



2020 -2021 GRADE 10 COURSE INFORMATION

Students in Grades 9-12 follow a program of studies in English, Modern Language, Mathematics, Fine Arts, Physical Education, Science, Social Studies, Philosophy, and Religious Studies. Students may register for course offerings to meet the grade level requirements and to make appropriate progress towards graduation with the understanding that courses which are under-subscribed may not be offered in a given year.

Secondary School students are guided by their Academic Plan, the IB Coordinator, and teachers to select courses that are appropriate to their own academic needs in agreement with their parents. Difficult scheduling issues may be referred to the Principal for a final decision. Every student is expected to register for a complete schedule of classes.

Grade 10 Typical Schedule	Graduation Requirements
<p>English Biology Chemistry or/and or/and Physics Western Civilization II Mathematics Modern Language Philosophy Religious Education Physical Education/Health Italian Literature 10 Electives</p> <p style="text-align: right;">Required Core Course Required Core Course 2nd Science choice Required Core Course Required Core Course Required Core Course Required Core Course Required Course Required Course Recommended for IB Italian A Students Choice</p>	<p>Marymount’s course of studies offers students a wide range of subjects. A minimum of 20 credits in grades 9-12 is required for graduation. Over the four years of a typical High School program, a student will complete well over the minimum total credits required. Care must be taken to complete subject credit requirements within the total credits earned. Consideration may be given to students who transfer to Marymount and may not have all the required subjects as long as the student has progressed normally within their previous program.</p> <p>To earn a Marymount High School Diploma a student must fulfill (grades 9-12) the following requirements: (1 credit represents a full year in a normally scheduled course)</p>
<p>Electives Choices:</p> <p>Ancient Greek Basic Design Computer Arts I HS Band HS Computer II Model United Nations HS Drama I AP Spanish Language and Culture * Artificial Intelligence and Society</p> <p style="text-align: right;">Latin Drawing and Painting Computer Arts II HS Choir AP U.S. Government, and Politics* HS Drama II Music Production Public Speaking</p> <p>Elective vary from 1 to 2 depending on the schedule module adopted. When choosing your courses please make sure to select 4 possible electives in order of preference. Please see Course selection guide.</p> <p>*Enrichment Program Eligibility Requirements</p>	<p>English 4 credits Social Studies 3 credits Mathematics 3 credits Science 3 credits including 1 year of a Lab Science Fine Arts 1 credit Physical Education 1 credit required in Grades 9-10 (0.5 each year) Modern Language 4 credits or 1 credit each year at Marymount Religious Education 2 credits required each year in attendance at Marymount (0.5 per year)</p>



ENGLISH

ENGLISH 10 STANDARD (Credit: 1)

Students in this course continue their study of literary and non-literary texts and strengthen their ability to express themselves both orally and in written composition. Skills in literary analysis are reinforced by examining multiple genres, namely, the short story, novels, poetry and drama. Students are encouraged to read and think critically. Grammar concepts are applied in a variety of writing exercises and vocabulary study continues to be a focus of the curriculum. Class discussions and written compositions reinforce students' understanding of basic literary concepts and encourage a deeper appreciation of literature. English 10 is designed to prepare students for both IB English B and IB English A courses in grades 11 and 12.

ENGLISH 10 ADVANCED (Credit: 1)

In this course students follow an intensive study of literary and non-literary texts, focusing on analytical expository prose and critical responses to literature. Through close examinations of a variety of literary genres and periods, students gain a deeper appreciation for literature. Vocabulary study is also an integral part of the curriculum. This advanced course is designed to prepare students for the IB English A courses in grades 11 and 12, often taken at higher level.

ENGLISH LANGUAGE LEARNERS - ELL (Credit: 1)

The High School ELL program is geared to teach, improve, and implement the use of the English language to students who lack the skills to communicate effectively in English, and give them the ability to carry out the regular school curriculums for all the subjects. Students are assessed and then placed in appropriate programs based on proficiency levels.

The aims of the ELL program are that students should be able to:

- Demonstrate English proficiency through basic interpersonal communication.
- Demonstrate English proficiency through cognitive academic language development in all school subjects including language arts, mathematics, the sciences, and social studies.
- Demonstrate English proficiency in socially and culturally appropriate ways.

SCIENCE

CHEMISTRY

Grades 10-12 (Credit: 1)

The department encourages an interest in the sciences by instilling an awareness of scientific and non-scientific phenomena. Situations are presented in which the student is encouraged to question, inquire and observe. From these experiences the student will formulate hypotheses these are then investigated through the scientific method.

BIOLOGY II

Grades 10-12 (Credit: 1)

The course stresses the scientific experimental approach to the major themes in Biology: cell biology, molecular biology, genetics, ecology, evolution and biodiversity, and human physiology. The approach to scientific problems is one of measurement, observation and analysis. The course fully prepares students for IB Biology.

PHYSICS

Grades 10-12 (Credit: 1)

This course allows students to explore the main concepts of the physical world around us. Topics of study include Motion & Forces, Energy, Waves, Electricity and Nuclear Physics. Scientific investigations form an integral part of the course. The course also serves as a preparation for IB Physics.



SOCIAL STUDIES

WESTERN CIVILIZATION II - Grade 10 (Credit: 1)

This is a continuation of the 9th grade history course starting with the post Napoleonic Era through the nineteenth century to contemporary times. This course will emphasize historical research and writing in preparation for the IB program.

MODEL UNITED NATIONS & DEBATE Grade 9 - 12 (Credit: 1)

This course prepares students to participate actively as delegates in the Model United Nations conferences held in The Hague and in Haarlem. Students learn about the history, structure and function of the UN, how to research and write resolutions on urgent world issues, how to debate, how to question Socratically, and how to deliver speeches of different kinds. There is an emphasis on collaboration. This class is the best preparation for students interested in attending an MUN conference.

PHILOSOPHY II - Grade 10 (Credit:1/2)

This course introduces students to philosophy. The students will learn how to think philosophically about ideas and concepts that deeply impact our lives, such as Happiness, Freedom, Art, Love and Friendship, Justice and Law, Duty, Work and Technology. While informed by the history of philosophy, the course will emphasize the cultivation and refinement of the skills for philosophical thinking.

AP U.S. GOVERNMENT, AND POLITICS - Grade 10 - 12 (Credit: 1)

In this course students explore the operations and structure of the U.S. government and the behavior of the electorate and politicians. Students gain the analytical perspective necessary to evaluate political data, hypotheses, concepts, opinions, and processes and learn how to gather data about political behavior and develop their own theoretical analysis of American politics. Students also build the skills they need to examine general propositions about government and politics, and to analyze specific relationships between political, social, and economic institutions. Students prepare for the AP Exam and for further study in political science, law, education, business, and history. The course may be face-to-face or online provided by the Center of Talented Youth at Johns Hopkins University. Restricted eligibility requirements based on PSAT score in Grade 9.

AP SPANISH LANGUAGE AND COMPOSITION -Grade 10 - 12 (Credit: 1)

The AP Spanish Language and Culture course is an advanced language course in which students acquire proficiencies that expand their cognitive, analytical and communicative skills. The AP® Spanish Language and Culture course prepares students for the AP® Spanish Language and Culture exam. It uses as its foundation the three modes of communication (Interpersonal, Interpretive, and Presentational) as defined in the Standards for Foreign Language Learning in the twenty-first century. The course is designed as an immersion experience and is conducted almost exclusively in Spanish. In addition, all student work, practices, projects, participation, and assessments are in Spanish. The course teaches language structures in context and focuses on the development of fluency to convey meaning. Students explore culture in both contemporary and historical contexts to develop an awareness and appreciation of cultural products, practices, and perspectives. In addition, students participate in a forum where they are able to share their own opinions and comments about various topics and comment on other students' posts. The course may be face-to-face or online provided by the Center of Talented Youth at Johns Hopkins University. Restricted eligibility requirements based on PSAT score in Grade 9.

MATHEMATICS

GEOMETRY- Grades 9-12, (Credit: 1) Prerequisite: Algebra I

Geometry is represented as a Mathematical system through the study of plane and non-planar figures. Students will study the basic geometric language, parallel and perpendicular lines and planes, congruent triangles and their application, similar polygons, right triangle relationships, circles and their areas, area and volumes of solids, introduction to coordinate geometry, geometric construction and loci. This is offered to students who



intend to pursue higher mathematics in the course of high school. Geometry is approached with some rigidity by training students to do proofs of theorems and mathematical statements and by using logic in depth.

ALGEBRA II

Grades 10-12 (Credit: 1)

Prerequisites: Algebra I & Geometry

This class is less rigorous than Algebra 2/Trigonometry and is intended for those students who still require further development of their algebraic skills. This course is designed to reinforce the algebraic skills, to further develop abilities in problem solving, to prepare students for IB courses.

ALGEBRA II/TRIGONOMETRY - Grades 10-12 (Credit: 1)

Prerequisites: Algebra I, Geometry and Teacher Recommendation

This course is intended as a foundation for higher level courses in mathematics. Students will study real numbers and an introduction to complex numbers. The functions studied are: linear, quadratic, trigonometric, exponential, logarithmic, rational and radical functions. An introduction to matrix algebra will be taught. If time permits an introduction to sequences and series as well as differential calculus will be taught.

MODERN LANGUAGES

Students in grade 10 have the choice of French, or Spanish offered from Level I-II and Level IV. Italian is offered from Level I-V. Mandarin and German are offered only at level I and II. Arabic at level I and IV Grades 9 - 12 (Credit: 1)

Level I: This course acquaints the student with basic vocabulary, grammar and some aspects of civilization through the use of a text, audio material and, in second semester, of a reader. Upon completion the student will be able to use the four language skills (listening, speaking, reading and writing) in real life situations with emphasis on functional expressions.

Level II: This course develops the fundamental skills of learning a second language with an emphasis on oral communication, both listening comprehension and speaking. Students also acquire reading and writing skills, and grammar patterns are presented formally but are practiced in functional situations relating to the ability to communicate with an understanding of the culture.

Level III: This course reviews, reinforces, and extends grammar through intensive oral and written activities. The emphasis here is placed on reading, analyzing and developing spontaneity in the use of language skills. Students read at least a short story per semester or a collection of short stories to increase their vocabulary and analytical skills. Essay writing is introduced.

Level IV: This course sharpens previously acquired language oral and written skills through presentations, essay writing and grammar review, the literary tense is introduced. Students learn to appreciate the culture of the second language by becoming familiar with writers of that language and are provided with the tools for textual interpretation. A collection of short stories and several excerpts from an anthology are read and analyzed. Vocabulary is studied in context according to themes.

Level V: This course sharpens previously gained language skills through oral presentations, essay writing and grammar review. Students deepen their appreciation of culture and literature analyzing the work of writers, poets, playwrights and directors being provided with tools for textual and cultural analysis. Magazines, films and newspapers are used for class discussion and vocabulary building.



ITALIAN LITERATURE 10 - Grade 10 (Credit: 1)

The course is designed for students whose native language is Italian. It is not a mandatory requisite for IB Group A courses, (required for the recognition of the IB Diploma in Italy) but it is highly recommended. However, it is up to the Italian department's discretion to evaluate students' linguistic and analytical skills prior to being accepted in the course. This is the second year of a two-year course designed to give students an overview of the Italian literary movement from the birth of the language up to and including the twentieth century. The students will be exposed to the different genres of literature and different text, both literary and non literary. Emphasis will be placed on improving analytical reading and writing abilities.

LATIN I - Grades 9-12 (Credit: 1)

This introductory course offers a thorough and fascinating grounding in Latin that combines the traditional grammatical method with the reading and translating approach. In addition to grammar, paradigms and readings the course reinforces the grammar and morphology while encouraging the joy of linguistic and cultural discovery.

LATIN II - Grades 9-12 (Credit: 1)

In this course, students will continue to develop their proficiency in the Latin language as well as their understanding of ancient Roman history. On the language side, this involves learning about third declension nouns and adjectives, the future and pluperfect tenses, and various pieces of syntax including concessive clauses and prohibitions. On the cultural side, students will continue our chronological study of Roman history, moving from the Regal Period into the Republican period. Students will follow the development of ancient Rome from a regular Italian city-state to the dominant power in Italy by the end of the fourth century BC to the ultimate superpower of the Mediterranean by the mid-second century BC. Students will meet a cast of characters from Cincinnatus to Hannibal and discover what really made ancient Rome great.

ANCIENT GREEK - Grade 9 (Credit: 1)

This introductory course to Classical Greek traces the development of Greek civilization, and builds the grammatical foundations of the language. Students will study the morphology in order to be able read independently. The course focuses on noun term cases and verb modes. Students will familiarize with classics in original and in translation.

PHYSICAL EDUCATION/HEALTH 10 (Credit: 1/2)

This course is designed to provide students with a more in depth knowledge of physical fitness as well as fitness concepts and conditioning techniques used for achieving and maintaining optimal physical fitness. There is a major focus on the Personal Fitness unit where students acquire knowledge about the components of fitness and learn about the benefits of exercise and healthy living while setting fitness goals and measuring their own fitness growth. There will be monthly health education lessons (focusing on mental, social, physical and emotional health). Students will also learn and develop fundamental and advanced skills and strategies of team activities and will be empowered to meet challenges and develop positive behaviors in team activities, wellness, and lifetime activities. Values of sportsmanship and fair play are integral to the course content and participation in the athletic program and sports outside the PE program are actively encouraged.

RELIGIOUS EDUCATION

Religious Education 10: Catholic Social Teaching (Credit: 1/2)

This course guides students in exploring and understanding the major themes of Catholic social teaching. By studying the the four levels of happiness, the life and person of Jesus Christ, as well as the moral teachings found in the Scripture, students come to understand the basis of Catholic social teaching and what it means to truly love and respect the dignity of the human person. Students then examine contemporary issues in light of Catholic



social teaching. This course aims to inspire students to promote the Gospel virtues, advocate for justice, and respond to the needs of our time.

CONFIRMATION (Credit: 1/2)

The Confirmation course is offered for students who wish to receive the Sacrament of Confirmation, or those who have recently received the Sacrament of Confirmation and wish to take an in-depth look at the Catholic Faith. The goal of the course is to prepare students both intellectually and spiritually to receive the Sacrament of Confirmation and to become lifelong disciples of Christ. Students examine the role of the Holy Spirit, the Church, and the Sacraments in salvation history and in their own lives. They learn and practice different styles of prayer and understand how to develop a deep and lasting personal relationship with God.

COMPUTER STUDIES

INTRODUCTION TO PROGRAMMING- Grade 9-12 (Credit: 1)

This course is designed to consolidate and further computer skills, which were introduced in Middle School, with an in-depth approach to some applications, e.g. Web page creation and multimedia authoring. The students will experience coding using Java and Python, interpreted, high-level, general-purpose programming languages; The students will gain an extensive background in computing, including basic knowledge of computer hardware components, and programming. This provides vital knowledge and puts computers in their place in our society today - 'the social implications of the computerization of today's world.

ARTIFICIAL INTELLIGENCE AND SOCIETY - Grades 9-12 (Credit: 1)

The course provides a basic grounding in the principles and practices around Artificial Intelligence, automation and cognitive systems with particular emphasis on the mathematical and coding aspects. Along with the technologies involved, the course also focuses on the societal and ethical implications of AI's use and improvements..

HIGH SCHOOL COMPUTERS II Grades 10-12 (Credit: 1)

This course is designed to introduce the students to new applications and operating systems, with an in-depth approach to some applications, e.g. Graphics Design (Adobe Illustrator) and Layout Design (Adobe InDesign). The students will appreciate how they can harness these tools to allow them to communicate more effectively in a world where how we communicate is continuing to change rapidly. The class will be practical where possible, with students editing, modifying and combining a wide range of media.

PERFORMING ARTS

HS CHOIR Grade 9-12 (Credit: 1)

In this year-long course students discover the fun and excitement of singing in a group. Students learn about proper vocal production, singing in harmony in two or three parts, and studying music from many different genres and backgrounds. Performance is a key component so students will perform in the classroom, in school concerts during the year, in school masses and on retreats. The group will explore possibilities to sing off campus and perhaps a field trip to France to perform.

HS ADVANCED BAND Grade 9-12 (Credit: 1)

This is an advanced level ensemble open for students from grades 9 – 12 who already play a band instrument or have prior musical knowledge and/or experience.

The course focuses on improving musicianship through the students' sense of tonality, rhythm and technique, and through performing in several styles. Individual growth will be emphasized. Students will have opportunities to conduct and arrange music. Diligent practice is expected and private lessons are encouraged. The ensemble performs several times throughout the school year including the Christmas and Spring Concerts and Graduation.



Advanced Band students may be chosen as members of the orchestra for the HS play and form the core group of the Royal Winds, the school's Honor Band. Students may be asked to audition to ensure an adequate level.

HIGH SCHOOL DRAMA I Grades 9-12 (Credit: 1)

This course is a practical and academic study in the subject of drama. Class time is broken down into a series of practical workshops aimed at building confidence, taking risks and learning to create theatre as an ensemble. Techniques on acting, movement, design, and directing are all incorporated into the subject so there is something for everyone. Students are assessed on their ensemble work, practical projects, homework and a final performance at the end of the year. It is suitable for students that have little or no experience in drama, as well as those that have perhaps already shown enthusiasm and skill in the subject in their middle school years.

HIGH SCHOOL DRAMA II Grades 9-12 (Credit: 1)

This course is a continuation from High School drama I. It aims to build on the skills learned in the previous year as well as looking at new aspects of theatre and performance. Lessons are structured as a series of practical workshops that strengthen performance and theatre design skills. The class will work as an ensemble to create original performances for a chosen audience. There is an opportunity to look at technology in theatre and design. Students will also use text and begin to look at different theatre practitioners in preparation for IB Theatre. It is suitable for students that have little or no experience in drama, as well as those that have perhaps already shown enthusiasm and skill in the subject in the past. It serves as a preparatory year for any student who is considering IB Theatre in Grade 11.

VISUAL ARTS

BASIC DESIGN Grades 9-12 (Credit: 1)

Basic Design is an elective course for Grades 9-12. In this course students will become familiar with basic processes and techniques in creating both two and three-dimensional works. Students will have the opportunity to realize their own designs whilst researching art and design both past and present. Basic design will help students develop their ability to observe, understand and use artistic materials, elements and the principles of good design. Students will attempt to master necessary skills and techniques needed to make personal statements. Emphasis will be placed on the understanding and application of the principles of design. Through local museum research both two and three-dimensional works of past and present are studied and ideas gained for future studio works.

DRAWING AND PAINTING Grade 10 - 12 (Credit: 1)

This course offers fundamental instruction in drawing and painting. Experimental techniques are the focus of the class where students are encouraged to experiment and to discover their own talents and interests. Many projects undertaken will be directly related to current exhibitions, field trips and/or individual museum research. An excellent IB Art preparatory course.

COMPUTER ARTS 1 Grades 9-12 (Credit: 1)

Computer Arts is an elective one-year course for Grades 9-12. The course offers fundamental instruction in creating and designing images and moving images with computers. Computer aided design is the focus of the class. Research into how computers are used in modern design will be investigated. The completion of assignments will combine text with graphics for layout and static image design, and audio with moving image for animated cartoon films, Internet Web design and digital video editing. Pupils will become familiar with the use of the multimedia center and they will extend their word processing skills. Students will be required to have the Photoshop program on their personal computers.



COMPUTER ARTS II Grades 9-12 (Credit: 1)

Prerequisite Computer Arts 1

Computer Arts II is an elective one-year course for Grades 9-12, requirement Computer Arts I. The course offers extended instruction in creating and designing images and moving images with computers. Computer aided design is the focus of the class. Research into how computers are used in modern design will be investigated. The completion of assignments will combine text with graphics for layout and static image design, and audio with moving image for animated films, internet Web design and digital video editing. Students will master the use of the multimedia center and they will extend their knowledge on design and computers.

MUSIC PRODUCTION Grade 9-12 (Credit :1)

This yearlong course is designed to enhance music theory fundamentals and composition skills. The essential aspects of melody, harmony, rhythm and form are studied in relation to the creative process of composing through a DAW (Digital Audio Workstation). Students will gain experience with hardware and software for music sequencing, synthesis, composition and music performance practices. Students will also analyze the impact of technology on music and the development of music industry.

There are no prerequisites for this course, although prior musical experience is suggested.

This course is recommended for students considering IB Music as their Group 6 option in the IB Diploma.

PUBLIC SPEAKING Grade 9-12 (Credit :1)

This yearlong course is designed to develop the skills necessary for effective oral communication and public presentation. Throughout the course students will learn to select, structure and shape subject matter into a coherent and concise speech as well as to adapt language and form to audience, purpose and situation where appropriate. Students will also build skills in vocal projection and clarity of speech, match tonal register to audience, purpose and situation, integrate body language, use notes and visual aids where appropriate, to support the subject matter and engage the listener.

For any further information or clarification please contact Ms. Viviane Mingazzini, Secondary School Principal at vmingazzini@marymountrome.com



Grade 10 Course Selection

Name of Student: _____

Are you interested in eventually following the IB diploma program in grades 11&12? ____ Yes ____ No
List your current course level in:

Mathematics _____ Foreign Language _____
(e.g. French 3rd year, Spanish 2nd year)

Please note that separate course listings on this form do not imply that all courses will be offered (e.g.: courses with too few students may not be offered) or that scheduling conflicts occur.

Required courses for 10th grade:

- X English 10 (Placement in Advanced English 10 will be determined by Teacher Recommendation and/or internal assessment)
 X Western Civilization II
 X Religious Education 10: ____ Catholic Social Teaching or ____ Confirmation
 X Philosophy
 X Physical Education 10
 X Math Choice: ____ Geometry ____ Algebra II ____ Algebra II & Trigonometry
 (Placement in Advanced Math classes will be determined by Teacher Recommendation and/or internal assessment)
 X Biology and an extra Science choice: ____ Chemistry or ____ Physics

X Modern Languages (Choose 1 or 2):

(Placement will be determined by Teacher Recommendation and/or internal assessment)

____ Arabic I	____ French I	____ German I	____ Italian I	____ Mandarin I	____ Spanish I
____ Arabic II	____ French II	____ German II	____ Italian II	____ Mandarin II	____ Spanish II
____ Arabic III	____ French III	____ German III	____ Italian III		____ Spanish III
	____ French IV	____ German IV	____ Italian IV		____ Spanish IV
	____ French V		____ Italian V		____ Spanish V
			____ Italian Literature 10 (Recommended for IB Italian A)		____ AP Spanish Language & Composition

Elective courses: Please select 4 courses in order of preference (1-4)

____ Ancient Greek	____ Drawing and Painting	____ Intro to Programming	____ Music Production
____ Artificial Intelligence and Society	____ HS Adv. Band	____ HS Computer II	____ Public Speaking
____ Basic Design	____ HS Choir	____ Latin I	____ AP US Government, and Politics
____ Computer Arts	____ HS Drama I	____ Latin II	____ 3rd Modern Language: Please specify:
____ Computer Arts II	____ HS Drama II	____ Model United Nations	_____

Identified ELL (English Language Learners) and Learning Support students will have course choices further reviewed/adjusted to meet their individual needs. **Parents will be consulted directly.**

Student Signature _____ Parent Signature _____
Date _____