



# 2020-2021 Upper School Course Catalog

## **Mission Statement**

Maryvale, a Catholic independent girls' school serving grades six through 12, affiliated with the Sisters of Notre Dame de Namur, provides an environment in which each student can reach her academic, spiritual, physical and civic potential in a loving, supportive and diverse community. Building upon its unique and special heritage, Maryvale's mission is to provide an exceptional education that responds to change and prepares young women for life.

## **Upper School Academic Leadership Team**

President: Tracey H. Ford  
Upper School Head: Victor Shin  
Academic Dean: Jennifer Nicholas  
Associate Academic Dean: Gracie Smith  
College Counselors: Monica Graham/Lindsey Duerr  
Registrar: Michelle Tseng

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## OVERVIEW

This catalog is designed to aid Maryvale Upper School students in selecting classes for the next school year. Classes are listed by department. All information published in this catalog is subject to change. A minimum enrollment of **10 students is usually required** before a course can be considered a permanent part of the curriculum for the next school year. Students are reminded of the complex nature of a master schedule and the difficulties associated with changing courses after the master schedule has been constructed. A considerable amount of reflection and study should precede each student's selection of classes.

Unless there is an irresolvable conflict in the choice of courses, which only occur in a very small percentage of situations, classes chosen by students at the time of pre-registration will become their official schedule for the upcoming year.

**Requests for schedule changes made after registration will be subject to a \$50 course change fee.**

In accordance with our philosophy, the following objectives are set forth for the academic program at Maryvale:

- *Encourages integrity, resourcefulness and responsibility to foster personal growth;*
- *Maintains its small class size to enable students to learn and develop skills in a cooperative environment;*
- *Emphasizes pride, loyalty & friendship in an atmosphere of mutual respect among students, peers, faculty and administration;*
- *Challenges students with the excitement of learning and instills pride in academic success; and*
- *Provides individual academic guidance through the advisory program.*

The academic program aims to prepare students for further education. It is necessary to be aware of course content and graduation requirements before students choose their courses. After reading this booklet in its entirety, each student should:

- *Review with her advisor the credits that she has previously earned to ensure graduation requirements are met;*
- *Give careful thought to her educational interests and goals in choosing courses, with the understanding that Maryvale's administration will take her choices seriously;*
- *Take elective courses that will be both interesting and challenging, but also meet her educational needs.*

## HONORS AND ADVANCED PLACEMENT COURSES

Honors courses are offered to qualified students in Art, English, Mathematics, Science, Social Studies, Technology and World Languages. Each course offers intensive, in-depth study of the subject matter.

Advanced Placement courses are offered to qualified students, allowing them to pursue the study of selected subjects at the college level. Upon completion of these courses, students are required to take the AP Exam administered by the Educational Testing Service. A grade of 4 or 5 on this exam usually results in college credit or placement in a higher-level class freshman year of college.

In choosing AP courses, the specific requirements are listed for each course by subject. All students are expected to sit for the AP exam(s) in May. The AP exam fee, which is subject to change, is set at **\$95**. Students and parents should be aware of and committed to this fee prior to registering for an AP course. AP examination registration occurs in November and fees are collected in the winter through FACTS.

Maryvale Preparatory School offers twenty Advanced Placement courses, approved by the College Board. These classes are designed for students who can successfully complete a college-level course.

Biology	Macroeconomics
Calculus AB	Microeconomics
Calculus BC	Physics C – Mechanics
Chemistry	Physics C – Electricity and Magnetism
Computer Science A	Spanish Language and Culture
Computer Science Principles	Studio Art: 2D Design
European History	Studio Art: Drawing
English Language and Composition	Statistics
English Literature and Composition	US Government and Politics
French Language and Culture	US History

### Credits Required for Graduation

English	4
Arts	1
Mathematics	4
Physical Education	1
Social Studies	3.5
Science	3
Theology	4
World Language	3
Electives	2.5-4.5
TOTAL	26-28

## COURSE OFFERED THROUGH VIRTUAL HIGH SCHOOL (VHS)

Maryvale Preparatory School offers courses in a virtual environment through The Virtual High School. These courses provide distance learning that complements our traditional high school curricula. Students in these courses will report to a classroom during a designated time block. Students must be self-motivated and determined to meet deadlines. There will be ongoing evaluations throughout the semester.

Any student who chooses to register for an on-line class will be required to sign a disclosure form concurring that she is aware of the responsibilities inherent in independent study and understands that grades earned are reflected on the Maryvale transcript as Pass/Fail.

The choice of courses available varies depending on each student's past academic performance and course selections. The final decision will be up to the discretion of the Upper School Head.

**Additional charges, above Maryvale's tuition, are incurred for the privilege of taking these courses as the materials, videos and staff support are not provided by Maryvale.**

## DUAL ENROLLMENT COURSES

Approved students may be able to take specific courses for dual enrollment credit at Maryvale in partnership with Anne Arundel Community College and Towson University.

These courses are independent study classes and involve rigorous, college-level work that challenges the student and aids in our mission of preparing our students for the academic load of college. Earned grades in the course are Pass/Fail credit on Maryvale transcripts. In completing these dual enrollment courses, students become knowledgeable in taking a course online and can possibly earn transferable college credit. Acceptance of credits is up to the college/university which the student chooses to attend.

Students will independently complete the coursework online. Students are expected to have successfully completed Honors and AP coursework at Maryvale and can handle the challenges of an academically rigorous course with extensive independent work. An instructor from Anne Arundel Community College visits Maryvale to meet with students and ensure that they are making steady progress in the course, and he/she helps students to guide their learning.

**Additional charges, above Maryvale's tuition, are incurred for the privilege of taking these courses as the materials, videos and staff support are not provided by Maryvale.**

## SAMPLE SCHEDULE PROGRESSION

Grade 9	Grade 11
English 9 Math Biology Global Studies Physical Education Theology 9 World Language Elective	English 11 Math Science US History Theology 10 World Language Elective
Grade 10	Grade 12
English 10 Math Chemistry Modern World History Wellness Theology 10 World Language Elective	English 12 Math Government Theology 12 World Language Electives

\*All students must carry a minimum of 7 credits per semester unless granted exception per Administration under AP policy.

# COURSE OFFERINGS BY DEPARTMENT

## ENGLISH

The English department at Maryvale Preparatory School strives to be continuously conversant with new approaches to narratives of cultural importance. Helping students discover themselves as readers and writers in the 21<sup>st</sup> century demands that curriculum is also shaped to embrace underrepresented, marginalized, and differently abled voices. While students in the English Department at Maryvale will be exposed to works that are deemed canonical in nature, they will also read works that better represent the multi-faceted and culturally aware nature of our changing society. Books, poems, plays, songs, articles, historical records and even graphic novels all help tell the ever-changing story of humanity, identity, and perseverance.

### ENGLISH 9

Credit: 1

Course #140

Students will develop and extend their skills in the areas of grammar, usage and mechanics. Emphasis in the first semester will be on developing writing skills. Literary resource materials will include fiction and drama. Strategies for standardized tests will be included in the course. In the second semester, students will focus on improving reading comprehension through literature circles. A research project will be a major activity.

### ENGLISH 9 (ACCELERATED)

Credit: 1

Course #141

Students will develop and extend their skills in the areas of vocabulary, grammar, reading, formal and informal writing, speaking, and attentive listening. Literary resource materials will include short stories, drama, poetry and novels. Test-taking strategies will include reading comprehension, sentence improvement and vocabulary. A research project will be a major activity.

***Prerequisites: Minimum of 88% (B+) in English 8, minimum 80th percentile on HSPT Reading and Language sections, and recommendation based on writing sample.***

### ENGLISH 9 (HONORS)

Credit: 1

Course #142

This course emphasizes the importance of reading challenging material and writing effectively. Students will identify, study and analyze elements of several literary genres and develop critical thinking skills. In the second semester students conduct independent literature circles under the guidance of the instructor. Each student will develop a literary research project based on an original thesis. Outside reading and writing projects will be completed each quarter.

***Prerequisites: Minimum of 88% (B+) in English 8, minimum 90th percentile on HSPT Reading and Language sections, and recommendation based on writing sample.***

### ENGLISH 10

Credit: 1

Course #150

Students will read representative works of British poetry and prose from the Anglo-Saxon period to the present. This course is a chance to explore the ideas, philosophies and cultures from bygone eras. Polishing research techniques, grammar, and intense review for the PSAT and SAT are also stressed. A literary research paper will be completed with particular attention to process and MLA format.

### ENGLISH 10 (ACCELERATED)

Credit: 1

Course #151

Students focus on the prose and poetry of Britain from the Anglo-Saxon period to the 20th century. Research, critical thinking and analysis are the core of the oral and written program. Critical reading skills such as paraphrase and inference inform the study of literature and assist students in their PSAT and SAT preparation. A literary research paper will be completed with particular attention to process and MLA format.

***Prerequisites: Minimum of 88% (B+) in English 9 (Accelerated) or 93% (A) in English 9 (CP) and current teacher recommendation.***

### ENGLISH 10 (HONORS)

Credit: 1

Course #152

Honors students will conduct an in-depth study of major works of British literature. Emphasis is placed on close reading of text and careful consideration of scholarship relevant to the text. Students are required to compose mature, analytical essays. Throughout the course, students will study critical reading strategies, vocabulary, and usage as preparation for the PSAT and SAT. Outside reading and writing projects will be completed each quarter. Each student will develop a literary research project utilizing numerous critical sources.

***Prerequisites: Minimum of 88% (B+) in English 9 (Honors) or 93% (A) in English 9 (Accelerated) and current teacher recommendation.***

## ENGLISH 11

Credit: 1

Course #160

Students will read representative works of American prose, poetry and drama from the Colonial period to the mid-20th century. Research process, reading comprehension, critical thinking and analysis are the core of the written and oral programs. SAT preparation is incorporated into the vocabulary and reading programs.

## ENGLISH 11 (ACCELERATED)

Credit: 1

Course #161

Students focus on American prose, poetry and drama from the Colonial period to the mid-20th century. Independent research process, critical thinking and analysis and the in-depth examination of works of literature are the core of the written and oral program. SAT preparation is incorporated in the vocabulary and reading program.

***Prerequisites: Minimum of 88% (B+) in English 10 (Accelerated) or 93% (A) in English 10 (CP) and current teacher recommendation.***

## ENGLISH 11 (HONORS)

Credit: 1

Course #162

Students focus on in-depth reading of major American prose, poetry and drama. Emphasis is placed on close reading of text and consideration of scholarship relating to the text. Students are expected to take part in class discussions that incorporate an awareness of literary, historical and philosophical facets of American writing. SAT preparation is achieved through the vocabulary and reading program. Students will produce a major research paper on a significant topic in American literature, focusing on process and analysis.

***Prerequisites: Minimum of 88% (B+) in English 10 (Honors) or 93% (A) in English 10 (Accelerated) and current teacher recommendation.***

## ENGLISH LANGUAGE AND COMPOSITION (AP)

Credit: 1

Course #163

This is a college-level class designed to improve students' critical reading and expository writing skills, preparing them for the AP English Language and Composition Examination in May. Focusing on non-fiction discourse and imaginative writing, AP Language and Composition introduces students to concepts in semantics, linguistics and rhetoric and continues their engagement with literary analysis.

**Course Fee: See Page 1**

***Prerequisites: Minimum of 600 on PSAT ERW; minimum of 90% (A-) in English 10 (Honors); and current teacher recommendation.***

## ENGLISH GRADE 12

Credit: 1

Course #170

World literature from ancient times to the present provides the focus of this course. Students study poetry, fiction and drama from both western and non-western cultures, including those of France, England, Czech Republic, Germany, Nigeria, and Japan. Writing skills are sharpened through a great deal of practice with formal and informal writing. Students will complete two major research essays during the year.

## ENGLISH GRADE 12 (ACCELERATED)

Credit: 1

Course #171

World literature opens the door to the appreciation of other cultures in this course. Students study literary works translated from Ancient Greek, French, German, and Japanese as well as works originally composed in English. Cultures of Europe, Africa and Asia are highlighted in their literary contexts. Students learn to read closely and write analytically as solid preparation for doing collegiate academic work. Two literary research projects will be completed during the year.

***Prerequisites: Minimum of 88% (B+) in English 11 (Accelerated) or 93% (A) in English 11 (CP) and current teacher recommendation.***

## ENGLISH GRADE 12 (HONORS)

Credit: 1

Course #172

Students study writings from Europe, Africa, the Middle East and Asia, including poetry, fiction and drama. The course emphasizes collegiate-level skills in critical reading, analytical writing and MLA formatting. Students write two major research papers during the year. A thorough research process will be enforced, including thesis writing, outlining, rhetorical organization, quotation integration, concluding strategies and effective titling.

***Prerequisites: Minimum of 88% (B+) in English 11 (Honors) or 93%(A) in English 11 (Accelerated) and current teacher recommendation.***

## ENGLISH LITERATURE AND COMPOSITION (AP)

Credit: 1

Course #173

Students read challenging literary works from the US and the UK and learn to analyze them effectively in writing. This course reviews

principles of critical analysis of literature, exposition and argumentation. Through the study of individual works, students develop critical standards for independent appreciation of any literary work. Students also sharpen their awareness of language and usage.

**Course Fee: See page 1**

**Prerequisites: Minimum of 600 on PSAT ERW, successful completion of the English Language and Composition (AP) course or minimum of 93% (A) in English 11 (Honors); and current teacher recommendation.**

**ENGLISH SEMESTER ELECTIVES**

CREATIVE WRITING – Grades 10-12

Credit: 0.5

Course #184

Students will study the forms of poetry and short fiction, with emphasis on the use of figurative language. Through writing exercises, students will learn the craft of serious writing. The class will require students to read their own work to the group, to critique the works of others and to compile an original portfolio.

**ENGLISH YEAR-LONG ELECTIVES**

JOURNALISM & DIGITAL PUBLICATION – Grades 9-12

Credit: 1

Course #192

Students enrolled in Journalism are pivotal to the composition, development and promotion of Maryvale’s *Grey Towers*, the school’s online newspaper, and *The Maryvale Muse*, the school’s literary magazine. Throughout the course, students write objective and well-researched articles, compose editorials that incorporate the respectful use of written persuasion and argument, and conscientiously copy-edit their work and that of their peers. Learning experiences include assignments, lectures and readings about current trends in journalistic publication, the ever-shifting horizon of journalistic ethics and writing for different audiences. Students interested in the more creative facets of publication will be able to work on the literary magazine, manage submissions, function as editors, and publish their creative work as well as that of their peers.

PUBLICATION DESIGN (YEARBOOK) – Grades 10-12

Credit: 1

Course #185

Publication Design (Yearbook) develops student skills in the fundamental principles of journalistic writing, editorials, themes, coverage and design as integral parts of the course. Students learn journalistic writing, design, photography and layout skills as well as gain proficiency in Josten’s yearbook design software. Students apply these basic principles to publication of the student yearbook.

**Prerequisites: Successful completion or concurrent with Digital Photography I.**

**LEADERSHIP**

**Leadership Certificate Program:**

The Leadership Certificate Program provides students with customized, in-depth leadership training and experiences that will further distinguish them throughout their educational, professional and personal endeavors. Students must complete a specific course track, at least 25 leadership service hours, a Capstone independent study and a comprehensive panel interview. Please consult your class requirements below. Not all applicants may be selected.

**Course Requirements for Class of 2021 and Class of 2022**

To be admitted and remain in the program, students must have a 3.3 grade point average, have exemplary conduct, and achieve a grade of B or higher in each of the four courses required as part of the leadership certificate program.

All students must successfully complete **two mandatory courses**:

- Foundations of Leadership – Grade 11
- Capstone Independent Study – Grade 12 Students are free to select any leadership-related topic for their Capstone project.

All students must successfully complete **two elective courses**:

- |   |  |
|---|--|
| • American Women’s History                  | • AP Economics (Macro or Micro) or Introduction to Economics |
| • AP Government                             | • 1804 Ministry of Peer Leadership                           |
| • AP Statistics                             | • Introduction to Business                                   |
| • Statistics                                | • Introduction to Sociology                                  |
| • Innovation, Entrepreneurship & Creativity | • Introduction to Law  |

## Course Requirements for Class of 2023 and Class of 2024

There are **two** course tracks that satisfy the requirements for the Leadership Certificate Program. Leadership Certificate or STEAM Leadership Certificate. Application for the programs takes place in the beginning of the 2<sup>nd</sup> Semester of Freshman year.

### *Leadership Certificate*

All students must successfully complete **two mandatory courses**:

- Foundations of Leadership – Grade 11
- Capstone Independent Study – Grade 12 Students are free to select any leadership-related topic for their Capstone project.

All students must successfully complete **two elective courses**:

- American Women’s History
- AP Government
- AP Statistics
- Applied Statistics
- AP Economics (Macro or Micro) or Introduction to Economics
- Innovation, Entrepreneurship & Creativity
- Introduction to Business
- Introduction to Law
- Introduction to Sociology
- 1804 Ministry of Peer Leadership

### *STEAM (Science, Technology, Engineering, Art, Math) Leadership Certificate*

All students must successfully complete **two mandatory courses**:

- Foundations of Leadership – Grade 11
- Capstone Independent Study – Grade 12 Students are free to select any leadership-related topic for their Capstone project.

All students must successfully complete **three elective courses in two disciplines**:

(e.g. in science and math; technology and math; science and technology)

#### **Science**

AP Chemistry  
AP Biology  
AP Physics C  
Physics College Prep  
Physics Honors  
Anatomy & Physiology Honors  
Biological Anthropology

#### **Math**

AP Calculus AB  
AP Calculus BC  
AP Statistics  
Applied Calculus  
Applied Statistics

#### **Technology**

AP Computer Science A  
AP Computer Science Principles  
AutoCAD  
Engineering through Robotics

### LEADERSHIP AND TECHNOLOGY PREP – Grade 9

Credit: 0.25

Course #776

This course is designed to empower Maryvale grade 9 students to be prepared for Upper School challenges. In the context of leadership topics, this course instructs students in organizational skills, study habits, test taking strategies, managing stress, goal setting and planning and time management strategies. Students will also be introduced to research skills. In addition, students will reinforce and expand the fundamental skills needed for integrating technology in their academic course work.

The curriculum will prepare students to successfully acclimate to the Upper School. **This is a pass/fail course.**

### FOUNDATIONS OF LEADERSHIP – Grade 11-12

Credit: 0.5

Course #774

Foundations of Leadership, open to all Grade 11 and 12 students, draws upon a comprehensive leadership curriculum that includes the study of leadership, the acquisition of leadership skills, and each student’s self-evaluation of leadership strengths and challenges. The course includes outside guest speakers to enhance classroom presentation, self-evaluation tools, reading research and engagement with community leaders and organizations to foster individual leadership and self-confidence in each student. A field trip to a business or nonprofit organization, project management, career coaching and interviewing, business etiquette, and other practical applications will be featured. Writing, public speaking, social media, strategic planning, team building, and presentations will be introduced. Every student will receive a Myers Briggs personality assessment to help her understand her preferences in leading and also how to lead individuals who have different strengths. Examination of workplace themes for women leaders will also be included. This is a required course for the Leadership Certificate. It is not limited to only Leadership Certificate students.

### INNOVATION, ENTREPRENEURSHIP & CREATIVITY – Grade 11-12

Credit: 0.5

Course #781

This course explores how new and innovative ideas evolve, are developed and get adopted and combines traditional readings and class discussion with hands-on student-led projects in a mini-innovation lab. Students learn how some of the most revolutionary and the simplest ideas and products came into being, while also rolling up their sleeves and testing their own creativity to develop new solutions and address ongoing challenges. Guest Speakers visit class to share their experience and advice. A field trip to a

local company or nonprofit allows students to see firsthand how innovation occurs in the real world. Case studies of successful and failed creative and entrepreneurial ventures are also studied. Students also perform research, develop prototypes, iterate, and present projects to address a challenge or introduce a new idea, product or service. Classmates serve as design colleagues and review and make suggestions for each other's work throughout the term. This is an elective course that satisfies a requirement for the Leadership Certificate. It is not limited to only Leadership Certificate students.

#### INTRODUCTION TO BUSINESS – Grades 10-12

Credit 0.5

Course #782

This course is designed to acquaint students with general business concepts that are relevant for business leaders in the workforce. Students gather a basic understanding of general business management, marketing, financial management, production and business operations, risk management, human resources, business planning, communications, ethics, and the role of diversity and inclusion in the workplace. A combination of customized projects featured guest speakers, textbook applications, and case studies will be used. This course is designed to provide students with a broad exposure to business operations and a solid background for additional business courses. This is an elective course that satisfies a requirement for the Leadership Certificate. It is not limited to only Leadership Certificate students.

#### CAPSTONE LEADERSHIP - Grade 12

Credit: 0.5

Course #784

The Capstone is an intensive study of a leadership topic that draws heavily from original research conducted through an internship. Capstone students work with a faculty advisor as they prepare a paper or 30-minute presentation on their thesis topic; all students present a short summary presentation to faculty and students. This course is a semester course taken during either the first or second semester senior year and is required for the Leadership Certificate. **Capstone Leadership is open only to students in the Leadership Certificate program.**

## MATHEMATICS

### Options for the Four-Year Mathematics Curriculum

Course Level	Freshman	Sophomore	Junior	Senior
<i>College Prep I</i>	Algebra I	Geometry	Algebra II	Advanced Algebra with Financial Applications, Applied Statistics
<i>College Prep II</i>	Geometry	Algebra II	Pre-Calculus	Advanced Algebra with Financial Applications, Applied Statistics and/or Applied Calculus Acc
<i>Accelerated Program I</i>	Algebra I	Geometry Acc.	Algebra II Acc.	Pre-Calculus Acc.
<i>Accelerated Program II</i>	Geometry Acc.	Algebra II Acc.	Pre-Calculus Acc.	Applied Calculus Acc
<i>Honors Program I</i>	Geometry Honors	Algebra II Honors	Pre-Calculus Honors	AP Calculus AB
<i>Honors Program II</i>	Algebra II Honors	Pre-Calculus Honors	AP Calculus AB	AP Calculus BC

#### Departmental Notes:

- Teacher Recommendation or Teacher/Departmental Placement requires a review of all available standardized testing scores.
- Students who meet departmental requirements and approval may take Geometry and Algebra II concurrently in order to further their progress in the mathematical sequencing.
- Once a student has successfully completed Algebra II, she is eligible to take *Applied Statistics* or *AP Statistics*. *Applied Statistics* may be taken independently or concurrently with the next algebraic course within her sequence, pending prerequisites. *AP Statistics* may be taken concurrently with the next algebraic course within her sequence, given all prerequisites have been met.
- Once a student has successfully completed Algebra II, she is eligible to take *Advanced Algebra with Financial Applications*. This course may be taken independently or concurrently with the next algebraic course within her sequence, pending prerequisites.

## ALGEBRA I

Credit: 1

Course #240

This course reflects a traditional approach to algebra. The concepts are taught in a proven sequence which enables students to acquire important algebraic skills and to develop their mathematical reasoning. Topics include properties of equality, graphing, linear equations, absolute value, systems of equations, proportions, rational expressions, graphing/solving quadratic equations, and radical expressions. A TI-84 calculator is required.

***Prerequisites: Teacher/department placement.***

## ALGEBRA COMPANION TO GEOMETRY

Credit: 0.5

Course #243

This course is to be taken concurrently with the Geometry course. It runs during second semester and is designed to help each student acquire and maintain proficiency in concepts taught within the Algebra 1 course, practice and reinforce skills within the Geometry course, and to enhance standardized test-taking strategies. Topics include, but are not limited to, ratios and proportions, linear equations, systems of equations and inequalities, quadratic functions, polynomials, factoring, solving quadratic equations, rational expressions, and SAT prep. A TI-84 calculator is required.

***Prerequisites: Current teacher/department placement.***

## GEOMETRY

Credit: 1

Course # 250

This course covers the topics of plane geometry and solid geometry. Topics covered include plane and solid geometry including basic definitions; inductive and deductive reasoning; perpendicular and parallel lines and planes; congruent triangles; properties of triangles; quadrilaterals; transformations; similar polygons; topics of right triangles; area of polygons and circles; surface area of solids; and volume. A TI-84 calculator is required.

***Prerequisites: Successful completion of Algebra I and a passing score on a placement test is required.***

## GEOMETRY (ACCELERATED)

Credit: 1

Course #251

This course is designed for freshmen who successfully completed a full Algebra I course in eighth grade. The same topics as the 250 Geometry course are included; however, content is explored with greater intensity and emphasis on proof and analytical thinking. Standard content is explored with greater intensity and emphasis on proof and analytical thinking. A TI-84 calculator is required.

***Prerequisites: Current students must have a minimum of 93% (A) in Algebra I and teacher recommendation is required. Incoming ninth graders will need a minimum of 80<sup>th</sup> percentile on HSPT Math, a minimum of 93% (A) in Algebra I, and a placement test is required.***

## GEOMETRY (HONORS)

Credit: 1

Course #252

This course will include the same topics as Accelerated Geometry. The course covers plane and solid geometry topics extensively at a fast pace. Logical reasoning and the preparation of proofs are emphasized. A TI-84 calculator is required.

***Prerequisites: Current students must have a minimum of 93% (A) in Algebra I and teacher recommendation is required.***

***Incoming ninth graders will need a minimum 90<sup>th</sup> percentile on HSPT Math, a minimum of 93% (A) in Algebra I, and mastery on the placement test is required.***

## ALGEBRA II

Credit: 1

Course #260

This course integrates algebra with other math topics as well as other academic disciplines. Topics of study are linear equations, inequalities, quadratic functions, polynomials and polynomial functions, powers, roots, radicals, exponential and logarithmic functions, rational functions and trig ratios. A TI-84 calculator is required.

***Prerequisites: Successful completion of Geometry.***

## ALGEBRA II (ACCELERATED)

Credit: 1

Course #261

This course is offered to sophomores in the accelerated track. Through a traditional approach to teaching algebra concepts, topics are presented in a proven sequence enabling students to acquire important algebra skills and to reason mathematically. Topics include real numbers, equations and inequalities, relations, functions, graphs, systems, polynomials, rational expressions, powers, roots, complex numbers, quadratics, transformations, coordinate geometry, higher degree polynomials, exponential and logarithmic functions and trigonometric functions. A TI-84 calculator is required.

***Prerequisites: Current students must have a minimum of 83% (B) in Geometry (Accelerated) or a consistent minimum of 93% (A) in Geometry (College Preparatory), and current teacher recommendation. Incoming students must have a minimum 80<sup>th</sup> percentile on HSPT Math and have shown mastery on both the Algebra I and Geometry required placement tests.***

## ALGEBRA II (HONORS)

Credit: 1

Course #262

This course is a rigorous study of Algebra II and trigonometric topics at a rapid pace. Topics include inequalities, linear functions, polynomials, rational expressions, irrational and complex numbers, quadratic functions, conics, exponential and logarithmic functions, right triangle trigonometry, circular trigonometry, identities and graphs and matrices. Problem solving and critical thinking are emphasized for all topics. A TI-84 calculator is required.

***Prerequisites: Current students must have a minimum of 83% (B) in Geometry (Honors) or minimum of 93% (A) in Geometry (Accelerated), and current teacher recommendation with departmental approval. Incoming students must have a minimum 90<sup>th</sup> percentile on HSPT Math and have shown mastery on both the Algebra I and Geometry required placement tests.***

## PRE-CALCULUS

Credit: 1

Course #264

This college preparatory level course begins with the study of real numbers and their properties; exponents and radicals; polynomials and factoring; rational expressions; and polynomial and rational inequalities. Students build on this foundation by studying polynomial, rational, exponential and logarithmic functions; right triangle trigonometry; circular trigonometry; graphing of trigonometric functions; inverse functions; and conic sections. A TI-84 calculator is required.

***Prerequisites: Minimum of 83% (B) in Algebra II (College Preparatory), and current teacher recommendation with departmental approval.***

## PRE-CALCULUS (ACCELERATED)

Credit: 1

Course #266

This course builds a strong foundation for the student pursuing mathematics in college. The comprehensive text presentation invites discovery and exploration, while technology and consistent problem-solving strategies help the student develop strong skills in pre-calculus. Topics include functions and graphs; polynomial and rational functions; exponential and logarithmic functions; further development of trigonometric functions as well as analytical trigonometry; systems of equations; sequences and series; and topics in analytic geometry and conics. Emphasis is on problem solving and applications using technology. A TI-84 calculator is required.

***Prerequisites: Minimum of 83% (B) in Algebra II (Accelerated) or consistent minimum of 93% (A) in Algebra II (College Preparatory), and current teacher recommendation with departmental approval.***

## PRE-CALCULUS (HONORS)

Credit: 1

Course #267

This course is a rigorous study of pre-calculus topics at a rapid pace. Topics include functions and their graphs; polynomial and rational expressions; exponential and logarithmic functions; trigonometric functions; analytic trigonometry; additional topics in trigonometry; sequences; series; conics; limits; and an introduction to Calculus. A TI-84 calculator is required.

***Prerequisites: Minimum of 83%(B) in Algebra II (Honors) or consistent minimum of 93% (A) in Algebra II (Accelerated), and current teacher recommendation with departmental approval.***

## APPLIED CALCULUS (ACCELERATED) – Grade 12

Credit: 1

Course #270

This is a college-level course in Calculus with an emphasis on applications in business, economic, social and life sciences. The core concepts of calculus are introduced in applied settings using the concept commonly known as “The Rule of Three” (numerical, graphical and algebraic). The graphing calculator is a tool. Topics include functions, derivatives, the definite integral and their applications. A TI-84 calculator is required. At the direction of the teacher, the calculator is used extensively throughout the course to enhance learning.

***Prerequisites: Minimum of 93% (A) in Pre-Calculus (College Preparatory) or 83%(B) in Pre-Calculus (Accelerated), and current teacher recommendation with departmental approval.***

## ADVANCED ALGEBRA WITH FINANCIAL APPLICATIONS – Grades 11-12

Credit: 1

Course #282

Advanced Algebra with Financial Applications is a college-preparatory course that will apply sophisticated mathematics built upon an algebraic foundation to give students the tools to become a financially responsible young adult. In addition to algebra, the course employs precalculus, probability and statistics, and geometry to address financial concerns that arise in everyday life. Real-world problems in investing, credit, banking, auto insurance, mortgages, employment, income taxes, budgeting, and planning for retirement are solved by applying the relevant mathematics. TI-84 calculator is required.

***Prerequisites: Successful completion of Algebra II (any level) and/or teacher placement with departmental approval.***

## STATISTICS – Grades 11-12

Credit: 1

Course #271

This course introduces descriptive and inferential statistics. Topics include frequency distributions; design and interpretation of statistical graphs; quantitative measurement methods for data tendency and variability; probability distributions and their application; confidence intervals; and sampling theory and techniques. The topics of estimation methods, regression methods and correlation analysis are surveyed. Besides knowledge of basic arithmetic skills, students must demonstrate ability to solve algebraic

equations in one unknown using a combination of addition, subtraction, multiplication and division properties of equivalent equations, and to solve formulas for specified symbols. The student must demonstrate ability to develop and solve algebraic expressions and linear equations in one or two unknowns from the context of applied verbal problems and to sketch the graph of a linear equation in two unknowns. Students will take advantage of the statistical capabilities of the TI-84 calculator. A TI-84 calculator is required.  
**Prerequisites: Minimum of 77% (C+) or concurrent with Algebra II (any level), current teacher recommendation and departmental approval.**

**STATISTICS (AP) – Grades 11-12**

Credit: 1

Course #281

This is an advanced placement course in Statistics that provides students with the major concepts and tools for collecting, analyzing and drawing conclusions from data. Topics include those covered in the college-prep statistics course and focus on four board 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

Students who successfully complete the course and examination may receive credit and/or advanced placement for a one-semester introductory college statistics course. A TI-84 calculator is required.

**Course Fee: See page 1**

**Prerequisites: Consistent minimum of 93% (A) in Algebra II (Accelerated) or minimum of 83% (B) in Algebra II (Honors). This course can be taken concurrently with or after the conclusion of Pre-Calculus (Accelerated or Honors) course. Departmental approval is required.**

**CALCULUS AB (AP) – Grades 11-12**

Credit: 1

Course #280

Advanced Placement Calculus AB is a full-year course intended for talented math students who have completed Honors Geometry, Honors Algebra II and Honors Pre-Calculus. In this course, students study the applications of functions and graphs, limits and continuity, differential calculus and integral calculus. A TI-84 calculator is required.

**Course Fee: See page 1**

**Prerequisites: Minimum of 83% (B) in Pre-Calculus (Honors) and current teacher recommendation with departmental approval.**

**CALCULUS BC (AP) – Grade 12**

Credit: 1

Course #284

Advanced Placement Calculus BC is a full-year course intended for talented math students who have completed AP Calculus AB. In this course, students study the applications of functions, graphs, limits and continuity, differential calculus, integral calculus, and polynomial approximations and series. A TI-84 calculator is required.

**Course Fee: See page 1**

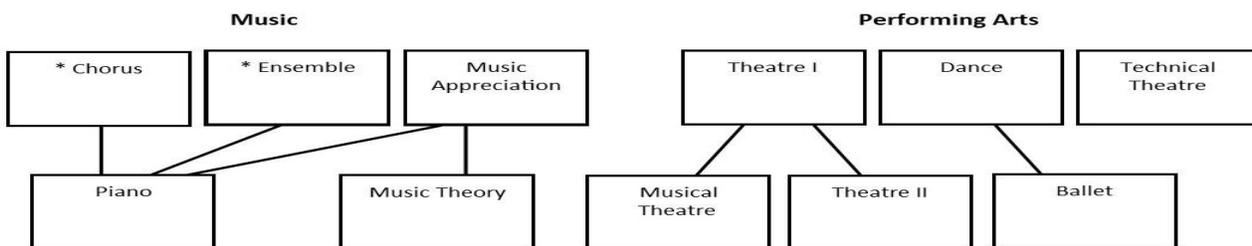
**Prerequisites: Minimum of 83% (B) in Calculus AB (AP) and current teacher recommendation with departmental approval.**

**PERFORMING ARTS**

**PERFORMING ARTS MASTERY PROGRAM – Grades 9-12**

The Performing Arts Mastery Program is designed for students who excel in the Performing Arts. To successfully complete the program, students must complete two Performing Arts credits, design and implement a Capstone Service Project to benefit the Maryvale community based in the Performing Arts, and a portfolio that encapsulates their Performing Arts experience at Maryvale. Students who are interested in applying may contact Ms. Manuel for more information.

**Maryvale Performing Arts Mastery Program**



\* 1 full credit course

## CHORUS

Credit: 1

Course #440

Chorus performs a varied repertoire of music ranging from classical to contemporary genres. Students will gain knowledge and skills in vocal technique, musical analysis, collaboration and critical thinking. The Chorus performs at the annual winter and spring concerts and leads the sacred music at all Maryvale liturgies. Additionally, this ensemble may travel on music department tours. Students are encouraged to continue their participation in the Chorus throughout their time at Maryvale. This class will meet three times in a cycle.

## ENSEMBLE

Credit: 1.0

Course #441

The ensemble consists of various instruments. Students perform a wide repertoire of music ranging from classical to contemporary genres. Students will gain knowledge and skills in technique, musical analysis, collaboration and critical thinking. The Ensemble performs at the annual winter and spring concerts and travels on the annual music department tours. Students are encouraged to continue their participation in the Ensemble throughout their time at Maryvale. This class will meet three times in a cycle.

## PIANO

Credit: 0.5

Course #442

This course creates a comfortable environment for a beginning piano student. Students will learn basic skills needed for piano play through one-on-one assistance as well as group activities. Students gain confidence to move forward and develop good technique, in addition to consistent practice and performance skills. Through-out the course students learn piano history through a varied collection of repertoires.

***Prerequisite: Successful completion of Chorus, Ensemble or Music Appreciation.***

## DANCE

Credit: 0.5

Course #400

This course is set up to build dance skills, gain knowledge of various genres through the history of dance, and an understanding of how dance relates to the other arts and the world. Throughout this course, students will learn basic steps, full routines, and how to prepare themselves for future auditions.

## BALLET

Credit: 0.5

Course #476

This course is designed to deepen understanding of ballet. Students will be able to demonstrate the skills and progressions of ballet technique, perform combinations and full routines, appreciate the art of ballet, and understand ballet origins and history.

***Prerequisite: Successful completion of Dance.***

## THEATRE I

Credit: 0.5

Course #470

This course explores the creative acting process by introducing the emotional, intellectual and kinesthetic resources central to performing. It examines the application of vocal and physical choices to develop characters. Analysis of texts and theory are taught through focused improvisation, movement exercises and monologue/scene study. Through stage-acting technique, Theatre I begins the process of developing yourself as a honed communication tool. Comfortable naturalism on stage is the goal as students explore their personal awareness as well as awareness of others and their surroundings.

## THEATRE II

Credit 0.5

Course #474

Building off the student's prerequisite knowledge in Theatre I, this course allows the student to journey further in their study of theatrical performance. In this intensive course, students will memorize and perform monologues, duos and scenes. They will additionally focus their study of acting through intensive character development, improvisational skills, and other acting methods. Students will work independently and with others to create engaging and realistic scenes, while providing helpful feedback to their peers in a collaborative learning environment.

***Prerequisites: Successful completion of Theatre I.***

## THEATRICAL TECHNICAL PRODUCTION

Credit: 0.5

Course #471

This course is an introduction to stage equipment, tools, materials and traditional methods of set construction and scene painting. It serves as an introduction to the terminology and techniques used in technical theatre. The course examines two-dimensional and three-dimensional scenery, the physical theater, stage and scene shop equipment, project organization and process, technical theater graphics, materials and theatrical construction techniques. Students in this course will be actively involved in theatrical productions and other assemblies and masses in the McCarthy Theater.

## MUSICAL THEATRE I

**WILL BE OFFERED IN 2021-2022**

Credit: 0.5

Course # 472

Musical Theatre 1 focuses on develop your singing/acting/movement skills in a variety of musical theatre performing styles. This class

lays the foundation for musical theatre song performance through learning to use your own personal voice type to sing different kinds of songs, learning to analyze the lyrics to find out how to communicate the story through vocal and physical expression, and learning to develop the character to bring the song to life through both singing and acting. Students will begin to build their audition portfolio and develop auditioning skills. The class forms an ensemble performing group that learns and performs songs from a variety of musicals, from Vaudeville to today's Broadway shows. Students will also learn to overcome stage fright and build their confidence through in-class solo and small ensemble performances. Students will perform in either the variety show or spring showcase for credit.

***Prerequisites: Successful completion of Theatre I.***

## MUSIC APPRECIATION

Credit: 0.5

Course # 473

In this course, students with varied musical experience will gain knowledge on the structural literacy of music as well as general music history. Throughout the course, students will be able to understand, read, write, and reflect upon compositions from the past and modern day. This course will focus on scales, chord functions and analysis, rhythmic dictation and composition, sight reading, aural dictation and analysis, and basic four-part writing. Students will also gain perspective on music's most important innovations starting with the 10th century through today.

## MUSIC THEORY

Credit: 0.5

Course # TBD

Music Theory is a course designed to enrich and deepen the student's knowledge and understanding of musical analysis. It is highly recommended that students come with prior performance skills in voice or an instrument. Topics covered in this course include but are not limited to the elements of melody, harmony, texture, rhythm, form, musical analysis and elementary composition. Musicianship skills such as dictation and other listening skills and sight-reading will also be covered. At the end of this course, students will be able to read and write musical notation, and will be able to recognize, understand, and describe the basic processes of music in a score.

***Prerequisite: Successful completion of Ensemble, Choir, Music Appreciation, or teacher recommendation***

## PERFORMANCE CHOIR – Grades 9-12

Credit: 0.5

Course# TBD

Performance choir allows students who excel in vocal performance flexibility in their schedule to sing and express themselves vocally. In this course, we aim to challenge the singer with popular music and musical theatre selections with excellence focusing on vocal techniques, breathing and strengthening the voice during the advisory period of the school day. There will be multiple performances for this group. This course takes place during advisory period on Tuesday and Thursday until 3:15pm.

# PHYSICAL EDUCATION

## PHYSICAL EDUCATION – Grades 9-12

Credit: 0.5

Course #840

This course provides each student with the opportunity to participate in a comprehensive program consisting of skill development, lead up games, team sports, individual sports, and physical fitness activities. The students receive instruction in rules, skills, and strategies associated with the different sports, while stressing the importance of cooperation, leadership, and friendly competition. Our mission is to empower all students to sustain regular, lifelong physical activity as a foundation for a healthy, productive and fulfilling life.

## DANCE – Grades 9-12

Credit: 0.5

Course #400

This course is set up to build dance skills, gain knowledge of various genres through the history of dance, and an understanding of how dance relates to the other arts and the world. Throughout this course, students will learn basic steps, full routines, and how to prepare themselves for future auditions.

## WELLNESS – Grades 9-12

Credit: 0.5

Course #850

This course addresses a wide range of health-related issues designed to introduce students to the many dimensions of Health and Wellness. Topics covered will include nutrition, fitness and weight management, alcohol, tobacco and drug abuse, sexual education, violence and injury prevention, stress and mental health. Current events involving health issues are also key topics of discussion. Our goals are to promote a healthy way of living and to educate these young women on how to care for themselves both physically and emotionally for a lifetime.

## LIFETIME ATHLETICS – Grades 11-12

Credit: 0.5

Course #862

This course is designed to continue developing physically educated individuals who have the knowledge, skill and confidence to enjoy a lifetime of healthful physical activity. Students explore a variety of options for improving and maintaining their individual fitness. Students will understand the importance of setting goals for personal improvement and achievement and will leave the class with a

lifelong understanding of how to maintain adequate physical fitness for a healthy lifestyle.

## SCIENCE

### BIOLOGY – Grade 9

Credit: 1

Course #640

This introductory lab course provides an overview of basic biological concepts and explores common themes that unite life on earth. This is done through inquiry-based labs, text reading, discussion, projects and presentations. The course begins with study of the characteristics of living things, cell structure, function and reproduction and then moves to larger-scale topics such as genetics, evolution and classification. Students also explore the domains of life and the kingdoms of the domain Eukarya.

### BIOLOGY (ACCELERATED) – Grade 9

Credit: 1

Course #641

Topics covered are the same as those described for Biology. However, content will be covered in greater depth and detail, and there will be a short research paper in the second semester. Inquiry-based laboratory work is an important component of this course.

***Prerequisites: Minimum of 83% (B) in Science 8 and minimum 70th percentile on HSPT Composite, and departmental approval***

### BIOLOGY (HONORS) – Grade 9

Credit: 1

Course #642

The major instructional areas are the same as those described for Biology. Content will be covered in greater depth and extended beyond the scope of the required text with increased emphasis on critical thinking and application of concepts. In addition to extensive laboratory work students are required to do an investigative research paper. This course uses a decidedly inquiry-based approach to scientific study with the expectations that students will be independent thinkers.

***Prerequisites: Minimum of 93% (A) in Science 8 and minimum 90th percentile on HSPT Composite, and departmental approval.***

### CHEMISTRY – Grade 10

Credit: 1

Course #650

This course is an introduction to the study of science dealing with materials in our world and the changes that these materials undergo. Students' critical thinking and problem-solving skills will be developed as they learn to integrate their math skills with scientific data, information and chemical concepts. Students will further develop scientific skills and processes to perform laboratory experiments and gain an appreciation of the importance of chemistry in our personal and professional lives. By understanding that chemistry is the basis for materials and processes that we encounter every day, students realize the importance of chemistry in making informed decisions about scientific issues in diverse topics such as health, the environment and commercial industry.

### CHEMISTRY (ACCELERATED) – Grade 10

Credit: 1

Course #651

This course is an introduction to general chemistry. Students gain an understanding of the nature of materials in their environment and the composition, structure and changes matter undergoes. Understanding of how the diversity and complexity of our world can arise from so few ingredients will be acquired. The science of chemistry ranges from a thought-provoking academic subject to a tool for innovation in a rapidly changing society. Critical thinking skills will be cultivated in order to advance students' problem-solving capabilities and strategies. The knowledge and experiences of this course will be gained from observation, study, lecture, discussion, problem-solving activities and experimentation.

***Prerequisites: Minimum of 93% (A) in Biology (CP) or 83% (B) in Biology (Accelerated) and Geometry (Accelerated) and current teacher recommendation.***

### CHEMISTRY (HONORS) – Grade 10

Credit: 1

Course #652

Students gain an understanding of the nature of materials in their environment and the composition, structure and changes that matter undergoes. Critical skills and challenging thinking will be applied to concepts in order to develop students' problem-solving strategies. Through study, observation, lecture, discussion, problem-solving activities and experimentation, students enrolled in Honors Chemistry will cover a greater volume of material at a faster pace and in a more independent manner than covered in Chemistry Accelerated.

***Prerequisites: Minimum of 83% (B) in Biology (Honors) and minimum of 83% (B) in Geometry (Honors) or 93% (A) in Geometry and Biology (Accelerated) and current teacher recommendation.***

## SCIENCE SEMESTER ELECTIVES

### FORENSIC SCIENCE I (ACCELERATED) – Grades 11-12

Credit: 0.5

Course #663

This course is an introduction to forensic analysis and focuses on the knowledge and methods of science used to help solve crimes. The

course emphasizes that the process of investigating a crime scene depends on a wide variety of expertise and sources of evidence, and that most answers require careful observation of minute differences. The role of probability in interpreting the significance of evidence will also be studied. Students learn how the latest techniques in skeletal and visual anatomy can be used to determine age, ancestry, stature and physique and when and in what way death may have occurred. In addition, students will apply knowledge gained and critical-thinking skills learned in the course to find solutions of simulated crimes by analyzing clues and evidence.

**Prerequisites: Current teacher recommendation.**

FORENSIC SCIENCE II (ACCELERATED) – Grades 11-12

Credit: 0.5

Course #653

This course continues to focus on additional knowledge and methods of science that can be used to help investigate and solve crimes. Students will learn about the use of DNA profiling technologies, visualization of latent fingerprints, forensic serology and other topics not covered in Forensic I. This course also explores how information on bones, insects and botany is used in calculation of postmortem intervals.

**Prerequisites: Successful completion of Forensic Science I**

## **SCIENCE YEAR-LONG ELECTIVES**

ANATOMY AND PHYSIOLOGY (HONORS) – Grades 11-12

Credit: 1

Course #660

This course is designed to provide a basic understanding of the anatomy and physiology of the human body. Major instructional themes include the exploration of the gross anatomy, microscopic structure, molecular interactions and functions of organs and tissues and cells of the following major body systems: integumentary, skeletal, muscular, nervous, endocrine, immune, circulatory, respiratory, digestive, urinary and reproductive. Students will gain an appreciation for the importance of homeostatic balance and the integration of all body systems in order to maintain life. Dissection is a required part of this course. This course is highly recommended for students who wish to take AP Biology.

**Prerequisites: Minimum of 85% (B) in both Biology (Honors) and Chemistry (Honors) or minimum of 90% (A-) in Biology (Accelerated) and Chemistry (Accelerated) and current teacher recommendation.**

ANATOMY AND PHYSIOLOGY (Accelerated) – Grades 11-12

Credit: 1

Course #659

This course is designed to provide a basic understanding of the anatomy and physiology of the human body. Major instructional themes include the exploration of the form and functions of the organ systems of the body and their component organs, tissues, and cells. Students will gain an appreciation for the importance of homeostatic balance and the integration of all body systems in order to maintain life. Dissection is a required part of this course.

ENVIRONMENTAL SCIENCE (ACCELERATED) – Grades 11-12

Credit: 1

Course #657

Environmental Science incorporates aspects of biology, ecology, chemistry, economics and ethics in presenting an overview of critical environmental issues. Students will be asked to analyze real-world case studies, review current data, and participate in a wide range of activities in and out of the classroom. Students are expected to take an active role in their learning and consider the impact and responsibility of humans on Earth's ecosystems. This is an honors level course and students will be expected to move through information quickly. This course provides the foundation for making decisions shaping the future of our world.

**Prerequisites: Current teacher recommendation.**

INTRODUCTION TO BIOLOGICAL ANTHROPOLOGY (ACCELERATED) – Grades 11-12

Credit: 1

Course #665

This course focuses on the study of evolutionary biology of humankind based on information from the fossil record and the human skeleton, genetics of individuals and populations, our primate relatives, human adaptation and human behavior. Students learn basic evolutionary principles and develop an appreciation for the excitement of discovery in biological anthropology through both lecture and laboratory activities.

**Prerequisites: Current teacher recommendation.**

MARINE BIOLOGY – Grades 11-12

Credit: 1

Course #661

This lab-based course is intended for students of all levels who are motivated to learn more about the oceans of the world, the organisms that live in them and the issues concerning marine ecosystems. We begin with the history of marine studies, the physical features of the world oceans and the properties of seawater. Then, starting with the simplest microorganisms and progressing to the most complex marine birds and mammals, we investigate the evolution of life in the seas. Dissection is a required part of this course.

CONCEPTUAL PHYSICS- Grades 11-12

Credit: 1

Course #674

Physics is a fundamental science which explores the interactions between matter and energy that form the base principles of the other sciences. The objective of this course is to motivate students to explain why natural phenomena occur and have a greater awareness of

the physical world. Most of these will require analytical thinking and mathematical equations to explain in a qualitative and quantitative fashion. This course challenged students to think critically about problems and test their hypotheses through a combination of mathematics and laboratory time, to develop problem-solving abilities.

***Prerequisites: Must have successfully completed Geometry and Algebra II or have current Math teacher recommendation.***

PHYSICS (Honors) - Grades 11-12

Credit: 1

Course #675

Physics is a fundamental science which explores the interactions between matter and energy that form the base principles of the other sciences. This course is a math-based, high-level subject designed for students who plan on a career in science, math or engineering. The objective of this course is to motivate students to explain why natural phenomena occur and have a greater awareness of the physical world. Most of these will require analytical thinking and mathematical equations to explain in a qualitative and quantitative fashion. This course challenged students to think critically about problems and test their hypotheses through a combination of mathematics and laboratory time, to develop problem-solving abilities.

***Prerequisites: Minimum of 90% (A-) in Algebra II Honors and current Math teacher recommendation.***

BIOLOGY (AP) – Grade 12

Credit: 1

Course #670

In this course, designed to be the equivalent of a general biology course taken at the college level, students will develop a conceptual framework for modern biology and gain experience and appreciation of biology through inquiry-based and student directed experimentation. Course content will include cell biology, microbiology, biochemistry, genetics and evolution, botany, animal physiology and ecology. This rigorous course includes formal lab reports and an investigative research paper.

**Course Fee: See page 1**

***Prerequisites: Minimum of 90% (A-) in the following courses: Biology (Honors) or Chemistry (Honors) or Anatomy and Physiology (Honors) or Physics (Honors) or 95% (A) in Anatomy and Physiology (Accelerated) or an 80% (B-) in AP Chemistry and current teacher recommendation and in-person interview and approval by current AP Biology teacher. Additionally, summer work must be successfully completed.***

CHEMISTRY (AP) – Grades 11-12

Credit: 1

Course #671

This course is designed to be the equivalent of a general chemistry course taken at the college level and is an expansion on topics from Chemistry classes taken sophomore year. A depth of understanding and competence will be attained, concerning the fundamentals of chemical topics and in dealing with chemical problems. Students' abilities to think clearly and logically and express ideas both orally and in writing will be developed. An emphasis will be placed on chemical calculations and the mathematical formulation of principles. The laboratory experience of the course is an essential component, which will include work time outside of scheduled class time.

**Course Fee: see page 1**

***Prerequisites: Minimum of 90% (A-) in Chemistry (Honors), 90% (A-) in Algebra II (Honors), and current teacher recommendation. Summer work must be successfully completed.***

PHYSICS C – MECHANICS, ELECTRICITY & MAGNETISM (AP) – Grade 12

Credit: 1

Course #673

This course is equivalent to a first and second-semester Calculus-based Physics course. First semester covers Newtonian mechanics and Electricity & Magnetism is covered during the second semester. Students in the course must take two AP tests at the end of the academic year.

**Course Fee: see page 1**

***Prerequisites: Minimum of 90% (A-) in Honors Physics and either concurrently enrolled in or completed Calculus. If student has not completed AP Calculus AB, student must have a recommendation from current Math teacher. Summer work will be required.***

## SOCIAL STUDIES

RESEARCH IN GLOBAL STUDIES – Grade 9

Credit: 1

Course #740

Students examine our own culture and acquire tools to understand others. Through interpretation of basic demographic data, students learn principles of economics, political science, anthropology and geography. They cultivate critical thinking and reading skills as they investigate global issues, including population and resource distribution, development, health, migration and labor. Each student researches and writes a significant paper on a global problem in which she is particularly interested.

RESEARCH IN GLOBAL STUDIES (ACCELERATED) – Grade 9

Credit: 1

Course #741

Accelerated Research in Global Studies is similar to the college preparatory course. The curriculum includes development of skills for inquiry through investigation of global issues. Each student researches and writes an in-depth analytical paper on a global

problem in which she is particularly interested.

**Prerequisites:** *Minimum of 88% (B+) in Social Studies 8, minimum 80th percentile on HSPT Reading and Language, and a writing sample placement test is required.*

#### RESEARCH IN GLOBAL STUDIES (HONORS) – Grade 9

Credit: 1

Course #742

The curriculum in this class is more intensive, requiring self-motivation and the ability to work independently. Students are expected to follow news events on their own in preparation for class discussions. Each student researches and writes a comprehensive analytical paper which explores effective interventions of a global problem in which she is particularly interested.

**Prerequisites:** *Minimum of 93% (A) in Social Studies 8, minimum 90th percentile on HSPT Reading and Language, and a writing sample placement test is required.*

#### MODERN WORLD HISTORY: A GLOBAL PERSPECTIVE – Grade 10

Credit: 1

Course #750

In this course significant episodes from Western and non-Western history are investigated. Topics include the Middle Ages, Renaissance and Reformation, the age of European exploration/domination and consequent impact on world cultures and the development of global networks of political, economic and social inter-dependence in the contemporary world. Students hone critical-thinking skills while developing a sense of chronology and an understanding of cause and effect. Geography application, cooperative and independent research projects, time management and organizational skills are emphasized. Current world issues will be discussed and analyzed.

#### MODERN WORLD HISTORY: A GLOBAL PERSPECTIVE (ACCELERATED) – Grade 10

Credit: 1

Course #751

The course description is the same as the previous course; however, greater emphasis will be placed on independent learning. Students will read more advanced materials and conduct research using primary sources in order to develop critical reading and writing skills.

**Prerequisites:** *Minimum of 88% (B+) in Global Studies (Accelerated) or minimum of 93% (A) in Global Studies (CP), and current teacher recommendation.*

#### MODERN WORLD HISTORY: A GLOBAL PERSPECTIVE (HONORS) – Grade 10

Credit: 1

Course #752

At the honors level, students will read challenging texts and primary sources as well as hone higher level research skills. Students will develop advanced critical reading and writing skills through independent inquiry.

**Prerequisites:** *Minimum of 88% (B+) in Global Studies (Honors) or minimum of 93% (A) in Global Studies (Accelerated) and current teacher recommendation.*

#### EUROPEAN HISTORY (AP) - Grades 10-12

Credit: 1

Course #753

Students investigate significant events, individuals, developments, and processes in four historical periods from approximately 1450 to the present. Students develop and use the same skills, practices and methods employed by historians: analyzing primary and secondary sources; developing historical arguments; making historical comparisons; and utilizing reasoning about contextualization, causation, and continuity and change over time. Historical thinking skills will be developed through intensive writing. This course replaces the required sophomore level Modern World History class.

**Course Fee: See page 1**

**Prerequisites:** *Minimum of 93% (A) in Global Studies (Honors), minimum 80th percentile on the PSAT ERW, and current teacher recommendation.*

#### UNITED STATES HISTORY – Grade 11

Credit: 1

Course #760

This course is a survey of American history from U.S. sectional tensions and the Civil War to the modern day. Major social, political, economic, and diplomatic trends will be examined. Students will acquire the tools of historians by supplementing secondary source readings with examination and analysis of primary sources including documents, artwork, film, and other media. Critical thinking, research, and writing skills are emphasized.

#### UNITED STATES HISTORY (ACCELERATED) – Grade 11

Credit: 1

Course #761

This course description is the same as the previous course; however, more challenging individual work will be expected, and more emphasis will be placed on the application of knowledge and the analysis of primary and secondary sources. Students are expected to demonstrate strong research and writing skills.

**Prerequisites:** *Minimum of 88% (B+) in Modern World History (Accelerated) or a minimum of 93%(A) in Modern World History and current teacher recommendation.*

## UNITED STATES HISTORY (HONORS) – Grade 11

Credit: 1

Course #762

This course description is the same as the previous course; however, more challenging individual work will be expected, and greater emphasis will be placed on analysis of scholarly and primary source readings, critical thinking skills, and strong writing and research skills.

***Prerequisites: Minimum of 88% (B) in Modern World (Honors) or a minimum of 93% (A) in Modern World (Accelerated), and current teacher recommendation.***

## UNITED STATES HISTORY (AP) – Grade 11

Credit: 1

Course #763

This course is designed to provide students with analytical skills, factual knowledge and writing abilities necessary to understand and critically analyze the political, economic and cultural events and problems in American history. This is a two-semester, college-level survey of United States History from pre-colonial times to the present day. This is a challenging class that is meant to be equivalent to a freshman college course. This course replaces the required junior level United States History class.

**Course Fee: See page 1**

***Prerequisites: Minimum of 93% (A) in Global Studies and a minimum of 93% (A) in Modern World (Honors) or a minimum of 88% (B) in European History (AP) and a minimum of 80th percentile on PSAT ERW, and current teacher recommendation.***

## AMERICAN GOVERNMENT – Grade 11-12

Credit: 0.5

Course #765

This course will provide students with a foundation in American government. Students examine the structure of the Constitution and its function as a framework for our government, laws, and political system. Landmark Supreme Court cases will be presented. Students will learn their rights and responsibilities as citizens in our democracy.

## UNITED STATES GOVERNMENT & POLITICS (AP) – Grade 11-12

Credit: 1

Course #780

This course is designed to give students an analytical perspective in government and politics in the United States. Students will be able to analyze data, understand patterns of political processes and behavior and their consequences and critically analyze theories and concepts, applying them appropriately and developing connections across the curriculum. Students are expected to follow news events on their own in preparation for class discussions. This course replaces the required American Government class.

**Course Fee: See page 1**

***Prerequisites: Minimum of 88% (B+) in U.S. History (Honors), minimum 80th percentile ranking on the PSAT ERW and current teacher recommendation.***

## **SEMESTER ELECTIVES**

### AMERICAN WOMEN'S HISTORY – Grades 10-12

Credit 0.5

Course #777

The focus of this discussion-based course is the experiences of women of various ethnicities, socio-economic groups, religions, and cultures in American history from pre-colonial times through the present. The curriculum addresses how women's actions both shaped and were shaped by economics, politics, technology, and other facets of American life. The contributions of leaders in various fields will be identified and evaluated. A variety of primary and secondary sources will be used to develop a more inclusive study of American history.

### THE HOLOCAUST: A Moral Challenge in the Modern World – Grades 11-12

Credit: 0.5

Course #771

This course is an in-depth examination of The Holocaust, a seminal event in 20<sup>th</sup> century history. Topics of study include the political, social and economic causes of the Holocaust, the stages of action, foreign response and both short and long-term results. Students will be challenged to find meaning in and lessons from an example of horrific human cruelty. Readings and films will be utilized and include survivor testimony and images from the concentration camps.

### INTRODUCTION TO ECONOMICS – Grades 11-12

Credit: 0.5

Course #772

This course seeks to inform students of foundational micro- and macroeconomic concepts. Students study two micro units: supply and demand and resource markets. Sections on business practices and banking are included. Students will also study two macro units: domestic analysis and international analysis. are responsible for ongoing, in-class assignments that engage these topics more critically, as well as unit quizzes and tests.

### INTRODUCTION TO LAW – Grades 11-12

Credit: 0.5

Course #779

This class provides an overview of the U.S. legal system. It is a general course that focuses on law and legal issues from the perspective of the social sciences. Students will be introduced to topics such as constitutional law and the Supreme Court, criminal law, torts, products liability, consumer and administrative law, family law and immigration and refugee law.

## INTRODUCTION TO SOCIOLOGY – Grades 11-12

Credit: 0.5

Course #773

Do we shape our culture or does our culture shape us? What does it mean in a society to be male or female? How do societies evolve? Why can we develop a prejudice against those unlike ourselves? Does social class exist in the United States? These are some of the questions we consider in sociology, the systematic study of human interaction. In this course, students explore fundamental principles and theories of sociology, culture, patterns of interaction, norms, social institutions, socialization and human development and social change. Students will develop critical thinking skills to understand and evaluate how social structures mold their lives and affect the world around them. This course is excellent preparation for college reading and writing.

## INTRODUCTION TO PSYCHOLOGY – Grades 11-12

Credit: 0.5

Course #794

Psychology is the systematic study of individual human behavior and experience. The purpose of this course is to introduce the student to the content, terminology, major theories, careers, methodology, and application of the discipline. This survey course contains an introduction followed by four units based on the physiological, cognitive, behavioral, and affective domains of psychology. This elective course stresses the application of academic content to the student's life.

## MACROECONOMICS (AP) - Grades 10-12

Credit 0.5

Course #783

Students will become well-versed in the economic way of analytical thinking. They will learn how to measure economic performance and will be able to explain monetary and fiscal policies in the real world. Students will also develop graphing skills necessary to examine economic theories and to analyze their impact upon the United States and global economies. This course will be offered in the second semester.

**Course Fee: see page 1**

***Prerequisites: Minimum of 88% (B+) in an Accelerated Social Studies course and be recommended by AP Potential.***

## MICROECONOMICS (AP) – Grades 10-12

Credit 0.5

Course #TBD

AP Microeconomics is an introductory college-level course that focuses on the principles of economics that apply to the functions of individual economic decision-makers. The course also develops students' familiarity with the operation of product and factor markets, distributions of income, market failure, and the role of government in promoting greater efficiency and equity in the economy. Students learn to use graphs, charts, and data to analyze, describe, and explain economic concepts.

**Course Fee: see page 1**

***Prerequisites: Minimum of 88% (B+) in an Accelerated Social Studies course and be recommended by AP Potential.***

## DUAL ENROLLMENT COURSES

### PSY 111 - INTRODUCTION TO PSYCHOLOGY (ONLINE) – Grades 11-12

Credit: 0.5 (First Semester Only)

Course #790

A course intended to teach students the major psychological theories, concepts, and related current research findings. Topics include learning, physiological bases of behavior, motivation and emotions, human development, personality, and abnormal behavior. Upon successful completion of the course, students will earn 3 credits from Anne Arundel Community College and 0.5 credit from Maryvale. Students will be given a class period in their schedule and manage their course work through AACCS's online software. Successful students will need to be self-directed and motivated to work at an individual pace. This course is intended to expose students to major psychological theories and concepts and related current research findings. Topics include learning, physiological bases of behavior, motivation and emotions, human development, personality and abnormal behavior.

**Course fee: TBD**

***Prerequisites: Minimum GPA of 3.5, minimum of 83% (B) in English and Social Studies and approval from the Upper School Head. Successful completion of Introduction to Psychology course#794.***

### PSY 214 - ABNORMAL PSYCHOLOGY (ONLINE) Grades 11-12

Credit: 0.5 (Second Semester Only)

Course #791

Learn about mental disorders, including an examination of causes, symptoms, treatment, and management. Study disorders such as anxiety, mood, personality, and schizophrenia. Explores problems in the field of abnormal psychology and evaluates current attempts to solve them. Upon successful completion of the course, students will earn 3 credits from Anne Arundel Community College and 0.5 credit from Maryvale. Students will be given a class period in their schedule and manage their course work through AACCS's online software. Enrollees need to be self-directed and motivated to work at an individual pace. Material covered includes mental disorders (including an examination of causes, symptoms, treatment and management), anxiety disorders, mood disorders, personality disorders and schizophrenia. Students explore problems in the field of abnormal psychology and discuss current attempts to solve them.

**Course Fee: TBD**

***Prerequisites: Successful completion of PSY 111.***

SOC 111 - INTRODUCTION TO SOCIOLOGY (ONLINE) – Grades 11-12

Credit: 0.5

Course# TBD

Learn sociological principles and perspective as a way of understanding everyday social life. Study meaning and functions of various rules in historical and contemporary societies. Evaluate cause, consequences, and comparisons of social hierarchies. Learn sociological principles and perspectives as a way of understanding everyday social life. Study meanings and functions of various roles in historical and contemporary societies. Evaluate causes, consequences and comparisons of social hierarchies

**Course Fee: TBD**

**Prerequisites: Minimum GPA of 3.5, minimum of 83% (B) in English and Social Studies and approval from the Upper School Head. Successful completion of Introduction to Sociology.**

AFRICAN AMERICAN HISTORY (ONLINE) – Grades 11-12

Credit: 0.5

Course# AFA214

Evaluates significant contributions made by African Americans to the American past. Uses oral and visual impressions of important issues and personalities of our nation's African American heritage through media presentations.

**Course Fee: TBD**

**Prerequisites: Minimum GPA of 3.5, minimum of 83% (B) in English and Social Studies and approval from the Upper School Head.**

INTRODUCTION TO CRIMINAL JUSTICE (ONLINE) – Grades 11-12

Credit: 0.5

Course# CJS111

A survey of history, development and philosophy of law enforcement. Introduces the local, state, and federal agencies involved in the administration of criminal justice. The court and trial process are included.

**Course Fee: TBD**

**Prerequisites: Minimum GPA of 3.5, minimum of 83% (B) in English and Social Studies and approval from the Upper School Head.**

## TECHNOLOGY

CAD (COMPUTER-AIDED DESIGN) DRAWING WITH SKETCHUP – Grades 9-12

Credit: 0.5

Course #892

An excellent choice for beginning to learn SketchUp, this course is intended for students with little or no 3D drawing or SketchUp experience. Students interested in pursuing a career in architecture or engineering are encouraged to take this course. Topics include: mastering the Rotate tool; creating new terrains and editing existing terrains; optimizing photo textures; organizing your collections in the Google 3D Warehouse; using LayOut to manage styles and work with dimension.

AUTOCAD – Grade 9-11

Credit: 0.5

Course #895

This course provides students with an understanding of the fundamental concepts related to communicating engineering-related technical information/design ideas. Through a series of hands on experiences, students will become familiar with the sketching, lettering, scale drawing, print reading, visualization, dimensioning and problem-solving techniques used by engineers and designers.

**Prerequisite: Successful completion of CAD.**

ENGINEERING THROUGH ROBOTICS – Grades 9-12

Credit: 0.5

Course #883

Students are introduced to both the theory and practice of the development of hardware and the programming of robots to perform rudimentary tasks. Students will be expected to construct several functional robots that will be programmed to perform simple tasks as part of the course. Several projects are required throughout the course. Students investigate the concepts of robotics and its history through discussion, demonstration, readings and research.

INTRODUCTION TO COMPUTERS AND NETWORKING – Grades 9-12

Course: 0.5

Course #894

This course will introduce students to basic computer knowledge and servicing skills. Students will obtain a fundamental understanding of computer hardware, operating system, software and network terminology. Students in this class diagnose and troubleshoot basic computer hardware, operating system and networking issues. Students, with direction, will build their own desktop computer as well as a local area network during labs in the class. Ideally, the skills learned in the class will lay a foundation for obtaining the CompTIA A+ certification, but all students completing the class possess essential computing knowledge for application in an increasingly technological world.

INTRODUCTION TO COMPUTER PROGRAMMING – Grades 9-12

Credit: 0.5

Course #891

This course is an introduction to the theory and practice of computer programming designed for students who have an interest in

computer programming or as a stepping-stone to AP Computer Science. Students will learn how to use different programming languages and environments to deconstruct and solve problems. Topics include looping, Boolean and game logic, data collection, object-oriented programming, and simulations. No previous computer programming experience is required.

#### WEB DESIGN – Grades 9-12

Credit: 0.5

Course #885

This course introduced basic web design concepts such as layout, color usage, and navigation as well as project management, collaboration and working with clients. Students will learn to create basic web pages in HTML code and learn the advantages of using CSS code to both style and manage web pages and sites. The course then moves on to the Adobe CS6 Suite of software DreamWeaver, Fireworks, Photoshop, and Flash and how this industry standard software package can be leveraged to develop and maintain dynamic websites. Students have the opportunity to create, revamp, and design websites.

#### COMPUTER SCIENCE PRINCIPLES (AP) – Grades 11-12

Credit 1.0

Course #896

The AP Computer Science Principles course is designed to be equivalent to a first- semester introductory college computing course. In this course, students will develop computational thinking skills vital for success across all disciplines, such as using computational tools to analyze and study data and working with large data sets to analyze, visualize, and draw conclusions from trends. The course engages students in the creative aspects of the field by allowing them to develop computational artifacts based on their interests. Students will also develop effective communication and collaboration skills by working individually and collaboratively to solve problems and will discuss and write about the impacts these solutions could have on their community, society, and the world.

**Course Fee: see page 1**

***Prerequisites: Minimum of 93% (A) in Introduction to Computer Programming***

#### COMPUTER SCIENCE A (AP) – Grade 11-12

**WILL BE OFFERED IN 2021-2022**

Credit: 1

Course #282

This is an introductory programming course for students who plan to major in disciplines that require significant involvement with technology (computer science, mathematics and engineering). The course is to introduce students to the major concepts and tools for problem solving in a computer science environment. A large part of the course is built around development of computer programs or parts of programs that correctly solve a given problem. The course emphasizes design issues that make programs understandable, adaptable and, when appropriate, reusable. At the same time, students focus on development and analysis of algorithms, fundamental data structures and study of standard algorithms and typical applications.

**Course Fee: See page 1**

***Prerequisites: Successful completion of Computer Science Principles, minimum of 93% (A) in Introduction to Computer Programming.***

## THEOLOGY

### \* - Required Classes

#### **Grade 9 Options (1 credit required)**

\*The Bible I (0.5)

\*The Bible II (0.5)

#### **Grade 10 Options (1 credit required)**

Understanding Catholic Christianity I (0.5)

Understanding Catholic Christianity II (0.5)

Philosophy: Logic and Ethics (0.5)

#### **Grade 11 Options (1 credit required)**

\*Catholic Social Teachings (0.5)

Morality (0.5)

World Religions I (0.5)

Philosophy: Logic and Ethics (0.5)

#### **Grade 12 Options (1 credit required)**

\*World Religions I (0.5)

World Religions II (0.5)

Philosophy: Logic and Ethics (0.5)

1804: Ministry of Leadership (1.0)

#### GRADE 9 THEOLOGY – THE BIBLE I

Credit: 0.5 **(REQUIRED)**

Course: #540

This course introduces students to the Sacred Scriptures and to the unfolding of salvation history, with a focus on Jesus Christ as the fulfillment of salvation history. Revelation, both Divine and natural, is explored, as are inspiration, interpretation, and exegesis. Students will explore Biblical texts that begin with Creation and end with establishment of The Church.

### 9<sup>TH</sup> GRADE THEOLOGY – THE BIBLE II

Credit: 0.5 (REQUIRED)

Course: 541

This required course continues to introduce students to the Sacred Scriptures and to the unfolding of salvation history, with a focus on Jesus Christ as the fulfillment of salvation history. Revelation, both Divine and natural, is explored, as are inspiration, interpretation, and exegesis. Students will explore Biblical texts that begin with Creation and end with establishment of The Church.

### 10<sup>TH</sup> GRADE THEOLOGY – UNDERSTANDING CATHOLIC CHRISTIANITY I

Credit: 0.5

Course# 550

What does it mean for a school to have a specifically Catholic identity when our students are religiously diverse? Maryvale is challenged to clarify and foster our Catholic identity. What we owe the students, Catholic and non-Catholic alike, is the opportunity to understand and appreciate the bedrock foundation, the Catholic heritage on which this school community's identity is based. Students study the basics of the Catholic faith. We learn a common vocabulary that will follow them throughout her Theology classes. This class is not to convert but rather give all students an even playing field for what is Catholic and how to worship together. We study the Church and the Sacramental life of its believers.

### 10<sup>TH</sup> GRADE THEOLOGY – UNDERSTANDING CATHOLIC CHRISTIANITY II

Credit: 0.5

Course# 551

Students continue to study the basics of the Catholic faith. We learn a common vocabulary that will follow them throughout her Theology classes. This class is not to convert but rather give all students an even playing field for what is Catholic and how to worship together. We study the Church and the Sacramental life of its believers.

### PHILOSOPHY - Grade 10-12 (Fall & Spring Semesters)

Credit: 0.5

Course #564

A challenging elective course that examines the foundations of logic, ethics, and epistemology in the classical tradition. Primary sources from the classical world, particularly Greece, constitute the main emphasis of reading and discussion along with significant works by modern authors. Explored topics include logic, metaphysics, epistemology, ethics, religion and political philosophy.

***Prerequisites: For rising sophomores: 83% (B) or higher in Global Studies and Theology***

### CATHOLIC SOCIAL TEACHINGS – Grade 11

Credit: 0.5 (REQUIRED)

Course #562

In their 1998 statement Sharing Catholic Social Teaching, the U.S. Catholic bishops offer this assessment of the state of Catholic education for social justice: [There are] many innovative efforts by Catholic educators to communicate the social doctrine of the Church. At the same time, however, in some educational programs Catholic social teaching is not really shared or not sufficiently integral and explicit. As a result, far too many Catholics are not familiar with the basic content of Catholic social teaching. More fundamentally, many Catholics do not adequately understand that the social teaching of the Church is an essential part of Catholic faith. This poses a serious challenge for all Catholics, since it weakens our capacity to be a Church that is true to the demands of the Gospel.

### MORALITY – Grade 11

Credit: 0.5

Course #563

God's Law is a tremendous gift for us. Unfortunately, some people do not see it this way. They believe that Christian morality is only about rules, faithfully following do's and don'ts as sort of a divine test to pass to get into Heaven. But Divine Law is not a test. In his teaching Jesus Christ reveals that the real meaning of the moral law is more than just following rules. The "rules" only serve a greater purpose; they are not an end in themselves. God's Law is meant to be a teacher, teaching us how to truly love him, our neighbors, and ourselves.

### WORLD RELIGIONS I – Grades 11-12

Credit: 0.5 (REQUIRED)

Course #573

The course is an introduction to world religions. It is designed to educate and bring awareness of the major religions of the world, including but not limited to Hinduism, Buddhism, Judaism, Islam, and Christianity. As a Catholic preparatory school, this course responds to the document, *Nostra Aetate*, (Latin - *In Our Time*), the *Declaration on the Relation of the Church to Non-Christian Religions*. In this milestone document, the Second Vatican Council called for mutual understanding between Catholics and other religious traditions:

*The Church therefore, exhorts her sons, that through dialogue and collaboration with the followers of other religions carried out with prudence and love in witness to the Christian faith and life, they recognize, preserve, and promote the good things, spiritual and moral, as well as the socio-cultural values found among these men. (Nostra Aetate, 3)*

By studying the various religions, students will gain a deeper understanding of her personal convictions and faith while appreciating the belief system of others.

### WORLD RELIGIONS II – Grade 12

Credit: 0.5

Course #TBD

This course continues the exploration in world religions. Students will be exposed to various lesser known religions. By studying the

various religions, students will gain a deeper understanding of her personal convictions and faith while appreciating the belief system of others.

1804 – THE MINISTRY OF PEER LEADERSHIP - Grade 12

Credit: 1.0

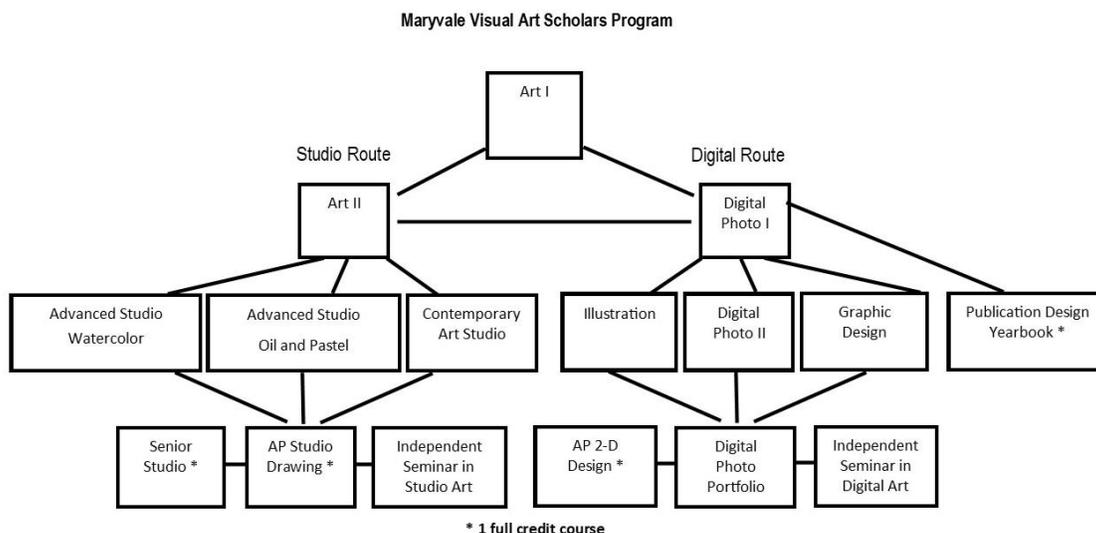
Course #575

This year-long course, named after the year the SND's were founded, allows students to go deeper in their own faith while encouraging and leading others to do the same. These leaders will help take Maryvale's campus ministry to the next level, transforming its programs and events to be student-minded, relevant and engaging. Students need to be willing to explore their own faith, be comfortable challenging others and being challenged, and willing to share their story. Students will be expected to assist, plan and oversee liturgies, service activities, retreats and prayer services. This class will develop skills regarding public speaking, event planning and discipleship. **Prerequisites: Admittance only by application and selection process.**

## VISUAL ARTS

**VISUAL ART SCHOLARS PROGRAM – Grades 9-12**

Students with a strong interest in Visual Art may choose to apply to Maryvale's Visual Art Scholars Program. Interested students should contact the Art Department Chair, Ms. Kozak for an application and interview. Visual Art Scholars are permitted to take a 2nd Art elective in 9th and 10th grades. Students accepted into the program will successfully complete 4 full credits of Visual Art courses and be awarded a certificate upon graduation.



**ART I/ART FOUNDATIONS – Grade 9-12**

Credit: 0.5

Course #480

Art I is a semester long course that will enable students to gain an understanding of the value of art in their daily lives. Students learn fundamental skills in the creation of art. This course introduces students to creative problem solving as well as observational drawing skills. Students will acquire the visual vocabularies of art history and criticism. Learning how to give and receive constructive feedback also will be a component of the class. There is no need to purchase a text; students will use a classroom set of the text, "The Visual Experience." Students are required to keep a journal as well as visit a museum independently. This course satisfies half of the Fine Arts graduation requirement and provides a foundation for further specialized study in art. There is no prerequisite; however this class is a prerequisite for all other art courses.

**Course Fee: \$75**

**ART II / INTERMEDIATE STUDIO – Grades 10-12**

Credit: 0.5

Course #481

Art II builds on the experiences and skills taught in Art I. This course will strengthen students' observational skills through an emphasis on drawing from life and the creation of original art. Students have the opportunity to use a variety of media and solve artistic problems through assignments requiring unique and personal solutions. Emphasis will be placed on breadth of experiences via exposure to many types of art media and techniques. New media included in this course are conte crayon, pen and ink, colored pencil and charcoal. Artwork from this class will be the beginning of building a college portfolio. Art history, criticism and aesthetics are important components of the class. All students will keep a journal and be required to visit a museum independently.

**Course Fee: \$50**

***Prerequisite: Successful completion Art I.***

ADVANCED STUDIO: OIL and PASTEL (HONORS) – Grades 10-12

Credit: 0.5

Course #482

Advanced Studio I is a studio course that build upon Art I and Art II. This course continues to allow students to work with a broad range of media and techniques, including oil painting and pastel. Projects that advance creative problem-solving skills include personal still life, landscape and surrealism. Cultivation of personal style will be introduced. Contemporary trends in art as well as art history and criticism will be integrated through readings and class discussions. Students will create a digital portfolio of their work throughout the course of the year. Students will be required to visit a museum independently.

**Course Fee: \$75**

***Prerequisites: Successful completion of Art II or permission of the instructor.***

ADVANCED STUDIO: WATERCOLOR & SELF EXPLORATION (HONORS) - Grades 10-12

Credit: 0.5

Course #487

This Advanced Studio course allows students to learn the medium of watercolor in addition to working with a wide range of media and techniques. Watercolor and the creation of a series of related works are explored. Strong emphasis is placed upon artistic voice, experimentation and personal style. Contemporary trends in art as well as art history and criticism will continue to be integrated through readings and class discussions. Students create a digital portfolio of their work from throughout the year. Students will be required to visit a museum independently.

**Course Fee: \$75**

***Prerequisites: Successful completion of Art I and Art II or permission of the Instructor.***

CONTEMPORARY ART STUDIO – Grades 11-12

Credit: 0.5

Course #485

“Contemporary Art Studio” is designed to provide students with an upper-level course that fuels their understanding of contemporary art and its functions in modern society. As a cornerstone of the course, students will study many well-known contemporary artists and create artwork in the style of these artists. We will study painters, contemporary painters, photographers, installation artists, collage artists, and sculptors. By creating artwork in the style of another artist, students learn a variety of new visual thinking processes. By the end of this course, students will have grown their understanding of contemporary art and their ability to solve life’s problems visually. Formal as well as informal critiques and criticism of both student work and professional artwork will take place on a regular basis.

**Course Fee: \$50**

***Prerequisites: Successful completion of Art I and Art II.***

DIGITAL PHOTOGRAPHY I – Grades 10-12

Credit: 0.5

Course #483

Digital Photography I provides students with an introduction to Digital Photography using Digital SLR Nikon/Cannon cameras and Adobe editing software. The basis of this one semester course is a focus on the four major components of photography: Light, Subject, Background and Moment. Students will learn about a variety of photography processes including: Black and White photography, Manual Mode Light Metering, Aperture Priority settings, and Photoshop manipulation assignments. Students will be inspired by famous photographers throughout history as well as contemporary photographers living and working in today’s economy. Students will have an option to borrow materials including camera, lenses, and tripods for use outside of Maryvale. Formal as well as informal critiques and criticism of both student work and professional photography will take place on a regular basis.

**Course Fee: \$50**

***Prerequisites: Successful completion of Art I.***

DIGITAL PHOTOGRAPHY II – Grades 10-12

Credit: 0.5

Course#484

Digital Photography II builds on the skills learned in Digital Photography I to advance the student’s knowledge of Digital Photography I to advance the student’s knowledge of Digital Photography and the Adobe editing suite. Digital Photography II focuses on finding and developing your own photographer’s aesthetic. Lighting, camera settings and higher-level photographic techniques and editing are covered in this one semester course. Students will learn to critique and inquire about contemporary photography as well as traditional photography processes. Formal as well as informal critiques and criticism of both student work and professional photography will take place on a regular basis.

**Course Fee: \$50**

***Prerequisites: Successful completion of Digital Photography I.***

DIGITAL PHOTOGRAPHY PORTFOLIO (HONORS) – Grade 11-12

Credit: 0.5

Course # 494

This course is designed for the serious art student who wishes to delve deeper into their digital art and photography practice. Students

will create a digital portfolio of artworks that represent their own passions based on a series of prompts. Students will be encouraged to become independent thinkers who contribute inventively to our society. This course is designed as a possible pre-cursor to taking AP 2-D Design in senior year but can also be taken as the culminating digital art course in junior or senior year. To be admitted into the class, students must submit a written personal statement and obtain permission of the instructor. Contemporary and traditional art history and criticism are important components of the class.

**Course Fee: \$50**

***Prerequisites: Digital Photo I and one or more of the following: Digital Photo II, Graphic Design, or Illustration***

ILLUSTRATION – Grades 11-12

Credit: 0.5

Course #488

“Illustration” is designed to provide students with an introduction to an Illustrators mindset using both physical drawing techniques and digital methods. Students will use a variety of painting and drawing materials in addition to Digital Wacom Tablets, Adobe Photoshop and Adobe Illustrator editing software. Students will learn about the industry components of Illustration including: Book Cover Design, Product Illustration and Editorial Illustration. Participants will be inspired by famous illustrators throughout history as well as contemporary Illustrators living and working in today’s economy. Formal as well as informal critiques and criticism of both student work and professional illustration will take place on a regular basis.

**Course Fee: \$75**

***Prerequisites: Successful completion of Art I and Digital Photography I or approval of instructor.***

GRAPHIC DESIGN - Grades 10-12

Credit: 0.5

Course #486

Graphic Design is a course created to provide students with an introduction to the professional world of Graphic Design using the Adobe Editing Suite and modern design principles. Students solve real-world design problems mirrored on the curriculum of a college- level Introduction to Graphic Design course. In addition to continuing their education in Adobe Photoshop, students will utilize other Adobe programs to create a variety of projects including social justice poster creation, logo design, package design and product photography. Formal as well as informal critiques and criticism of both student work and professional Graphic Design work will take place on a regular basis.

**Course Fee: \$75**

***Prerequisites: Successful completion of Art I and Digital Photography I.***

PUBLICATION DESIGN (YEARBOOK) – Grades 10-12

Credit: 1

Course #185

Publication Design, formerly called Yearbook, develops student skills in the fundamental principles of journalistic writing, editorials, themes, coverage and design as integral parts of the course. Students learn journalistic writing, design, photography and layout skills as well as gain proficiency in Josten’s yearbook design software. Students apply these basic principles to publication of the student yearbook. A creative mind and attention to detail are essential parts to a successful Yearbook staff member. Students may choose to take this class more than one time by becoming the “editor” of the yearbook during their second year with special approval by administration and staff.

***Prerequisites: Successful completion or concurrent with Digital Photography I or approval of instructor.***

AP DRAWING – Grades 11-12

Credit: 1

Course #490

This course is designed for the student - with serious interest in art - who wishes to prepare a portfolio for submission to the College Board. In order to be admitted into the course, students must submit a written personal statement, complete an assigned summer art project and gain permission of the instructor. This course is designed for the student with a strong commitment to her work, self-motivation and plans to major or minor in art in college. Art is an ongoing process that engages the student in critical decision-making will be emphasized. Students are encouraged to become independent thinkers who contribute inventively to our culture. Students will demonstrate mastery in concepts, composition and techniques through the three components of an AP portfolio: quality, concentration and breadth. Students also will be expected to visit local museums and galleries independently.

**Course Fee: \$50 and see page 1**

***Prerequisites: Admission Application and permission of the instructor***

AP 2D DESIGN – Grade 12

Credit: 1

Course # 493

This course is designed for the student - with serious interest in art - who wishes to prepare a portfolio for submission to the College Board. In order to be admitted into the course, students must submit a written personal statement, complete an assigned summer art project and gain permission of the instructor. This course is designed for the student with a strong commitment to her work, self-motivation and plans to major or minor in art in college. Art is an ongoing process that engages the student in critical decision-making will be emphasized. Students are encouraged to become independent thinkers who contribute inventively to our culture. Students will demonstrate mastery in concepts, composition and techniques through the three components of an AP portfolio: quality, concentration and breadth. Students also will be expected to visit local museums and galleries independently.

**Course Fee: \$50 and see page 1**

***Prerequisites: Admission Application and permission of the instructor***

SENIOR STUDIO PORTFOLIO PREPARATION – Grade 12

Credit: 1

Course #491

This course is designed for the serious art student who wishes to prepare an art portfolio. In order to be admitted into the class, students must submit a written personal statement, complete an assigned summer art project and obtain permission of the instructor. Students will be encouraged to become independent thinkers who contribute inventively to our culture by making art. Art history and criticism are important components of the class. Students will be required to visit a museum independently.

**Course Fee: \$50**

***Prerequisites: Art I, Art II and at least one other Art course or permission of the instructor***

INDEPENDENT SEMINAR IN STUDIO ART - Grades 11-12

Credit: 0.5

Course #495

This semester long course is designed for the serious art student that is self -motivated. Curriculum for this course will be developed on an individual basis to meet the needs of each student. Students can work in their choice of media. This course provides an opportunity for in-depth investigation and focused exploration of a topic of your choosing. Contracts and progress will be reviewed a minimum of once a week. A museum visit and study of Art History as it relates to the work will be required through completion of a process diary, journal entry and written report.

**Course Fee: \$50**

***Prerequisites: Art 1, Art 2 or Digital Photo 1, and any Advanced Honors course (Advanced Studio Honors Oil, Advanced Studio Honors Watercolor, Advanced Digital Media Honors) and Admission Application and permission of instructor***

INDEPENDENT SEMINAR IN DIGITAL ART - Grades 11-12

Credit: 0.5

Course #TBD

This semester long course is designed for the serious art student that is self -motivated. Curriculum for this course will be developed on an individual basis to meet the needs of each student. Students can work in their choice of media. This course provides an opportunity for in-depth investigation and focused exploration of a topic of your choosing. Contracts and progress will be reviewed a minimum of once a week. A museum visit and study of Art History as it relates to the work will be required through completion of a process diary, journal entry and written report.

**Course Fee: \$50**

***Prerequisites: Art 1, Art 2 or Digital Photo 1, and any Advanced Honors course (Advanced Studio Honors Oil, Advanced Studio Honors Watercolor, Advanced Digital Media Honors) and Admission Application and permission of instructor***

<h2>WORLD LANGUAGES</h2>
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**Students are required to complete three years in one World Language in Upper School to meet the requirements for graduation, but we strongly encourage language study every year of Upper School. Students with a documented language waiver are exempt. Online elective courses do not satisfy the graduation requirement.**

FRENCH I

Credit: 1

Course #340

This course introduces students to French language and cultures of French speaking people around the world. The 90/10 immersion model is introduced, while implementing the 5 C's of ACTFL Standards: communications, cultures, connections, comparisons, and community. Students will begin simple conversations, be exposed to basic sounds, readings, and listening exercises at the novice level. Through a variety of media, students experience culture and learn to communicate and comprehend what they hear and read in French.

FRENCH II

Credit: 1

Course #350

The curriculum reinforces and further develops language skills and knowledge of French speaking cultures. Students continue toward developing proficiency with the 90/10 immersion model, the 5 C's of ACTFL Standards: communications, cultures, connections, comparisons, and community. Students will learn about more complex simple conversations, be exposed to basic sounds, readings, and listening exercises at a more sophisticated level. Through a variety of media, students experience culture in a more authentic way and pursue opportunities for project-based learning.

***Prerequisites: New students are required to take a proficiency test for placement; current students must successfully complete French I and have current teacher recommendation.***

FRENCH II HONORS

Credit: 1

Course #354

This course mirrors the French II curriculum but moves at a faster pace and covers more material in greater depth. The curriculum

reinforces and further develops language skills and knowledge of French speaking cultures. Students continue toward developing proficiency with the 90/10 immersion model, the 5 C's of ACTFL Standards: communications, cultures, connections, comparisons, and community. Students will learn about more complex simple conversations, be exposed to basic sounds, readings, and listening exercises at a more sophisticated level. Through a variety of media, students experience culture in a more authentic way and pursue opportunities for project-based learning.

***Prerequisites: New students are required to take a proficiency test for placement; current students must successfully complete French I and have current teacher recommendation.***

#### FRENCH CULTURAL CONNECTIONS

Credit: 1

Course #362

This advanced course explores the cultures of the French-speaking world through conversations. Students interact with their instructor, each other and a variety of French speakers. Vocabulary, grammar review and discussions are integrated through readings, music, film and art. Students will participate in discussions and create and deliver thematic projects entirely in French. This year-long course includes actual and virtual field trips and guest speakers. Students are evaluated exclusively on their oral command of the language and demonstration of cultural understanding through project-based assessments.

***Prerequisites: Successful completion of French II and teacher recommendation.***

#### FRENCH LITERATURE AND CONVERSATIONS

**WILL BE OFFERED IN 2021-2022**

Credit: 1.0

Course #368

Thematic units explore conversational topics of interest to students, which also allows them to explore and discuss various literary works. The literature includes exposure to literary masters of the French-speaking world, as well as the opportunity to read selections popular in current Young Adult Fiction. The content highlights improving speaking and reading skills, with a brief grammatical review.

***Prerequisites: Successful completion of French II and current teacher recommendation.***

#### FRENCH III (HONORS)

Credit: 1

Course #364

French III Honors moves at a faster, more independent pace and is for students who intend to continue their French studies with French IV Honors followed by a fifth year, either in French V Honors or Advanced Placement. In addition to strengthening vocabulary and grammar skills, students learn to retell and analyze a story in the past timeframe and begin to communicate about experiences beyond their personal activities, setting the stage for discussing more abstract concepts. In the spring, students read a mystery novel and study the historical relevance of its locale (Versailles). Other authentic materials (podcasts, film, news articles and video reporting, and music) are used throughout the year to further build language competency while exploring the francophone world and beyond. This class is conducted almost entirely in French.

***Prerequisites: Successful completion of French II and current teacher recommendation.***

#### FRENCH IV (HONORS)

Credit: 1

Course #374

Focusing on the application and integration of advanced grammar concepts and vocabulary, this course prepares students for AP French and collegiate language study in an immersion experience. Students develop more precise and sophisticated ways of expressing opinions and making cultural comparisons in presentational and interpersonal conversation and writing. In the second semester, students read Antoine de St. Exupéry's classic novella *Le Petit Prince* and analyze its literal and philosophical meaning. They further explore other late 19th to mid-20th century literary works, such as those of Guy de Maupassant and Jules Verne. Discussion is given to French colonialism during this period and the rise of the Negritude literary movement born in the Caribbean and Africa. This class is conducted entirely in French. **Required Summer Assignment.**

***Prerequisites: Successful completion of French III (Honors) and current teacher recommendation.***

#### FRENCH V (HONORS)

Credit: 1

Course #377

This course follows the AP French Language and Culture curriculum as well as a summary of grammar and themes that students studied in levels 1-4. Students are not required to take the AP exam. This course will prepare students for collegiate language study and/or an immersion experience. Class performance and requirements are comparable to a college-level French course. In accordance with the communicative goals of the program, students engage in a variety of oral and written activities every day, refining their listening, speaking, reading and writing skills. The class is conducted entirely in French.

***Prerequisites: Successful completion of French IV (Honors) and current teacher recommendation. Previous French grades, responsibility and enthusiasm will all be factors in the selection process. The department will make the final decision.***

#### FRENCH V – LANGUAGE AND CULTURE (AP)

Credit: 1

Course #386

This class is intended for students who have successfully completed four years of French and enthusiastically commit to the rigors and

rewards of a college-level course. They will have developed a high level of competence in interpersonal and presentational communication, exhibit strong intellectual curiosity, and a deep interest in the French language and francophone cultures. The course is organized around six essential themes: Families and Communities; Science and Technology; Aesthetics; Contemporary Life; Global Challenges; and Personal and Public Identities. Such topics are viewed through a cultural lens and will require students to make connections between their own communities and other communities in the francophone world. Throughout the year students will use the text *Thèmes*, supplemented by a wide variety of authentic audio and video recordings and readings to hone their analytical and communication skills, while also practicing the test-taking skills necessary to succeed on the Advanced Placement exam. Classroom activities center on lively discussions and debates, writing and formal oral presentations. All students are required to take the AP exam at the end of the year. AP French Language and Culture is conducted entirely in French. **Required Summer Assignment.**

**Course fee: See page 1**

**Prerequisites: Minimum of 87% (B+) in French IV (Honors) and current teacher recommendation**

**SPANISH I**

Credit: 1

Course #341

This course introduces students to Spanish language and the cultures of Spanish speaking people around the world. The 90/10 immersion model is introduced, while implementing the 5 C's of ACTFL Standards: communications, cultures, connections, comparisons, and community. Students will begin simple conversations, be exposed to basic sounds, readings, and listening exercises at the novice level. Through a variety of media, students experience culture and pursue opportunities for project-based learning. The course may highlight connections between Spanish and the content of other disciplines, including English and Latin.

**SPANISH II**

Credit: 1

Course #351

The curriculum in Spanish II reinforces and further develops language skills and knowledge of Spanish speaking cultures around the world. Students will continue toward developing proficiency with the 90/10 immersion model, the 5 C's of ACTFL Standards: communication, cultures, connections, comparisons, and community. Students will learn about more complex simple conversations, be exposed to basic sounds, readings, and listening exercises at a more sophisticated level. Through a variety of media, students experience culture in a more authentic way and pursue opportunities for project-based learning.

**Prerequisites: New students are required to take a proficiency test for placement; current students must successfully complete Spanish I and have current teacher recommendation.**

**SPANISH II (HONORS)**

Credit: 1

Course #355

This course mirrors the Spanish II curriculum but moves at a faster pace and covers more material in greater depth. The 90/10 immersion and the implementing the 5 C's of the ACTFL Standards are presented in a more challenging format. Students who demonstrate a strong skill set for language-learning that includes memorization, comprehension, and synthesizing information are encouraged to enter the honors program. The Honors track is designed to lead and prepare the students for the AP Spanish course and test.

**Prerequisites: New students are required to take a proficiency test for placement; current students must successfully complete Spanish I and have current teacher recommendation.**

**SPANISH III**

Credit: 1

Course #361

The course guides students to the next level of proficiency in language acquisition. A mastery of basic Spanish grammar is required at the onset of this course, which throughout the year integrates advanced grammar and vocabulary concepts in thematic units. An emphasis on the 5 C's of the ACTFL Standards are heavily integrated into practical application of the language. The four aspects of language learning (listening, speaking, reading and writing) are further developed using the 90/10 immersion model.

**Prerequisites: Successful completion of Spanish II and current teacher recommendation.**

**SPANISH III (HONORS)**

Credit: 1

Course #365

This course moves at a faster, more independent pace and is for students who intend to take Spanish IV Honors followed by AP Spanish. Students are guided to the next level of proficiency in language acquisition. A mastery of basic Spanish grammar is required at the onset of this course, which throughout the year integrates advanced grammar and vocabulary concepts in thematic units. The four aspects of language learning (listening, speaking, reading and writing) are further developed. The culture and history of Spanish speaking countries are explored. This class is conducted almost entirely in Spanish.

**Prerequisites: Successful completion of Spanish II (Honors) and current teacher recommendation.**

**SPANISH IV**

Credit: 1

Course #369

The course guides students to the next level of proficiency in language acquisition. A mastery of advanced Spanish grammar is required at the onset of this course, which throughout the year integrates advanced grammar and vocabulary concepts in thematic units. An emphasis on the 5 C's of the ACTFL Standards are heavily integrated into practical application of the language. The four aspects

of language learning (listening, speaking, reading and writing) are further developed with an increased emphasis on speaking and listening skills. This class is conducted almost entirely in Spanish.

***Prerequisites: Successful completion of Spanish III and current teacher recommendation.***

#### SPANISH IV (HONORS)

Credit: 1

Course #375

Focusing on the application and integration of advanced grammar concepts and vocabulary, this course prepares students for AP Spanish. A strong foundation in advanced grammar, vocabulary and communicative competency is required at the onset of the class, and student skills are refined throughout the year. The four aspects of language learning (listening, speaking, reading and writing) are developed through daily oral and written activities, with a heightened focus on Spanish and Latin American literature and culture. This class is conducted entirely in Spanish.

***Prerequisites: Successful completion of Spanish III Honors and current teacher recommendation.***

#### SPANISH V

Credit: 1

Course #381

This advanced course explores the cultures, current issues that affect the Spanish-speaking world and practical ways to apply language skills in authentic situations. Primarily through conversational skill-building, students interact with their instructor and one another. There is a strong review of past grammar and vocabulary the first semester. The second semester focuses on introducing and working new tenses such as the subjunctive in all its forms. Conducted in full immersion, the curriculum uses multimedia, art, music, field trips, and guest speakers to bring the lessons to life.

***Prerequisites: Successful completion of Spanish IV and current teacher recommendation.***

#### SPANISH V (HONORS)

Credit: 1

Course #377

This course follows the AP Spanish Language and Culture curriculum as well as a summary of grammar and themes that students studied in levels 1-4. Students are not required to take the AP exam. This course will prepare students for collegiate language study and/or an immersion experience. Class performance and requirements are comparable to a college-level Spanish course. In accordance with the communicative goals of the program, students engage in a variety of oral and written activities every day, refining their listening, speaking, reading and writing skills. The class is conducted entirely in Spanish.

***Prerequisites: Successful completion of Spanish IV (Honors) and current teacher recommendation. Previous Spanish grades, responsibility and enthusiasm will all be factors in the selection process. The department will make the final decision.***

#### SPANISH V–LANGUAGE AND CULTURE (AP)

Credit: 1

Course #387

This course prepares students for the AP Spanish Language and Culture Examination, collegiate language study and/or an immersion experience. Class performance and requirements are comparable to a college-level Spanish course. In accordance with the communicative goals of the program, students engage in a variety of oral and written activities every day, amplifying and refining their listening, speaking, reading and writing skills. The class is conducted entirely in Spanish.

**Course fee: See page 1**

***Prerequisites: Minimum of 87% (B+) in Spanish IV (Honors) and current teacher recommendation***

## VIRTUAL HIGH SCHOOL (VHS) COURSES

### **Performing Arts through VHS**

#### SHAKESPEARE IN FILM – Grade 11-12

Credit: 0.5

Course #179

In this class, students read four Shakespearean plays - *Romeo and Juliet*, *Much Ado About Nothing*, *Henry V*, and *Hamlet* - and then view a variety of scenes from these plays performed by many popular actors. The focus of the assignments will be discussions and compositions on choices the actors and directors have made and how those different choices lend different meanings to the plays.

Some of the topics include:

- family relationships
- love
- imagery
- life decisions
- tragedy vs comedy
- visual and aural aspects of a film
- death
- and many other common literary themes as well as film technology.

Join this class for a semester of reading, watching videos, and discussing the Bard.

## **World Languages through VHS**

Language courses selected through VHS are designed to expose students to a new language, one not offered in the Maryvale curriculum. Taking any of these courses does not reduce the three-year world language requirement for graduation.

### **SEMESTER ELECTIVES**

#### ITALIAN LANGUAGE AND CULTURE (HONORS) – Grades 9-12

Credit: 0.5

Course #388

This 15-week course is an introduction to the basics of Italian language and culture. Students study the language while learning about the people who speak it, their history, interests and pastimes. Participants learn simple expressions to help introduce oneself, talk about likes and dislikes, family, order food, haggle with the open market vendors, take a train, and shop. Students will discover the beauty of Italian cities through video; listen to Italian nursery rhymes and pop music. The course's main objective is to inspire students to continue to learn the language and to one day experience the country.

***Prerequisite: Minimum GPA of 3.5***

#### GERMAN LANGUAGE AND CULTURE (HONORS) – Grades 9-12

Credit: 0.5

Course #391

This 15-week course introduces students to basic German language skills and both contemporary and historical German culture. Students use PowerPoint presentations, voice recordings, authentic German websites, German songs, videos and snapshots from the German-speaking world, radio broadcasts, and newspaper/magazine articles to support their learning. Students can look forward to the following topics: greetings and good-byes; the alphabet and pronunciations; describing themselves, friends, and family members; numbers and counting; telling time; German pronouns and articles; asking and answering basic questions; describing the seasons and weather; describing home; expressing interests and hobbies; talking about food, books, movies, music, and shopping; recognizing basic rules of German word order. Alongside these language components, students will also study: German geography; famous Germans throughout history; contemporary family life; holidays and celebrations; and take a look into modern German history.

***Prerequisite: Minimum GPA of 3.5***

#### MANDARIN CHINESE LANGUAGE AND CULTURE (HONORS) – Grades 9-12

Credit: 0.5

Course #384

This course introduces the essential elements of Chinese language for the novice who has had minimal exposure to the Chinese language and culture. Upon completion, the student will understand the basics of Chinese grammar, the origins of Chinese characters and their pronunciation. The course will also introduce the student to a broad range of topics in Chinese culture. Upon completion, the student will have an understanding of what makes Chinese culture unique, as well as differences and similarities between Chinese culture and the student's native culture.

***Prerequisite: Minimum GPA of 3.5***

#### RUSSIAN LANGUAGE AND CULTURE (HONORS) - Grades 9-12

Credit 0.5

Course #383

This 15-week course introduces the basics of Russian language and culture. Students will learn simple greetings and introductions, Russian culture and its traditions and explore art, music, literature, traditions, holidays, history, and the people. Students will take a virtual tour of the Hermitage State Museum in St. Petersburg, listen to Russian songs, watch Mariinsky Theater Ballet performances, and enjoy Russian rock. Throughout the course, students will communicate in elementary Russian, form and share opinions and attitudes about Russia and its culture, and compare and analyze the differences and similarities between English and Russian languages.

***Prerequisite: Minimum GPA of 3.5***

### **YEAR-LONG ELECTIVES**

#### AMERICAN SIGN LANGUAGE 1 (ASL) (HONORS) – Grades 9-12

Credit: 1.0

Course #389

In this introductory course, you will embark on an exciting journey that will provide you with not only a basic level of proficiency in the most widely used sign language, American Sign Language (ASL); this course will also open a profound window of understanding into the world of Deaf culture and history. Regardless of whether you are already in some way connected to that culture, or whether you have had little-to-no contact with Deaf people, you will deepen your appreciation for this rich and dynamic community.

***Prerequisite: Minimum GPA of 3.5***

#### LATIN 1 (HONORS) – Grades 9-12

Credit: 1.0

Course #395

There are two primary goals of Latin 1. On the one hand, Latin 1 focuses on pronunciation, vocabulary acquisition, and the grammar

of the simple Latin sentence, so that the successful student will gain a rudimentary ability to comprehend Latin. On the other hand, Latin 1 enables the successful student to better understand and use English or other languages. A secondary goal is to introduce the student to Roman history and culture, which so heavily influence our own.

**Prerequisite: Minimum GPA of 3.5**

LATIN 2 (HONORS) – Grades 10-12

Credit: 1.0

Course #397

Latin 2 is a reading-based exploration of Latin grammar. Students are expected to have completed a Latin I course and know the following grammar points: the five declensions; the six tenses in the active voice for the four conjugations and irregular verbs; first, second and third declension adjectives and adverbs; and the demonstrative pronouns hic, ille, and is. The three main goals for the course are: learning grammar and vocabulary and continuing to explore the culture and history of the Romans through research, projects, and discussions. The third goal is to further students' pursuit of the world of the Romans and its impact on today's world.

**Prerequisite: Minimum GPA of 3.5**

PORTUGUESE I (HONORS) - Grades 9-12

Credit: 1.0

Course #399

The primary goal of this course is to acquaint students with the Portuguese language and culture and develop the abilities to communicate and think in Portuguese. The practice with the Portuguese language will mainly involve skills of listening and speaking, but also reading and writing. Introductory knowledge of the Portuguese people, language and culture will be a focal point in this course. Students will write a weekly journal, participate in discussions and debates, listen to online music, complete online grammar activities and engage in some group and individual projects.

**Prerequisite: Minimum GPA of 3.5**

## DUAL ENROLLMENT PROGRAMS

PSY 111 - INTRODUCTION TO PSYCHOLOGY (ONLINE) – Grades 11-12

Credit: 0.5 (First Semester Only)

Course #790

A course intended to teach students the major psychological theories, concepts, and related current research findings. Topics include learning, physiological bases of behavior, motivation and emotions, human development, personality, and abnormal behavior.

Upon successful completion of the course, students will earn 3 credits from Anne Arundel Community College and 0.5 credit from Maryvale. Students will be given a class period in their schedule and manage their course work through AACCS's online software.

Successful students will need to be self-directed and motivated to work at an individual pace. This course is intended to expose students to major psychological theories and concepts and related current research findings. Topics include learning, physiological bases of behavior, motivation and emotions, human development, personality and abnormal behavior.

**Course fee: TBD**

**Prerequisites: Minimum GPA of 3.5, minimum of 85% (B) in English and Social Studies and approval from the Upper School Head. Successful completion of Introduction to Psychology.**

PSY 214 - ABNORMAL PSYCHOLOGY (ONLINE) Grades 11-12

Credit: 0.5 (Second Semester Only)

Course #791

Learn about mental disorders, including an examination of causes, symptoms, treatment, and management. Study disorders such as anxiety, mood, personality, and schizophrenia. Explores problems in the field of abnormal psychology and evaluates current attempts to solve them. Upon successful completion of the course, students will earn 3 credits from Anne Arundel Community College and 0.5 credit from Maryvale. Students will be given a class period in their schedule and manage their course work through AACCS's online software. Enrollees need to be self-directed and motivated to work at an individual pace. Material covered includes mental disorders (including an examination of causes, symptoms, treatment and management), anxiety disorders, mood disorders, personality disorders and schizophrenia. Students explore problems in the field of abnormal psychology and discuss current attempts to solve them.

**Course Fee: TBD**

**Prerequisites: Successful completion of PSY 111.**

SOC 111 - INTRODUCTION TO SOCIOLOGY (ONLINE) – Grades 11-12

Credit: 0.5

Course# TBD

Learn sociological principles and perspective as a way of understanding everyday social life. Study meaning and functions of various roles in historical and contemporary societies. Evaluate cause, consequences, and comparisons of social hierarchies.

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**Course Fee: TBD**

**Prerequisites: Minimum GPA of 3.5, minimum of 85% (B) in English and Social Studies and approval from the Upper School Head. Successful completion of Introduction to Sociology.**

AFRICAN AMERICAN HISTORY (ONLINE) – Grades 11-12

Credit: 0.5

Course# AFA214

Evaluates significant contributions made by African Americans to the American past. Uses oral and visual impressions of important issues and personalities of our nation's African American heritage through media presentations.

**Course Fee: TBD**

***Prerequisites: Minimum GPA of 3.5, minimum of 85% (B) in English and Social Studies and approval from the Upper School Head.***

INTRODUCTION TO CRIMINAL JUSTICE (ONLINE) – Grades 11-12

Credit: 0.5

Course# CJS111

A survey of history, development and philosophy of law enforcement. Introduces the local, state, and federal agencies involved in the administration of criminal justice. The court and trial process are included.

**Course Fee: TBD**

***Prerequisites: Minimum GPA of 3.5, minimum of 85% (B) in English and Social Studies and approval from the Upper School Head.***