



Mercy Education  
Educación de la Misericordia

Courageous Action. Selfless Spirit.™  
Acción valiente. Espíritu altruista.™

# Mercy Learning Online

Course Description Guide



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\*Available by request.

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## **Section One – ½ Credit Courses**

### **American Government**

#### **N-SS01**

In this ½ credit course, students will study the foundation, theory, structure and process of American government. Students will analyze the Constitution. Students will learn the branches of government and their roles and functions. Through exploration of current governmental issues, public policy and the responsibilities of citizenship, students will further develop their skills of critical analysis.

### **Anatomy**

#### **N-S02**

In this ½ credit course, lessons include an introduction to anatomy including language, organ systems, and types of tissues; study of the skeletal and muscular systems; study of the cardiovascular and respiratory systems; study of the digestive and nervous systems; and study of the urinary system and reproductive systems. Each lesson includes material to read and sites to access for information. Assignments require writing, analysis, critical thinking, and demonstration of core knowledge and concepts.

### **Art History**

#### **N-A01**

In this ½ credit course, students will study the visual arts in historical and cultural contexts. Study ranges from Prehistoric through Egyptian Art up to Modern Art. Each topic includes information on the time period, its characteristics, key artists and key works. Students will further develop their skills of critical analysis and be encouraged to strengthen and deepen appreciation for the arts.

### **Astronomy & Cosmology**

#### **N-S03**

This ½ credit course introduces students to the study of astronomy, including its history and development, basic scientific laws of motion and gravity, the concepts of modern astronomy, and the methods used by astronomers to learn more about the universe. Additional topics include the solar system, the Milky Way and other galaxies, and the sun and stars. Students will be expected to make sky observations (no telescope required) with suggested objects to look for. Using online tools, students will examine the life cycle of stars, the properties of planets, and the exploration of space.

## **Creative Writing**

### **N-E05**

½ credit course - Creative Writing is a form of art and personal expression. Writing expands one's understanding of the world, its people, and oneself. This Creative Writing course is designed to aid students in their creative expression, as well as delivery of one's writing. Students will read and engage in activities/assignments about the craft of writing while also creating their own work. This new knowledge will be used to complete the required assignments. This course provides students the opportunity to create original forms of descriptive writing, poetry, drama, fiction, and nonfiction. Creative writing techniques and skills will be explored and applied.

## **Digital Marketing**

### **N-BT01**

This performance-based course introduces students to the components of marketing, which utilize internet and online-based digital technologies and platforms to promote products and services. Students will learn the principles and design skills to digitally create advertisement layouts, websites, mobile app design, and social media campaigns. Units of study include: Basics of Marketing and Promotion, Digital Advertising and Ethics, Layout and Page Design, Mobile App Design, Social Media Campaign, and Website Design.

## **Economics**

### **N-SS02**

In this ½ credit course, students will study basic economic theory. Moreover, they will learn to apply basic economic concepts to real-world issues and problems. Knowledge of fundamental principles and application of theory will be addressed. Through this application, students will further develop their skills of critical analysis.

## **\*Environmental Science**

### **N-S05**

In this ½ credit course, students will explore the concepts and issues of environmental science. In addition, the course will include: the context of Earth as a Critical Concern of the Sisters of Mercy; reading and exploring the messages in *Laudato Si* - Pope Francis' encyclical on the environment and human ecology; and course content and processes that lead to greater knowledge and understanding of the environment, challenges to it and potential solutions.

## **Fitness**

### **N-P01**

In this ½ credit course, the components of fitness, the F.I.T.T. principle and developing a personal fitness plan, fitness and safety, and healthy eating are the lessons included. Students will further develop their skills of critical analysis and be encouraged to strengthen and deepen appreciation for the need for fitness.

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\* Available upon request



## **Global Affairs**

### **N-SS10**

In this ½ credit course students will explore a number of critical issues that face the global community. Topics will be chosen from historical and current economic, geographic, cultural and political issues. Study will focus on developing critical thinking skills.

## **Health**

### **N-SP01**

In this ½ credit course, students will learn about and research contemporary health issues. Students will be able to apply practices and habits that will enhance their general health. Using the four domains (physical, social, emotional, and intellectual) of health, students will be able to specify healthy and unhealthy practices within each domain. By recognizing and critically analyzing current health problems for adolescents, students will discover prevention techniques and solutions to implement into their own lives.

## **Introduction to Psychology**

### **N-SS03**

In this ½ credit course, the focus will be on learning basic theories and principles of psychology. Major areas of the study of psychology will be considered. In exploring these areas, students will learn that the study of behavior and mental processes is extensive, interesting relative to everyday life. This course shall consider the areas of: Developmental Psychology, Learning/Cognition, Emotion/Motivation, Abnormal Psychology/Treatments, and Social Psychology. Students will further develop their skills of critical analysis and be encouraged to strengthen and deepen their understanding of the field of psychology.

## **\*Music Appreciation**

### **N-AM01**

In this ½ credit course, students will study music in its historical and cultural contexts. Study will include a variety of genres and will include the works and contributions of significant artists and composers. Students will further develop their skills of critical analysis and be encouraged to strengthen and deepen appreciation for music.

## **\*Sociology**

### **N-SS05**

In this ½ credit course, students will study sociology, the study of human society and social behaviors. Sociologists are mainly interested in social interaction or how people relate to one another and influence each other's behavior. Students will further develop their skills of critical analysis and be encouraged to strengthen and deepen their understanding of human and social behavior

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\* Available upon request

**Speech****N-A03**

In this ½ credit course, students will study the basic principles, components, and skills of effective speaking and listening. Study will include research, writing, speaking, listening, and evaluating. Students will study effective uses of rhetoric and persuasion.

**Street Law****N-SS09**

In this ½ credit course, students will explore the knowledge and skills necessary to live in a lawful society. Topics will include the differences in Civil and Criminal law. A variety of resources will be used to enhance learning. This course is designed for students with an interest in the law and in a study of society.

## **Section Two – Credit Recovery Courses**

### **Algebra 1-A**

#### **N-M01-A**

In this credit recovery class, lessons include order of operations, evaluating expressions, properties of operations, equations, ratios, proportions, exponents, inequalities, absolute value and functions. A variety of web based sites for review and practice is included in the course.

### **Algebra 1-B**

#### **N-M01-B**

In this credit recovery class, lessons include a continued study of the concepts studied in Algebra 1. Polynomials, factoring, quadratic equations, radicals and statistics will be studied. A variety of videos, web applications, and practices is included in this course.

### **Algebra/Trigonometry A**

#### **N-M04-A**

In this credit recovery, course lessons include a review of topics such as but not limited to algebraic essential, equations, functions, and quadratics. A variety of web-based lessons and teacher created examples for review and practice is included in the course.

### **Algebra/Trigonometry B**

#### **N-M04-B**

In this credit recovery, course lessons include a review of topics such as but not limited to exponents, logs, statistics, probability, and trigonometry. A variety of web-based lessons and teacher-created examples for review and practice is included in this course.

### **Biology A**

#### **N-S01-A**

This credit recovery course includes a study of basic topics in Biology, including the building blocks of life, atoms, compounds and more, the study of cells, animal and plant, and a study of genetics and its key concepts. A variety of online activities is included in the course. Students will grow in their understanding of fundamental concepts in Biology, the study of life.

### **Biology B**

#### **N-S01-B**

This credit recovery course includes a study of basic topics in Biology, including the history of life, lessons in the evolution of life, biological systems, with a focus on animals, and classification systems including plant and animal classification. A variety of online activities is included in the course. Students will grow in their understanding of fundamental concepts in Biology, the study of life.

## **Chemistry A**

### **N-S04-A**

In this credit recovery course lesson topics covered will examine, but not be limited to the science of Chemistry, organization of matter, classifications, chemical composition and chemical reactions of matter. Students will study to gain increased understanding of chemical concepts and increased ability in problem solving skills, abstract and critical thinking skills.

## **Chemistry B**

### **N-S04-B**

In this credit recovery course lesson topics covered will examine, but not be limited to mole and quantifying matter, motion of atoms and matter, solutions, acids, bases, equilibrium and rates of reaction. Students will study to gain increased understanding of chemical concepts and increased ability in problem solving skills, abstract and critical thinking skills.

## **English 9**

### **N-E02-A & B**

In this credit recovery course students will read and analyze assigned works. Lessons will include vocabulary study and writing assignments to help students strengthen writing skills. Through analysis of fiction and poetry, students will further develop their skills of critical analysis. Web resources are used including a study of the contributions of authors included in the course.

## **English 10**

### **N-E03-A & B**

In this credit recovery course students will read and analyze assigned works. Lessons will include writing assignments to help students strengthen writing skills. Works include fiction and poetry. Through analysis of the works themselves and application in writing, students will further develop their skills of critical analysis. Students will analyze the contribution of the writers and learn more about their historic contribution to literature.

## **English 11-12**

### **N-E04-A & B**

This credit recovery course includes the study of writing and literature. Writing in connection with the literature studied, is an important feature. Through analysis of the works themselves and application in writing, students will further develop their skills of critical analysis. Students will demonstrate knowledge of correct research documentation.

## **Geometry A**

### **N-M03-A**

In this credit recovery class, students will review skills taught in Geometry including geometric vocabulary and notation, points, lines, line segments, midpoints, rays, planes, angles, types of angles and angle relationships, triangles, and their properties and more. A variety of videos, web applications, and practices is included in this course.



## **Geometry B**

### **N-M03-B**

In this credit recovery class, students will review skills taught in Geometry including ratio, proportion, triangle similarity, circles, solid geometry, volume, and surface area. A variety of videos, web applications, and practices is included in this course.

## **Spanish 1-A**

### **N-L01-A**

In this credit recovery class study will include vocabulary, grammar, verb forms, and listening skills. It will also include information on culture. A variety of web resources will be used to enhance learning. This course is to assist students with the fundamentals of first year Spanish.

## **Spanish 1-B**

### **N-L01-B**

In this credit recovery class study will include continued study of vocabulary, grammar, verb forms, and listening skills. It will also include information on culture. A variety of web resources will be used to enhance learning. This course is to assist students with the fundamentals of first year Spanish.

## **Theology 9-10 A**

### **N-T01-A**

This credit recovery course is designed with a focus on the Gospels. Course work includes background information, reading of key texts, personal reflection, analysis and written analysis and reflection. Students will also be invited to reflect on their faith and its lived expression.

## **Theology 9-10 B**

### **N-T01-B**

In this credit recovery course students will explore some of the ways one encounters the living Jesus Christ in and through the Catholic Church. Course work includes background information, reading of key texts, personal reflection, analysis and written analysis and reflection. Students will also be invited to reflect on their faith and its lived expression.

## **Theology 11-12 A**

### **N-T03-A**

In this credit recovery course, the focus is Social Justice, as taught in the Gospels, called for in Catholic Social Teaching and challenged in current social issues. The course will include reading for increased knowledge, reflection, writing, and intended growth in critical analysis. Students will also be invited to reflect on social justice and its lived expression in their lives.

## **Theology 11-12-B**

### **N-T03-B**

In this credit recovery course, the focus is on World Religions, including Christianity, Judaism, Islam, Hinduism and Buddhism. The focus of study is knowledge of the basic tenets of each and interrelationships. The course will include reading for increased knowledge, reflection, writing, and intended growth in critical analysis. Students will also be invited to reflect on their faith and its lived expression.

## **United States History A**

### **N-SS07-A**

This credit recovery course will include a study of United States History. A study of key historical periods and critical analysis of significant historical events, political, and social themes and movements from the American Colonies to Reconstruction will be included. Students will learn both historical information and demonstrate the ability to analyze and interpret the significance of this information. A variety of web resources will be used to enhance understanding and knowledge.

## **United States History B**

### **N-SS07-B**

This credit recovery course will include a study of United States History. A study of key historical periods and critical analysis of significant historical events, political, and social themes and movements from the American Gilded Age to the present will be included. Students will learn both historical information and demonstrate the ability to analyze and interpret the significance of this information. A variety of web resources will be used to enhance understanding and knowledge.

## **World History A**

### **N-SS06-A**

This credit recovery course will include a study of World History from the time of the Ancient World including Egypt, Rome and Greece through the Middle Ages, Early, High and Late Middle Ages and the End of the Middle Ages and the Renaissance. Key Facts, important vocabulary, important philosophies and beliefs, contributions to history and the cultural significance of the times will be included. A variety of web resources will be used to enhance understanding and knowledge.

## **World History B**

### **N-SS06-B**

This credit recovery course will include a study of World History including the periods of Reformation/Revolution, War and Conflict from 1914-1945 including background, causes, course of, impact; and Modern Times 1945 – Present. Key Facts, important vocabulary, important philosophies and beliefs, contributions to history and the cultural significance of the times will be included. A variety of web resources will be used to enhance understanding and knowledge.

## **Section Three – Non-Skills Courses**

### **Fundamentals: Grammar and Writing**

#### **N-E10**

Students will have the opportunity to strengthen fundamental grammar and writing skills. Web resources are primarily used in study. This skills course is designed to help students strengthen grammar and writing skills which will be needed for further study. Students entering first year secondary school can benefit from this summer review course. This is a non-credit enrichment course.

### **Strengthening Pre-Algebra & Algebra Skills**

#### **N-M05**

In this non-credit skills course students will have the opportunity to strengthen fundamental skills and to grow in mastery of basic pre-algebra and algebraic concepts. Web resources are used in study. Moreover, additional websites and Apps are presented for further study and practice.