

# **Madonna High School**

## **Curriculum Guide 2024-2025**



**School Patroness**  
Our Lady, Seat of Wisdom

**School Colors**  
Blue and White

**Motto**  
To Jesus Through Mary  
Faith, Family, Service... Through Mary

# Table of Contents

<b>Table of Contents</b> .....	<b>2</b>
<b>Curriculum Guide Overview</b> .....	<b>3</b>
<b>Grading System</b> .....	<b>3</b>
Early Entrance/Dual Credit Courses .....	3
Calculation of Semester Grades* .....	4
Faculty & Administrative Suggestions.....	4
<b>Middle School Year-by-Year Suggested Course Outline</b> .....	<b>5</b>
Middle School Course Requirements .....	5
Middle School Course Descriptions .....	5
<b>High School Requirements and Course Descriptions</b> .....	<b>9</b>
Graduation Requirements: 2024-2025 .....	9
Year-by-Year Requirements .....	9
<b>High School Course Descriptions – Objectives</b> .....	<b>10</b>
Theology .....	10
Mathematics.....	12
Physical Education.....	15
Health.....	15
Foreign Language .....	16
Social Sciences .....	16
Science.....	19
English .....	23
Fine Arts.....	25
Electives.....	25
MOOCs.....	27
WVNCC College Classes .....	28
<b>Honors Program</b> .....	<b>31</b>
<b>Prefect System*</b> .....	<b>31</b>

## Curriculum Guide Overview

### Introduction

Madonna High School offers subjects that cover the traditional course offerings of college preparatory, general curriculum, fine arts, and selected business and vocational areas. These courses are geared to accommodate individual differences and ability levels and to give a truly balanced education in terms of theology, sciences, mathematics, languages, and the humanities. This guide is a useful instrument in preparing your educational and extracurricular objectives.

### Guidelines for Registration

**Please read this guide carefully!** Study the requirements. Know the prerequisites for certain courses. Discuss your choices carefully with faculty, the guidance counselor, and parents before making your final selection.

**At least one parent/legal guardian AND the student MUST SIGN the Course Selection Sheet prior to turning it in.  
Unsigned Course Selection Sheets WILL NOT BE ACCEPTED.**

## Grading System

Grading Scale effective for 2024-2025:

Percentage	Grade	GPA	Honors G.P.	AP/College Level G.P.
90-100	A	4.0	4.5	5.0
80-90	B	3.0	3.5	4.0
70-80	C	2.0	2.5	3.0
60-70	D	1.0	1.5	2.0
0-60	F	0	0	0

Madonna High School uses a 5-point grading system. Each teacher is required to calculate grades based on a point system which converts grades to percentages. This is to ensure the student receives consistent and accurate results on grades.

### Early Entrance/Dual Credit Courses

Students taking College Early Entrance/Dual Credit classes will receive a grade at Madonna High School as well as a grade at the partner college (WVNCC). The college-level courses transferred to Madonna will become part of the student's overall GPA for calculation in the class standings.

### Calculation of Semester Grades\*

A student in grades nine through twelve semester grade consists of three components. The first semester grade is 40% of the first quarter grade, 40% of the second quarter grade, and 20% of the midterm exam grade. The second semester grade would then be 40% of the third quarter grade, 40% of the fourth quarter grade, and 20% of the final exam grade. For example, if a student obtained a 93% the first quarter, a 95% the second quarter, and an 85% on the exam, one would calculate the semester grade as follows:

$$\begin{aligned}93 \times 0.40 &= 37.2 \\95 \times 0.40 &= 38 \\85 \times 0.20 &= 17\end{aligned}$$

$$37.2 + 38 + 17 = 92.2 \% \text{ A}$$

There is no rounding up with the current grading scale (an 89.999% is a “B”).

**\* Seventh and Eighth grade students will be taking semester exams beginning with the 2024-2025 school year.**

### Faculty & Administrative Suggestions

Read the following information carefully before filling in your course selection sheet. It is of particular importance that you pay attention to the prerequisites and requirements needed in order to register for a course.

- **All students at Madonna will be enrolled in eight classes during each academic year.**
- **A senior may be enrolled in more than eight classes during the academic year.**
- **Seniors are allowed to have ONE unscheduled period, though they are permitted and encouraged to have a full schedule.**

## **Middle School Year-by-Year Suggested Course Outline**

### **Middle School Course Requirements**

#### **Seventh Grade Requirements**

English Language Arts

History

Mathematics

Wellness Education

Theology + 10 Service Hours (Additional information listed under Course Descriptions–  
Theology)

Science

Creative Arts

Media, Mass Communication, and Society

#### **Eighth Grade Requirements**

English Language Arts

West Virginia History

Algebra (MS)

Wellness Education

Theology + 10 Service Hours (Additional information listed under Course Descriptions–  
Theology)

Science

Creative Arts

Media, Mass Communication, and Society

### **Middle School Course Descriptions**

#### **Seventh Grade Theology**

Christ Our Life 7 & Theology of the Body: Freedom & Virtue

Seventh Grade Theology is a course that helps guide students to know, proclaim, witness, and share the Catholic Faith. Throughout this course, we will focus on the virtues and knowledge of our Faith. Students will use a variety of methods to use Scripture, Tradition, and the Social Teaching of the Church in their everyday lives.

#### **Eighth Grade Theology**

Christ Our Life 8 & Theology of the Body: Vocation & Communion

Eighth Grade Theology is a course that will help students learn the importance of their Faith. Students use a variety of ways to explore Scripture, Tradition, and virtues of the Church. Throughout this course, students will deepen their knowledge of the Catholic practices, understanding of what the Church is, and growth in their vocation to holiness and sharing of the good news.

### **Seventh Grade ELA**

Seventh grade ELA students will learn to improve proficiency in reading age-appropriate material, fluency in writing in several modes, adaptability in verbal and written communication, and integrity in responsible peer interaction. Students will develop problem solving and critical thinking skills independently and with peers as they engage in the four domains of reading, writing, speaking/listening, and language. Seventh grade ELA students acquire and further develop their abilities to be critical thinkers of what they read or hear and knowledgeable when writing and speaking.

### **Eighth Grade ELA**

Eighth grade ELA students will demonstrate proficiency in reading age-appropriate material, fluency in writing in several modes, adaptability in verbal and written communication, and integrity in responsible peer interaction. Students will continue to develop problem solving and critical thinking skills independently and with peers as they engage in the four domains of reading, writing, speaking/listening, and language. Eighth grade ELA students acquire and further develop their abilities to be critical thinkers of what they read or hear and knowledgeable when writing and speaking. Eighth Grade ELA students will improve their ability to cite evidence, build upon writing skills, be able to present findings, and demonstrate the ability to use strong wording to present clear pictures of their knowledge.

### **Seventh Grade Ancient World Civilizations**

Book: HMH Social Studies Ancient Civilizations

Ancient Civilizations Grade 7 focuses on the early world cultures of history. Students will learn about the geography, religions, achievements, political systems, economics, and social structures of complex ancient civilizations while detailing how each rose and fell in power.

### **Eighth Grade West Virginia History**

Book: West Virginia, Wild and Wonderful (Clairmont Press)

The Eighth Grade West Virginia History course focuses on the geography, history, and economics of the state of West Virginia. Students will learn about the formation of our state and how national and global events of history impacted the people of West Virginia.

### **Seventh Grade Mathematics**

Seventh grade mathematics students will focus on age-appropriate skills in exploration of mathematical knowledge, stimulating learning, and understanding of the use of mathematical concepts in a variety of settings. Skills presented will include exploring use of ratios, the number system and its use with fractions and rational numbers, expressions, equations, geometry, and statistics and probability. Seventh grade students will continue to develop proficiency in a progression of basic mathematical skills presented in the lower grades.

### **Eighth Grade Mathematics**

**Algebra (MS)** This course will give the student an understanding of the basic structure of algebra within the real number system. Topics include solving equations and inequalities; linear and quadratic equations and graphs; polynomials and functions; and exponents and radicals. Students are required to take the midterm and final in Algebra (MS). NOTE: The midterm and final scores along with the Winter/Spring NWEA Map Test, and placement test score will

determine placement for 9th grade math and whether a student has progressed sufficiently to receive Algebra I (HS) credit to satisfy the High School requirement.

### **Wellness Education Seventh and Eighth**

The goal of wellness education is to improve the pre-adolescent student's understanding of the connections between physical activity and lifetime wellness. The wellness education program continues to develop specialized skills and offer new opportunities to explore recreational activities. Social and emotional development is enhanced as students use motor skills in a variety of situations. An emphasis is placed on lifetime wellness and physical activity, working toward developing into an active, healthy high school student, and then a physically fit, healthy adult.

### **Seventh Grade Science**

Seventh grade science builds upon the students' science understanding from earlier grades and provides deeper understanding in topics such as: Systems; History of Earth; Energy; Forces and Interactions; Structure, Function, and Information Processing; and Human Interactions. The objectives blend core ideas with scientific and engineering practices and concepts to support students in developing knowledge across the disciplines. Application of science objectives are integrated throughout instruction as students define problems and design solutions related to the course objectives. Students will engage in active inquiries, investigations, and hands-on activities as they develop and demonstrate conceptual understanding skills.

### **Eighth Grade Science**

Eighth grade science builds upon students' science understanding from seventh grade and provides deeper understandings in five major content topics: Structure and Properties of Matter; Chemical Reactions; Growth, Development, and Reproduction of Organisms; Natural Selection and Adaptations; and Human Interactions. Objectives blend basic ideas with scientific practices and concepts to support students in developing useful knowledge across the science disciplines. There is a focus on scientific practices which include planning and carrying out investigations; developing and using models; analyzing and interpreting data; using mathematical and computational thinking; obtaining, evaluating, and communicating information; and engaging in argument from evidence. Students engage in active inquiries, investigations, and hands-on activities as they develop and demonstrate conceptual understanding.

### **Creative Arts Seventh & Eighth**

Create, connect, explore, perform, relate, respond...these are the foundations of the Creative Arts classes. Create is to generate; connect is to synthesize; explore is to study, analyze, and experience; perform is to interpret; relate is to understand disciplines; and respond is to perceive and apply criteria to art. The students will utilize each of the principles whether it be in the form of art, performance, or the study of historical foundations. Music, visual arts, dance, and theater all inform the student of the fullness of expressions and the value of the arts for their own sake and in the relationship to other disciplines in day-to-day life.

### **MMS - Media, Mass Communication, and Society Seventh & Eighth**

This course is designed to give students the opportunity to experience a variety of language arts-centered mini courses. Each of the four quarters will coincide with a different topic: Speech and Debate, Journalism, Creative Writing, Penmanship/Spelling/Vocabulary, Introduction to Google

Workspace, a Term-End Publication, and other offerings of the like. Every year of MMS will begin with a Novel Analysis. These sections will reinforce essential skills such as public speaking, critical thinking, articulation, writing abilities, research skills, teamwork, honing spelling and vocabulary skills, aptitude with Google Workspace, and reading comprehension.



# High School Requirements and Course Descriptions

## Graduation Requirements: 2024-2025

Language Arts	4 Credits
Mathematics	4 credits & Math class required yearly
Science	4 Credits
Social Studies	4 Credits
Theology/Service*	4 Credits
Foreign Language**	2 Credits
Physical Education	1 Credit
Health	1 Credit
Fine Arts	1 Credit
Electives***	3 Credits

**TOTAL FOR GRADUATION: 28 Credits**

\*The theology requirements may not be waived for non-Catholic students. The primary focus of a Catholic school is to transmit Christian Doctrine. All students at Madonna will take the required theology courses for graduation.

\*\*Beginning with the Class of 2028, ALL STUDENTS must earn two (2) Foreign Language credits to graduate. Most colleges and universities require a minimum of two foreign language courses.

\*\*\*Beginning with the Class of 2028, ALL STUDENTS must take personal finance before they graduate in either their junior or senior year. This will be taught through the Social Studies course Personal Financial Skills. This change may possibly decrease the required number of elective credits to two (2). This course will be available for the Class of 2028 and following.

**All courses taken beyond the requirements in each subject area will be counted as electives.**

## Year-by-Year Requirements

The following is a list of courses REQUIRED for all students in grades 9-12. Including electives, a minimum of 8 credits must be taken each year. In addition, four years of service are required to graduate and receive a diploma (see “Catholic Identity” in Student Handbook).

<u>Freshman Year Requirements</u>	<u>Credits</u>
English	1
Theology/Plus Service	1
World Cultures	1
Earth Science	1
Mathematics	1
Foreign Language	1
Physical Education	1
Health	1

### Sophomore Year Requirements

English	1
Theology/Plus Service	1
United States History 1400-1900	1
Biology	1
Mathematics	1
Foreign Language	1
Elective*	1
Elective*	1

### Junior Year Requirements & Suggestions

English	1
Theology/Plus Service	1
20 <sup>th</sup> Century America 1900-Present	1
Mathematics	1
Science	1
Elective*	1
Elective*	1
Elective*	1

### Senior Year Requirements & Suggestions

English	1
Theology/Plus Service	1
Civics	1
Mathematics	1
Science	1
Elective*	1
Elective*	1
Elective*	1

\* = 1 Fine Arts required for graduation

## **High School Course Descriptions – Objectives**

### **Theology**

Students in the Madonna Community must understand that developing and nurturing a Christian environment and faith community is Madonna's #1 priority. Proclaiming Jesus Christ as Lord and Savior is the primary focus of the Theology Department. Obedience to Christ and His Church while calling forth young men and women to embrace their roles in the Church are the ways Madonna seeks to maintain this focus.

The following are the objectives of the Theology Department:

- To lead students to an awareness of Jesus Christ in their lives and in the world;
- To foster a prayerful community in each classroom and in the school;
- To enlighten the students to the spiritual and social mission which flows from the Gospel;
- To help the students develop a mature conscience in light of the Gospel; and
- To deepen students' awareness of their role and value in Christ's Body, the Church.

### **Christian Ministry and Service 7, 8, 9, 10, 11, 12**

The Christian Ministry and Service aspect of the Theology Program will attempt to present the importance and place of Christian service in our Catholic tradition. The importance of a life of service in the Church and its people will be promoted and practiced.

Four years of high school service are required to graduate and receive a diploma. The Theology Department must approve and log all service hours. Students should aim to complete annual requirements by the end of the third quarter each year. A written evaluation of the student's service will be required from those for whom the student performed the service, listing the experience, and time log.

**\*The minimum number of hours of service required in each grade is as follows:**

<b>Senior Students</b>	<b>20 Hours</b>
<b>Junior Students</b>	<b>20 Hours</b>
<b>Sophomore Students</b>	<b>15 Hours</b>
<b>Freshman Students</b>	<b>15 Hours</b>
<b>Grade 7 and 8</b>	<b>10 Hours</b>

### **Senior Theology**

**1 Credit**

- **Life in Jesus Christ** – Fall semester  
The purpose of this course is to help students understand that it is only through Christ that they can fully live out God's plans for their lives. Students are to learn the moral concepts and precepts that govern the lives of Christ's disciples.
- **Catholic Apologetics** – Spring semester  
The purpose of this course is to help students understand the Catholic Faith and be able to explain the Faith to others. We will go through the hierarchy of truths and other fundamentals of the Catholic Faith to discover how they fit into God's salvific plan.

### **Junior Theology**

**1 Credit**

- **Jesus Christ's Mission Continues in the Church** – Fall semester  
The purpose of this course is to help students understand that in and through the Church they encounter the living Jesus Christ. They will be introduced to the fact that the Church was founded by Christ through the Apostles and is sustained by him through the Holy Spirit. The students will come to know that the Church is the living Body of Christ today. This Body has both divine and human elements. In this course, students will learn not so much about events in the life of the Church but about the sacred nature of the Church
- **Sacraments as Privileged Encounters with Jesus Christ** – Spring semester  
The purpose of this course is to help students understand that they can encounter Christ today in a full and real way in and through the sacraments, and especially through the Eucharist. Students will examine each of the sacraments in detail so as to learn how they may encounter Christ throughout life.

## **Sophomore Theology**

**1 Credit**

- **The Mission of Jesus Christ (The Paschal Mystery)** – Fall semester  
The purpose of this course is to help students understand all that God has done for us through his Son, Jesus Christ. Through this course of study, students will learn that for all eternity, God has planned for us to share eternal happiness with him, which is accomplished through the redemption Christ won for us. Students will learn that they share in this redemption only in and through Jesus Christ. They will also be introduced to what it means to be a disciple of Christ and what life as a disciple entails.
- **Theology of the Body** – Spring semester  
The purpose of this course is to help students understand the Theology of the Body and the dignity of the human person. Students will examine Pope Saint John Paul II's Theology of the Body in order to better understand the purpose of their bodies. In an age of "selfies" and egocentrism, *YOU. Life, Love, and the Theology of the Body* cuts through the noise to present an authentic view of the human person. It presents young people with the extraordinary story of their creation as unrepeatable individuals. But the program doesn't stop there. *YOU. Life, Love, and the Theology of the Body* introduces teens to the truth that life is not, in fact, all about them; it is about going out of themselves to be a sincere gift for others.

## **Freshman Theology**

**1 Credit**

- **The Revelation of Jesus Christ in Scripture** – Fall semester  
The purpose of this course is to give students a general knowledge and appreciation of the Sacred Scriptures. Through their study of the Bible they will come to encounter the living Word of God, Jesus Christ. In the course they will learn about the Bible, authored by God through Inspiration, and its value to people throughout the world. If they have not been taught this earlier, they will learn how to read the Bible and will become familiar with the major sections of the Bible and the books included in each section. The students will pay particular attention to the Gospels, where they may grow to know and love Jesus Christ more personally.
- **Who is Jesus Christ** – Spring semester  
The purpose of this course is to introduce students to the mystery of Jesus Christ, the living Word of God, the Second Person of the Blessed Trinity. In this course students will understand that Jesus Christ is the ultimate Revelation to us from God. In learning about who he is, the students will also learn who he calls them to be.

## **Mathematics**

The Madonna High School Mathematics Department seeks to customize each student's mathematical journey in order to optimize their learning potential and to ensure that all students have the opportunity to thrive in an environment which best suits their individual academic ability. Madonna High School (grades 9 - 12) offers a variety of courses ranging from Algebra I through Calculus, and seeks to hone students' critical thinking and problem solving skills, as well as providing a challenging academic environment. All Madonna students are required to take a minimum of one math class per year.

**Algebra I (HS)** **1 Credit**

This course will give the student an understanding of the basic structure of Algebra within the real number system. Topics include solving equations and inequalities; linear and quadratic equations and graphs; polynomials and functions; and exponents and radicals.

**Algebra II** **1 Credit**

- Prerequisite: Completion of Algebra I and \*Geometry

This course will build upon and further develop the skills encountered in Algebra I. Students will work extensively with polynomial functions; including operations with polynomials, factoring, and graphs. Students will work with rational exponents and radicals, as well as exponential models from logarithms. Students will be introduced to the complex number system.

\*Recommended

**Algebra II (Honors)** **1 Credit**

- Prerequisite: “A” in Geometry or “A” or “B” in Geometry Honors and score in 65th percentile or above on Winter/Spring NWEA Map test, and teacher recommendation.

This course will cover the same concepts as Algebra II but at an advanced pace. It will also incorporate more involved applications of all concepts as well as higher order thinking skills. This course is rigorous and a high degree of proficiency is expected of all students.

**Financial Algebra (Upperclassmen)** **1 Credit**

- Prerequisite: Completion of Algebra I, Geometry, and Algebra II

Students in this course will use financial applications to deepen their understanding of mathematics. Content covered in this course includes interpreting and analyzing functions, graphs and data, and applying them in the context of their personal lives regarding banking services, automobile purchases, and maintenance decisions, as well as income tax and employee benefits.

**Geometry** **1 Credit**

- Prerequisite: Algebra (MS) or Algebra I (HS)

This course will aid students in their ability to think logically through the application of theorems and formulas. Topics include parallel lines, angles, polygons, circles, similarity, congruence, area and volume of figures, and proofs. Students will study right triangles, including an introduction to right triangle trigonometry.

**Geometry (Honors)** **1 Credit**

- Prerequisite: “A” in Algebra (MS) or Algebra 1 (HS) both semesters and score in 65th percentile or above on NWEA Map test

This course will cover and expand upon the topics covered in Geometry at an advanced pace. There is a more pronounced emphasis on deductive reasoning and logic. This course is rigorous. Students must be motivated and self-directed. A high degree of proficiency is expected of all students.

**Pre-Calculus with Trigonometry** **1 Credit**

- Prerequisite: “B” or above in Algebra II\*

This course will cover topics including radian measure, right and oblique triangle trigonometry, and circular functions and their graphs. Students will verify identities and use them to solve equations. Other topics include matrix operations and applications, inverse functions and their graphs, exponential and logarithmic functions, and conic sections and their graphs. This course is rigorous as it serves to prepare students for the study of Calculus.

\*Highly recommended

**Pre-Calculus with Trigonometry (Honors)** **1 Credit**

- Prerequisite: “90%” or above in Algebra II Honors or “A” in Algebra II and score in 70th percentile or above on NWEA Map test

This course will cover and expand upon the topics covered in Pre-Calculus with Trigonometry with more involved applications of the concepts learned. This course is rigorous, and a high degree of proficiency is expected of all students.

**Statistics (Seniors)** **1 Credit**

- Prerequisite: “B” or above in Algebra II

This course will include the study of statistics and probability. Students will be able to determine the probability of events, set up sample data, and determine appropriate conclusions. A scientific calculator or statistical calculator is required.

**College Pre-Calculus - Math 110 (Seniors only-Dual Credit)** **1 Credit\*\***

This course is offered through WVNCC. In addition to the other requirements set forth for admission to WVNCC, students must earn a minimum of 21 on the math portion of the ACT or a 530 on the SAT to be eligible for enrollment. A student is required to successfully complete Math 110 (College Pre-Calculus) in order to take Math 279 (College Calculus). This course is an integrated approach to algebra and trigonometry preliminary to the study of calculus. This course earns 5 college credits.

**College Calculus- Math 279 (Seniors only-Dual Credit)** **1 Credit\*\***

This course is offered through WVNCC in conjunction with Math 110 Pre-Calculus. A student is required to successfully complete Math 110 (College Pre-Calculus) in order to take Math 279 (College Calculus). In addition to the other requirements set forth for admission to WVNCC, students must earn a minimum of 21 on the math portion of the ACT or a 530 on the SAT to be eligible for enrollment. This course explores limits, continuity, derivatives, and integrals. This course earns 5 college credits.

**College Algebra- Math 126 (Seniors only-Dual Credit)** **1 Credit\*\***

This course is offered through the WVU Early Access Program. This class will include video lectures from a WVU professor with Madonna-led instruction to supplement. Students must earn a minimum of 19 on the math portion of the ACT or a 510 on the SAT to be eligible for enrollment. Students may also qualify for the course by taking the ALEKS placement test offered through WVU. This course focuses on the real number system, including algebraic expressions, equations, and inequalities; systems of equations; polynomials, exponential, and logarithmic functions; and basic matrix operations. This course earns 3 college credits.

**College Plane Trigonometry- Math 128 (Seniors only-Dual Credit) 1 Credit\*\***

This course is offered in house through the **WVU Early Access Program**. Students may take this course upon completion of Math 126 College Algebra with a grade of C or better. This class focuses on trigonometric functions, identities, and equations; complex numbers; and vectors. This course earns 3 college credits.

**\*\*THE ABOVE 4 COURSES ARE DUAL CREDIT WHICH RECEIVE:  
—1 Madonna Math Credit and 5 College Level Credits for College Pre-Calculus AND College Calculus AND  
—1 Madonna Math Credit and 3 College Level Credits for College Algebra and College Plane Trigonometry.**

## **Physical Education**

Physical Education, like any other field, is a discipline guided by principles based upon scientific facts and meeting the prevailing needs of society in the home, the school, and the community. Physical education, properly conducted, can make contributions towards achieving the goals which no other subject or field can make, namely, physical development in addition to mental development and attitude formation.

### **Aim of Physical Education**

Physical education should aid in providing skilled leadership in adequate facilities. It will afford an opportunity to the individual or group to act in situations, which are physically wholesome, mentally stimulating, and socially sound.

### **Specific Objectives:**

- to provide opportunities for controlled participation in physical activities that will result in educative experiences;
- to develop the organic system of the body so that each individual may live at the highest possible level;
- development of the neuromuscular system in general, and particularly in relation to control over certain fundamental skills; and
- development of standards of conduct.

**Physical Education 1 Credit**

This class is designed to develop a wholesome attitude toward play, provide opportunities for play and relaxation, a sense of fairness and justice, and develop the rules and regulations of sports.

## **Health**

**Health 1 Credit**

This program prepares students to become wise health care consumers and responsible, productive citizens. The relationships among personal, community and world health and economic, cultural, sociological, biological, and environmental factors are examined in

interdisciplinary discussions, debates, and class projects. Students examine personal health choices and the connection to the world of work and assumption of adult roles. In-depth analysis of current health issues and concepts coupled with school-wide opportunities that promote and reinforce the importance of good health and positive choices need to be coordinated to have the greatest impact on adolescent behavior. Instruction continues to focus on prevention of all risk behaviors; however, instruction must also emphasize limiting the negative consequences of high-risk behavior and promote values and norms that are appropriate to our students. Students should have a personal perception of risk, the ability to recognize and resist social pressures and the skills to build positive social relationships.

## **Foreign Language**

In this age of greater mobility and increasing international communication, the study of foreign languages has taken on more appeal as well as a new orientation; a greater emphasis is now given to the spoken language. In view of this, the language department strives to develop the student's ability:

- to understand the spoken language
- to speak the language with grammatical accuracy and with acceptable pronunciation and intonation;
- to read the newspapers, magazines and non-technical contemporary writing with comprehension
- to write correctly anything he/she can say; and
- to acquire sensitivity to the value system and behavior pattern of the people whose language he/she is studying.

### **Spanish I**

**1 Credit**

- Prerequisite: Must pass Grade 8 ELA or English 9

A foundation course in Spanish using conversational approach through drill patterns accompanied by an adequate knowledge of vocabulary. Proper pronunciation and basic grammar is stressed through dialogues.

### **Spanish II**

**1 Credit**

- Prerequisite: Must pass Spanish I

A continuation of basic dialogue and grammar. Basic culture and civilization of Spanish speaking countries is introduced. Students will be able to organize conversations and carry on brief extemporaneous talks.

## **Social Sciences**

Self-actualization, the right and duty of each individual, must encompass a growing sense of social realization. The individual discovers his/her being within the framework of the society, which he has helped to create. In order to possess himself/herself in true freedom, he/she needs an understanding of the forces, which have shaped him/her. Understanding, he/she is then best equipped to conserve, renovate, and/or innovate with the wisdom and compassion for the greater benefit of the community of man. In order to accomplish this, the student should be exposed to the historical, sociological, psychological, geographical, political and economic literature, and to become knowledgeable in the same:

- to equip the student with social inquiry and historical research



- to develop critical judgment relative to the period past and present; and
- to seek variable solutions to social problems through careful evaluation of all pertinent information

**World Cultures 1 Credit**

World Cultures is a required freshman course. It is a study of the different cultural areas of the world with emphasis on the geographical, historical, and living habits of each region studied. Focus on comparing cultures of the past to the dynamic world of the present is the emphasis of the course.

**US History 1400-1900 1 Credit**

- Prerequisite: World Cultures

American History is a required sophomore course. The course consists of a chronological knowledge-based study of the people and events, which have shaped America’s past toward exploration of the present.

**US History 1400-1900 (Honors) 1 Credit**

- Prerequisite: “A” in World Cultures

In addition to the requirements and study of the information presented in the US History 1400-1900 class the curriculum required of Honors students consists of in-depth, complex weekly discussion questions, more challenging exams which require problem-solving as well as a reflective process, essays and a research paper relative to a topic in the period of United States History between 1400-1900 to be completed each semester.

**Contemporary American History 1900-Present 1 Credit**

- Prerequisite: World Cultures and US History

20<sup>th</sup> Century America is required for all juniors. This course consists of a chronological knowledge-based study of the people and events that have shaped America’s past from 1900 to the present.

**Contemporary American History 1900-Present (Honors) 1 Credit**

- Prerequisite: 90% or above in US History 1400-1900 (standard or Honors)

In addition to the requirements and study of the information presented in Contemporary American History class the additional emphasis for Honors students will be to challenge their knowledge by participating in problem-seeking, problem-solving, scholarly and creative processes. Focus will be on critical analysis and application, as well as reflective thinking skills. Thought stimulating weekly discussions will be completed, complex exams will test the thought process and knowledge of material presented, short essays will be required and a research paper relative to the topic of American History from 1900-present will be required each semester.

**Civics 1 Credit**

- Prerequisite: World Cultures, US History, and Contemporary American History

Civics is the study of the rights and obligations of citizens in society. Civics relates to behavior affecting other citizens. Civics is the study of the theoretical, political and practical aspects of citizenship, as well as its rights and duties. It includes the study of civil law and civil codes, and the study of government with attention to the role of citizens in the operation and oversight of

government. Emphasis is placed on a detailed study of the U.S. Constitution and relationship to functions of the legislative, executive, and judicial branches of the government.

—OR—

**POLS 102 - American National Government and Politics\*** **1 HS credit/  
3 College Credit(s)**

- Pre/Corequisite(s): Satisfactory reading and writing placement test scores or ENG 097 or ENG 101. Note: See Core Coursework Transfer Agreement information in the General Education section.

This course is a study of the development and performance of the American political system. It is concerned with the policy-making process, the distribution of political power, the system of checks and balances and major political institutions. Particular attention is devoted to the subjects of civil liberties, civil rights, congressional/presidential relations and the role of the Supreme Court. The electoral process, public opinion and political behavior also are considered in light of current political events.

\*See WVNCC Guidelines below for eligibility requirements

**AP Microeconomics (Upperclassmen)** **1 Credit**

- Prerequisite: Completed Algebra II with a B or higher (or instructor approval)

This course explores the principles of economics that apply to the functions of individual decision makers, both consumers and producers, within an economic system. Students will learn about the nature and functions of product markets and factor markets and about the role of government in promoting greater efficiency and equity in the economy. Emphasis will be placed on using graphs, charts, and data to analyze, describe, and explain economic concepts. Students will be required to take the AP Microeconomics test in May for a fee specified by College Board. Individual colleges determine if college credit is given based on earned AP score.

**AP Macroeconomics (Upperclassmen)** **1 Credit**

- Prerequisite: Completed Algebra II with a B or higher (or instructor approval)

This course explores the principles of economics that apply to an economic system as a whole. Students will learn about concepts such as national income and price determination and gain familiarity with economic performance measures, the financial sector, stabilization policies, economic growth and international economics. Emphasis will be placed on using graphs, charts, and data to analyze, describe, and explain economic concepts. Students will be required to take the AP Macroeconomics test in May for a fee specified by the College Board. Individual colleges determine if college credit is given based on earned AP score.

- AP Microeconomics and AP Macroeconomics will NOT be taught during the same school year. The courses will alternate from year to year.
- **Students who take AP Microeconomics and/or AP Macroeconomics are required to pay for the AP test by the last school day in September AND take the AP Exam in May at the end of the spring semester. NO EXCEPTIONS!**

## Science

Faced with technological achievements, the Science Department has important tasks:

- to develop in students the habit of observation with a recognition of important results;
- to give thorough practice in the scientific method, i.e., acquiring concepts, comprehending general laws, reasoning from them and testing one's conclusions by experiment;
- to encourage and assist individual scientific exploration;
- to coordinate with the other departments so that the student may see other aspects of man and his destiny; and
- to emphasize the fundamental Christian values and the dignity of man in relation to increasing scientific knowledge.

### **Biology (Sophomores)** **1 Credit**

- Prerequisite: Earth Science

This course is a study of the cell, genetics, evolution, and classification. Biology is the natural science that studies life and living organisms, including their physical structure, chemical processes, molecular interactions, physiological mechanisms, development and evolution.

### **Biology (Honors) (Sophomores)** **1 Credit**

- Prerequisites: "A" in Earth & Space Science, "90%" or higher in Algebra I, Science Teacher Recommendation

Honors Biology is a more in depth version of the topics covered in regular Biology and is open only to selected students who have excelled in Earth & Space Science (see prerequisites above).

### **Biology 101 - General Biology I (Upperclassmen ONLY - Dual Credit)** **1 Credit**

- Prerequisites: "A" in Biology OR "90%" or higher in Honors Biology, "A" in all other previously taken science courses, teacher recommendation for any exceptions. For both WVU BIO 101 & 102, the student must have at least a 3.0 GPA—this is a WVU requirement.

This course is offered through the **WVU Early Access Program**. This class will include video lectures from a WVU professor with Madonna-led instruction to supplement.

Course Learning Outcomes: This is a general biology course which investigates concepts in cell biology, genetics, ecology, and evolution. This course also highlights the importance of scientific discovery and its impact on society.

Upon successful completion of the course, students will be able to:

- Describe molecular, cellular, genetic, evolutionary, and ecological concepts using the correct scientific terminology and draw connections between these topics.
- Describe the structure and function of a cell and evaluate how this microscopic level of life influences genetic inheritance of traits, evolution, and ecology.
- Predict the inheritance of a few simple organismal traits and evaluate the genetic complexity of most organismal traits and disorders.
- Recognize the ecological interactions that shape our planet and criticize the impact of humans on our environment.
- Apply concepts of cell division to cancer as well as normal bodily maintenance and function.

- Evaluate biotechnology (genetic engineering, stem cells research, cloning, etc.) and consider the future of these fields.

**Biology 101L - General Biology I (Lab course that accompanies General Biology I)**

Course learning outcomes: Biology 101L is a general biology laboratory course, which investigates concepts and applications in cell biology, genetics, ecology, and evolution. This course also strives to show the importance of scientific discovery and its impact on society. The material covered in this laboratory course supplements and complements the material covered in Biology 101 lecture. Upon successful completion of this course, students will be able to:

- Evaluate through simulated experimentation current environmental and human health issues.
- Collect, analyze, and interpret scientific data to draw valid conclusions.
- Utilize scientific tools, equipment, and technology through virtual simulations to conduct and report scientific research.
- Construct and interpret graphs.
- Concisely document in written form connections between collected data and established scientific principles.
- Conduct virtual experiments that address testable hypotheses in cell biology, genetics, ecology, and evolution.

**Biology 102 - General Biology II (Upperclassmen ONLY - Dual Credit) 1 Credit**

- Prerequisites: "A" in Biology OR "90%" or higher in Honors Biology, "A" in all other previously taken science courses, teacher recommendation for any exceptions. For both WVU BIO 101 & 102, the student must have at least a 3.0 GPA —this is a WVU requirement.

This is a general biology course that covers the basic diversity, morphology, and physiology of living things. Although specifics are given for organisms in every kingdom, plant and animal morphology (structure) and physiology (function) are emphasized. In addition, photosynthesis and cellular respiration, critical metabolic processes, are examined.

Upon successful completion of the course, students will be able to:

- Describe the diversity of living organisms and generalize how the process of evolution explains both the diversity and unity of life on Earth.
- Identify the life processes of plants including plant cell structure and function, growth, and life cycles.
- Organize information about different cell types and organ structure to describe the specialized functions and regulations of the major organs and organ systems in the animal kingdom.
- Differentiate energy transfers that occur during both photosynthesis and cellular respiration.
- Appraise the importance of homeostatic mechanisms and identify specific examples of the relationship between structure and function within living organisms.
- Analyze current news items and apply these concepts in their own environment, life, and health.
- Predict how disruptions to human physiological systems lead to health issues.

- Explain the importance of plant productivity in today's economy.
- Apply hypothesis-driven inquiry to evaluate case studies.

**Chemistry I** **1 Credit**

- Prerequisite: Enrolled in or have completed Algebra II

This course is built on topics integral to general chemistry. There will be coursework on matter, atomic structure, the periodic table and periodic trends, chemical formulas and reactions, and stoichiometry. The course will also include basic laboratory experiments to support the various topics addressed in the classroom. This course is essential to those students intending to study other scientific areas on the college level.

**Chemistry I (Honors)** **1 Credit**

- Prerequisite: Completed Algebra II or enrolled in Honors Algebra II and Math teacher recommendations

This class will cover concepts of Chemistry I (as stated above) as well as gas laws, chemical bonding and molecular geometry. The course will proceed at an advanced pace.

**Chemistry II (Honors)** **1 Credit**

- Prerequisite: Completed Chemistry I Honors and Chemistry teacher recommendation

Chemistry II will cover molecular structure and polarity, kinetic molecular theory, properties of solids, liquids and gasses, chemical equilibrium and reaction rates, oxidation-reduction reactions, colligative properties, acid-base theories and properties and thermochemistry. This course will also include laboratory experiments to support the various topics addressed in the classroom. This course is recommended for students intending to pursue physical or biological sciences, nursing, or other medical careers.

**Earth/Space Science (Freshman)** **1 Credit**

The course content focuses on geology, weather, climatology, biogeochemical cycles and astronomy. Earth science includes all fields of natural science related to the planet Earth. This is a branch of science dealing with the physical and chemical constitution of the Earth and its atmosphere. Earth science can be considered to be a branch of planetary science, but with a much older history. Lab skills will be required in order to perform and analyze experiments.

**Environmental Science (Upperclassmen)** **1 Credit**

- Prerequisite: Earth & Space Science, Biology

This course addresses the development, structure, function, and importance of ecosystems. Environmental science emerged from the fields of natural history and medicine. The dynamics of populations and communities within these ecosystems is covered with an emphasis on sustainability and the present and future consequences of human activities. Environmental science is an interdisciplinary academic field that integrates physics, biology, and geography into the study of the environment, as well as the solution of environmental problems.

**Forensic Science (Upperclassmen)** **1 Credit**

- Prerequisite: Earth & Space Science and Biology

This course is an advanced course designed to offer students various hands-on aspects of criminal investigation. The content of engineering, technology, and science applications are

integrated as students question and define problems, develop and use models, plan and conduct investigations, analyze and interpret data, as well as develop conclusions in collection of data. This class provides an avenue to use the scientific method to solve “real life” crime situations using logical and critical thinking skills.

**Human Anatomy & Physiology I (Upperclassmen) 1 Credit**

- Prerequisite: Earth & Space Science and Biology 10

A detailed explanation of the structure and function of the human body beyond those already presented in the previous science courses. The course will familiarize students with the functions of their own bodies and prepare those who are interested in further specialized work within the field. A study of human physiological terms, structures, and systems are included. Current topics, physical disorders, and diseases of the human body are used to supplement the lecture material. Several reports and/or project presentations are required. The course is designed to prepare juniors and seniors for college by developing their communicational and analytical skills.

**Human Anatomy & Physiology II (Seniors) 1 Credit**

- Prerequisite: Anatomy & Physiology I

This course will be a continuation of A&P I with an emphasis on the structure and function of the human body beyond those already presented in the previous science courses. The emphasis in the lab is on the anatomy and dissection of an animal and of the individual organs.

**Organic Chemistry (Honors) (Upperclassmen) 1 Credit**

- Prerequisite: Physical Science, Earth Science, Biology

Organic Chemistry is the study of compounds containing carbon. This course will introduce the structure, nomenclature, physical properties, chemical properties, chemical reactions, sources and uses of organic compounds. Classes of organic compounds that will be studied include alkanes, alkenes, alkynes, aromatics, amines, aldehydes, ketones, alcohol, carboxylic acid, esters, and ethers. Organic chemical reactions will be studied, and lab experiments will be conducted to determine properties, preparation of various organic compounds such as aspirin and esters, and reactions of the various types of organic compounds. Completion of Chemistry I would also be valuable in understanding the chemical reactions.

**Physical Science 1 Credit**

This course will involve the study of both chemistry and physics. The chemistry portion of the course will address matter and its properties, the states of matter, the structure of an atom, the periodic table and chemical formulas and chemical reactions. The physics portion of the course will address motion, forces and work. Topics overlapping both chemistry and physics include energy, thermal or heat energy, the electromagnetic spectrum and quantum mechanics.

**Physics (Honors) (Upperclassmen) 1 Credit**

- Prerequisite: A or B in Honors Algebra II

Physics is an advanced study of nature’s universal laws including motion, forces, momentum, energy, work, waves and light, electricity, sounds and magnetic fields. This course emphasizes a mathematical approach to the areas of kinematics, dynamics, fluid mechanics, waves, light and optics, and electricity. Students will engage in active inquiries, investigations and labs to enhance

the study of each topic. A project that will develop conceptual understanding will be completed during the course.

## **English**

Each student has the responsibility to apply Christian principles to all aspects of his/her life. Since literature reflects the language of life, it should make the students more sensitive to the world in which they live. Keeping this in mind, the English Department has established the following objectives:

- to expose students to a broad variety of literary concepts and genres;
- to provide the students with an understanding of their language and literature through the study of grammar and usage, reading, written and oral communication, and receptive skills of listening; and
- to provide the students with the ability to be critical thinkers, discriminate readers, and logical, clear, and convincing communicators.

### **English 9** **1 Credit**

All freshmen will be required to complete English 9. Topics covered will include the following: reading, comprehension, vocabulary, grammar, usage, mechanics, mythology, essay writing, and short stories. Students will also be required to do one independent reading project.

### **English 9 (Honors)** **1 Credit**

- Prerequisite: “A” in both semesters of ELA 8 and a score in the 65th percentile or above in Language and Reading on the Winter/Spring NWEA Map test

This course is designed to challenge highly motivated freshmen who intend to continue taking English honors courses during their sophomore, junior, and senior years. In addition to fulfilling all of the readings, tasks and assignments required in English I, the students will complete an intensified course of study that focuses on furthering student proficiency in the areas of literary analysis, composition, and critical thinking.

### **English 10** **1 Credit**

- Prerequisite: English 9

In this required course, students will strengthen their writing skills by reviewing basic concepts of grammar, usage, mechanics, and style; and then apply these concepts to their writing assignments. The students will also develop vocabulary and reading comprehension skills through the study of various types of literature. In addition, students will be required to do two independent reading projects.

### **English 10 (Honors)** **1 Credit**

- Prerequisite: A grade of “B” or above in Honors English 9 or an “A” in English 9 and score in 65th percentile or above on Language and Reading on Winter/Spring NWEA Map test

This course is designed to challenge highly motivated sophomores who intend to continue taking English honors courses during their junior and senior years. In addition to fulfilling all of the readings, tasks and assignments required in English 10, the students will complete an intensified course of study that focuses on furthering student proficiency in the areas of literary analysis, composition, and critical thinking.

**English 11** **1 Credit**

---

- Prerequisite: English 10

All juniors will be required to complete this course. Students will review the techniques needed to edit written work and apply these concepts to required writing assignments. Students will also continue to develop their reading comprehension and vocabulary skills through the studies of various types of literature. Finally, the students will be required to do two independent reading projects.

**English 11 (Honors)** **1 Credit**

---

- Prerequisite: A grade of “B” or above in Honors English 10 or an “A” in English 10 and score in 65th percentile or above on Language and Reading Winter/Spring NWEA Map test

This course is designed to challenge highly motivated juniors who intend to take college level English courses during their senior year. In addition to fulfilling all of the readings, tasks and assignments required in English 11, students will complete an intensified course of study that focuses on furthering student proficiency in the areas of literary analysis, composition, critical thinking, research writing, and the conventions of standard written English.

**English 12** **1 Credit**

---

- Prerequisite: English 11

Seniors taking this course will review concepts of common errors in writing, accuracy and effectiveness in vocabulary, and reading comprehension. Students will be required to write an extensive research paper on a significant topic. Students will study various types of literature, with a particular focus on poetry. Finally, the students will be required to do two independent reading projects.

—OR—

**ENG 101 - College Composition I\*** **1 HS credit/  
3 College Credit(s)**

---

- Prerequisite(s): Satisfactory reading and writing placement test scores or ENG 097.
- Corequisite(s): Satisfactory reading and writing placement test scores or ENG 101S.
- Note: See Core Coursework Transfer Agreement information in the General Education section.

This course requires the writing of paragraphs and short essays, and students are expected to possess a command of sentence and paragraph structure. Selected essays are read and discussed. Emphasis is placed on acquiring research skills through the process of writing a research paper.

\*See WVNCC Guidelines below for eligibility requirements

**ENG 102 - College Composition II\*** **1 HS credit/  
3 College Credit(s)**

---

- Prerequisite(s): ENG 101
- Note: See Core Coursework Transfer Agreement information in General Education section



This course is a continuation of ENG 101, with an introduction to poetry, short stories and plays. Students write essays based on the literature read, and emphasis is placed on acquiring research skills through the process of writing a research paper.

\*See WVNCC Guidelines below for eligibility requirements

## **Fine Arts**

Art is the product or process of deliberately arranging items in a way that influences and affects one or more of the senses, emotions, and intellect. It encompasses a diverse range of human activities, creations, and modes of expression, including architecture, design, music, literature, film, photography, sculpture, and painting. The meaning of art is explored in a branch of philosophy known as aesthetics, whereas disciplines such as anthropology, sociology and psychology analyze its relationship with humans and generations.

### **Art 1- Foundations of Art**

**1 Credit**

This course is offered to students at the introductory level to the visual arts. Students will explore artist materials, techniques and processes essential to creating through the visual arts, while also learning the artist's role in society. Students will learn the benefits of creative self-expression and its effectiveness as a communicative tool. An emphasis on the Elements and Principles of Design will be taught through various 2- dimensional and 3-dimensional studio projects.

### **Drama**

**1 Credit**

Students will learn to develop and act out simple scenes. They will practice cold script reading, using their voice to express themselves, basic stage movement, and line memorization.

Students will act out basic scenes and evaluate other students' performances. Students will view and evaluate local area performances. Students will assist with the school musical production through set building, set design, and either acting in the play or helping as part of the technical crew.

### **Technical Theater (Upperclassmen Only)**

**1 Credit**

What an audience sees is only a small fraction of how a play or performance comes into being. The technical theater class will allow students the chance to build sets, create sound and lighting designs, work with stage make-up and much more associated with theater

## **Electives**

### **ACT PREP Class (Juniors)**

**1 Credit**

The primarily web-based course which is used in the classroom setting allows students to use the courses as a supplement in preparation for the SAT/ACT test. The class follows a comprehensive **tracking report** to determine which students completed their work and how they are improving based upon their baseline test. Students listen to math, verbal and writing tutorials and each tutorial is accompanied by a quiz to test student mastery. The class offers the student an understanding of their strengths and weaknesses so as to improve their overall level of knowledge. Students will be graded on individual progress based upon assignments given during class or as homework assignments.

**Creative Writing** **1 Credit**

In this course, students will broaden their writing skills and talents by discussing and analyzing excellent published fiction and prose in order to learn the narrative techniques and strategies employed by professional writers and then apply these techniques and strategies to produce their own works of poetry, prose, and drama.

**Current Events** **1 Credit**

This course will involve the social studies students in the research of events that are current in our society. The course will be devoted to news of every type, discussions, and possible implications. The air of this course is to present an awareness of issues and responsibilities to our young people. Topics will be chosen and presented from books, newspapers, magazines, and credible internet sources.

**Geography** **1 Credit**

This class examines the world and its structure. The locations, the features, and the cultures of the world are also explored. The course will analyze varying types of Geography to provide students with a solid and well-rounded understanding and view of the world. Geography is the study of the physical features of the earth and its atmosphere, and of human activity as it affects and is affected by these, including the distribution of populations and resources, land use, and industries.

**Introduction to Business (Upperclassmen only)** **1 Credit**

The introductory business and management course aims to help students understand the implications of business activity in a global market. Students gain an international perspective of business and appreciation of cultural diversity through topics like business organization and environments, accounts and finance, international marketing, human resources management, growth and operations management. The course encourages the appreciation of ethical concerns and issues of social responsibility in the global business environment. The course will touch on Business Law, Accounting Concepts, and Principles of Management. Basic skills of problem solving, decision making, communicating, motivating and delegating will be emphasized. This course is further designed to develop the knowledge and skills necessary to prepare for the dual role of wage earner and family member. This course will assist students in assessing their personal strengths and weaknesses as they relate to career decisions. This course will aid the student in developing strategies to make an effective transition from school to college or work. The student will develop skills in this course that are generic to all occupations, such as properly preparing career documents needed to obtain employment. Knowledge of the factors involved in these roles is vital for preparing students to make informed and competent decisions regarding career and family life. This course focuses on the development of the transferable skills students need in job and life situation tasks. These skills include: basic academic skills, thinking skills, personal qualities, use of resources, interpersonal skills and using information. Topics that will be included in this course:

- Analyzing interest, aptitudes and skills to make informed career goals.
- Using job shadowing to research careers of interest and identify career preferences.
- Demonstrating job seeking and job keeping skills to gain immediate or future employment.
- Identify entrepreneurial characteristics and skills.

## **Yearbook (Seniors)**

**1 Credit**

- Prerequisite: “B” or above in English 9, 10, and 11 and Teacher Recommendation
- Students must be committed until completion of the yearbook, which may require additional time spent after graduation. (Class is limited to ten students)

This course is designed to provide the students with an understanding and appreciation of the various aspects of producing a yearbook. Emphasis included photography, computer layout and design, time management and team organization, journalistic writing, interviewing, and meeting deadlines. Students will also be responsible for producing the Senior Video.

## **MOOCs**

### **(Juniors and Seniors only, online, independent)**

Massive Open Online Courses. The site is MOOC.org.

Below are several options that have proven successful. However, students are welcome to explore the site and upon approval of the administration take an alternative, approved course.

**The course, upon approval and successful completion, will be placed on the student’s transcript; however, it will not factor into a student’s GPA.**

### **Intro to Business**

This course is designed to prepare students who are interested in the business field in college. The courses are online. All the classes have a cost (Approx. \$100-\$250) to obtain the certificates which are mandatory in order to be placed on the student’s transcript

### **Intro to Engineering**

This course is designed to prepare students who are interested in the field of engineering in college. The courses are online. All the classes have a cost (Approx. \$100-\$250) to obtain the certificates which are mandatory in order to be placed on the student’s transcript.

### **Intro to Healthcare**

This course is designed to prepare students who may be interested in the healthcare field in college. The courses are online. All the classes have a cost (Approx. \$100-\$250) to obtain the certificates which are mandatory in order to be placed on the student’s transcript.

### **Intro to Pre-Law**

This course is designed to prepare students who are interested in the pre-law field in college. The courses are online. All the classes have a cost (Approx. \$100-\$250) to obtain the certificates which are mandatory in order to be placed on the student’s transcript.

## WVNC College Classes

Requirements to register for the Early Entrance Program at WVNC as a rising Madonna Senior:

- A or B in all English and Math Courses Freshman, Sophomore, and Junior years, except for Math 110 and 279 which require all As in high school Math

**OR these minimum scores on the ACT/SAT:**

- ACT: Reading - minimum 17, English - minimum 18, Math - minimum 21
- SAT: EBRW (Evidence-Based Reading & Writing) - minimum 480, Math - minimum 530

- Students enrolling in ENG 101 & PSYCHOLOGY 105 for the Fall Semester MUST ENROLL in ENG 102 & SOCIOLOGY 125 for the Spring Semester.
- Students who enroll in 279 CALCULUS in the Spring Semester must have successfully completed 110 PRE-CALCULUS in the Fall.
- If a student enrolls in 110 PRE-CALCULUS and 279 CALCULUS, English 101 and 102 must be taken online because 110/279 and 101/102 classes are scheduled for the same time. NO EXCEPTIONS!
- The classes listed below (History 110, History 111, and POLS 102) are available online and will count toward the student's GPA for graduation.

### **ENG 101 - College Composition I**

**1 HS credit/**

**3 College Credit(s)**

- Prerequisite(s): Satisfactory reading and writing placement test scores or ENG 097.
- Corequisite(s): Satisfactory reading and writing placement test scores or ENG 101S.
- Note: See Core Coursework Transfer Agreement information in the General Education section.

This course requires the writing of paragraphs and short essays, and students are expected to possess a command of sentence and paragraph structure. Selected essays are read and discussed. Emphasis is placed on acquiring research skills through the process of writing a research paper.

### **ENG 102 - College Composition II**

**1 HS credit/**

**3 College Credit(s)**

- Prerequisite(s): ENG 101 .Note: See Core Coursework Transfer Agreement information in General Education section

This course is a continuation of ENG 101, with an introduction to poetry, short stories and plays. Students write essays based on the literature read, and emphasis is placed on acquiring research skills through the process of writing a research paper.

**HIST 110 - The United States to 1865****1 HS credit/****3 College Credit(s)**

- Pre/Corequisite(s): Satisfactory reading and writing placement test or ENG 097 or ENG 101.
- Note: See Core Coursework Transfer Agreement information in the General Education section.

This course surveys the history of the United States through the Civil War, stressing the origin and development of various attitudes and beliefs about the meaning of the American experience.

**HIST 111 - The United States Since 1865****1 HS credit/****3 College Credit(s)**

- Pre/Corequisite(s): Satisfactory reading and writing placement test scores or ENG 097 or ENG 101. Note: See Core Coursework Transfer Agreement information in the General Education section.

This course surveys the history of the United States from the Civil War, emphasizing the response of Americans to a maturing technological society which challenges the resilience of traditional values and institutions

**POLS 102 - American National Government and Politics****1 HS credit/****3 College Credit(s)**

- Pre/Corequisite(s): Satisfactory reading and writing placement test scores or ENG 097 or ENG 101. Note: See Core Coursework Transfer Agreement information in the General Education section.

This course is a study of the development and performance of the American political system. It is concerned with the policy-making process, the distribution of political power, the system of checks and balances and major political institutions. Particular attention is devoted to the subjects of civil liberties, civil rights, congressional/presidential relations and the role of the Supreme Court. The electoral process, public opinion and political behavior also are considered in light of current political events.

**PSYC 105 - Introduction to Psychology****1 HS credit/****3 College Credit(s)**

- Pre/Corequisite(s): Satisfactory reading and writing placement test scores or ENG 097 or ENG 101. Note: See Core Coursework Transfer Agreement information in the General Education section.

This course is a survey of psychology. Major topics include emotion, motivation, perception, learning, personality development, cognition and normal and abnormal behavior. Current therapies, changes throughout the lifespan and biological states as they affect behavior also are studied.

**SOC 125 - Introduction to Sociology**

**1 HS credit/  
3 College Credit(s)**

- Pre/Corequisite(s): Satisfactory reading and writing placement test scores or ENG 097 or ENG 101. Note: See Core Coursework Transfer Agreement information in the General Education section.

This course is an introduction to basic sociology concepts, to sociology as a discipline and to the techniques of social research. Included for study are social structure, social relationships, culture, major social institutions and sources of social change.

**ADDITIONAL COLLEGE CLASSES:** Should an upper-level Math class NOT taught at Madonna High School be available at an approved college, it will be reviewed by the Madonna Administration and the Madonna High School Math Department with the option of adding it to the student's transcript and calculated toward their cumulative GPA. The currently approved college-level Math courses are listed on page 14 in the Curriculum Guide (Handbook pages 100-101).

## Honors Program

Based upon grades and faculty recommendation, the students of Madonna High School may take honors courses to further enhance their education. These courses are designed by the faculty to provide an in-depth analysis and study of additional topics within the curriculum. Students who successfully complete 14 honors courses may be eligible to graduate with “Honors”. Students who successfully complete 19 honors courses may be eligible to graduate with “Distinguished Honors”. The student’s diploma and transcript will note that the student did complete the requirements of the honors program.

### Criteria to Obtain an Honors Credit

- Students must have a grade of “A” or “B” in the regular coursework to be eligible for an honors class.
- Students must complete all honors assignments in a timely fashion and according to the criteria established by the faculty.
- Students must maintain a grade of “A” or “B” in the honors portion of the course.
- If the student does not meet the above criteria, the course will be listed as “Honors” on their transcript but will not count toward the total number needed to graduate with “Honors”.

### Criteria to Graduate with Honors

- Students must have an overall GPA of 3.0 or higher in all courses.
- Students must have earned 14 honors credits. If the student earns a grade of “C” or lower in an honors course, that course will not count toward the total needed to graduate with “Honors”.
- Transfer students may transfer a maximum of three (3) honors courses to Madonna, at the discretion of the Administration.
- All college-level courses at Madonna High School will be counted as an honors-level class towards graduation with “Honors”.
- Honors students will be recognized at graduation by wearing a gold honor hood with the Madonna cap and gown.

### Criteria to Graduate with Distinguished Honors

- Students must have an overall GPA of 4.0 or higher in all courses.
- Students must have earned a minimum of 19 honors credits with no grade below a “B” to be considered for “Distinguished Honors”.
- Distinguished Honors students will be recognized at graduation by wearing a gold hood with 2 stars.

## Prefect System\*

The Madonna Senior Prefect system is designed to recognize those who put forth extra effort with greater responsibilities. As Jesus says: “Since you were faithful in small matters, I will give you great responsibilities” (Matthew 25:21). Prefects will assist with school tours, tutoring, graduations, etc. Prefects who are not Senior Class Officers will assist in planning social and/or educational activities (example: May Day, Guest Speakers, or events approved by the

Administration). Additionally, Senior Prefects will be recognized at graduation by wearing a blue Prefect cord.

Prefect selection is based on completion of application fulfilling the following:

Class of 2023:

- Member in good standing of National Honor Society
- GPA > 3.75
- Lettered in a sport or participated in the school play
- Active member of Pep Club or additional sport/or play participation
- Actively participate in one additional club with letter of recommendation from sponsor on significant contribution toward the club
- Essay on topic selected by Administration (Benefits of a Catholic Education)
- Less than ten (10) absences in a school year
- At least 75 service hours by application
- Attend Pro-Life March with school or other Madonna approved event
- Take 1 AP Class with an “A” in the class

Class of 2024 and following

- All of the above
- At least 100 service hours by application
- Take at least 2 AP Classes with an “A” in the class or a score of 3 or higher on AP exam

***NOTE:***

***Service Hours must be approved by Madonna High School Administration to be considered toward valid count of necessary Prefect hours. Determination of candidates for Prefect recognition, based upon above requirements, will be made by Madonna High School Administration.***

***\*Updated Prefect System requirements for 2025 and beyond to come pending further review***