

Roncalli Catholic High School

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GRADING				
Regular Courses		Honors	AP/Dual Credit	
A	= 93-100%	(4.0)	+2	+5
B+	= 89- 92%	(3.5)	+2	+5
B	= 85- 88%	(3.0)	+2	+5
C+	= 81- 84%	(2.5)		
C	= 77- 80%	(2.0)		
D+	= 74- 76%	(1.5)		
D	= 70- 73%	(1.0)		
F	= 69% or less	(0)		
College-level grading for AP/Dual Credit				
A	= 90-100%	(4.0)		
B	= 80- 89%	(3.0)		
C	= 70- 79%	(2.0)		
D	= 60- 69%	(1.0)		
F	= 59% or less	(0)		

GRADUATION REQUIREMENTS

Graduation requirements for RCHS provide our students with a strong background in the core curriculum areas, along with broad study and experience in theology. The requirements are consistent with our mission statement. In order to graduate from RCHS, a student must fulfill a minimum of the following requirements:

Subject	Credits
Religion	16 (4 Years)
English	16 (4 Years)
Math	12 (3 Years)
Science	12 (3 Years)
Social Studies	12 <i>Must include 1 semester of Government and 1 semester of Economics/Personal Finance</i>
World Languages	8 <i>Students who are unable to fulfill this requirement may substitute credits from other content areas.</i>
Technology	2 <i>All students take one semester of Technology Applications.</i>
Physical Ed	2
Arts	2
Health	2
Electives	18

HONORS and HIGH HONORS:

High Honors and Honors Lists will be posted at the end of each semester. Honorable Recognition requires a 3.0 grade point or greater for the semester.

- Honor Roll requires a 3.5 grade point average or above
- High Honor Roll requires a grade point of 3.75 or above

RELIGIOUS EDUCATION

-Mr. Tim Mueiting

-Ms. Anne O'Neill

-Mrs. Coco Osborne

JESUS CHRIST IN SCRIPTURE

Prerequisites: None

Gr: 9th

Duration: Sem

This course gives 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. Students 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. *(Fulfills religion requirement)*

JESUS CHRIST IN SCRIPTURE (Honors)

Prerequisites: None

Gr: 9th

Duration: Sem

This course gives 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. Students 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, with further emphasis on the Old Testament. *(Fulfills religion requirement)*

CHRISTOLOGY

Prerequisites: None

Gr: 9th

Duration: Sem

This course will introduce students to the mystery of Jesus Christ, the living Word of God, the Second Person of the Blessed Trinity. Students will understand that Jesus Christ is the ultimate Revelation to us from God. In learning about who He is, students will also learn who he calls them to be. *(Fulfills religion requirement)*

CHRISTOLOGY (Honors)

Prerequisites: None

Gr: 9th

Duration: Sem

This course will introduce students to the mystery of Jesus Christ, the living Word of God, the Second Person of the Blessed Trinity. Students will understand that Jesus Christ is the ultimate Revelation to us from God. In learning about who He is, students will also learn who he calls them to be. As an Honors course, students will read William P. Young's novel, *The Shack*, and analyze it by comparing and contrasting its popular Christology with orthodox Christology. *(Fulfills religion requirement)*

THE PASCHAL MYSTERY

Prerequisites: None

Gr: 10th

Duration: Sem

The purpose of this course is to help students understand all that God has done for us through his Son, Jesus Christ. 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. *(Fulfills religion requirement)*

THE PASCHAL MYSTERY (Honors)

Prerequisites: None

Gr: 10th

Duration: Sem

The purpose of this course is to help students understand all that God has done for us through his Son, Jesus Christ. 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. In addition, students will read material from Church documents. *(Fulfills religion requirement)*

The purpose of this course is to help students to understand the vocations of life: how Christ calls us to live. Students will learn how all vocations are similar and how they differ. The course is structured around married life, single life, priestly life, and consecrated life. Students will learn what it means to live life for the benefit of others, and the value in considering a vocation in service to the Christian community. *This course qualifies as a required course for the senior year if it is taken in the semester opposite Catholic Social Teaching. Otherwise, it may count as a Social Studies elective.*

WORLD RELIGIONS

Prerequisites: None

Gr: 12th

Duration: Sem

The purpose of this course is to help the students understand the manner in which the Catholic Church relates to non-Catholic Christians as well as to other religions of the world. Building on the foundational truth that Jesus Christ established the Catholic Church and entrusted to her the fullness of God's Revelation, the course is intended to help students to recognize the ways in which important spiritual truths can also be found in non-Catholic Christian churches and ecclesial communities as well as in non-Christian religions. It is also intended to help them to recognize the ways in which other systems of belief and practice differ from the Catholic faith. *This course may qualify as a required course for the senior year if it is taken in the semester opposite Catholic Social Teaching. Otherwise, it may count as a Social Studies elective.*

SCRIPTURES

Prerequisites: None

Gr: 12th

Duration: Sem

The purpose of this course is to give an overview of Sacred Scripture with an introduction to the basic principles for understanding and interpreting the Bible. Given the limits of a semester of study, it will not be possible to introduce all the books of the Bible. But every effort is made to project a sense of the unity of the narrative for the divine plan of salvation, the presence of God's action in this record of his Revelation, and his desire to share his merciful love with us.

CATHOLIC SOCIAL TEACHING (*Dual Credit*)

Prerequisites: 3.0 G.P.A.

Gr: 12th

Duration: Sem

(In place of Catholic Social Teaching (Semester) (Course is taught with the College of St. Mary.)

Tuition and registration with St. Mary's is required. The social teachings of the Church have often been depicted as its best kept secret. This course explores the social teachings of the Church and their application to the concrete economic, social, and political problems of the contemporary world. This course teaches the Catholic Church's doctrine on the life and dignity of all human beings. As such, it covers key Church documents and applies the seven principles of Catholic Social Teaching to issues that plague humanity and America with the intent of fostering greater knowledge, preventing injustices, protecting rights, and developing solutions to these injustices. *(Fulfills religion requirement)*

LANGUAGE ARTS

-Mrs. Toni Hoffmeier-Mangus

-Ms. Megan McCuen

-Mrs. Kristin Duncan

ENGLISH 9

Prerequisites: None

Gr: 9th

Duration: Year

This course is designed to help students build on their knowledge of the elements of 6-Trait Writing; identify and evaluate the literary types of plays, short stories, poetry and novels; illustrate an awareness of the importance of organization and meeting deadlines in writing papers, projects and homework; and evaluate work through the use of vocabulary words, grammar usage, study skills, writing and library research skills. *(Fulfills Language Arts requirement)*

ENGLISH 9 (*Honors*)

Prerequisites: Instructor Approval

Gr: 9th

Duration: Year

This course is designed to help students build on their knowledge of the elements of 6-Trait Writing. Writing is done regularly and is based on plays, short stories, poetry and novels read throughout the year. Speeches are incorporated into the curriculum in a variety of ways, as well. Students are expected to become familiar with MLA research skills and will complete a research paper. Students will also illustrate an awareness of the importance of organization and meeting deadlines in writing papers, projects and homework; and evaluate work through the use of vocabulary words, grammar usage, and study skills. *(Fulfills Language Arts requirement)*

ENGLISH 10 Prerequisites: English 9 Gr: 10th Duration: Year
Students trace the growth of the literature of the United States from the colonial times to the twentieth century. Through a survey of this literature, students gain an understanding of our nation and its growth. Students analyze various genres, techniques of literature and styles of key American writers. In addition, students develop vocabulary, writing and researching skills. Students will complete the independent study of four outside readings and write a 2-3 page research paper. *(Fulfills Language Arts requirement)*

ENGLISH 10 (*Honors*) Prerequisites: English 9 and Instructor Approval Gr: 10th Duration: Year
This course traces the growth of literature of the United States from the Colonial times to the present. Through a survey of this literature, students gain an understanding of our nation and its growth. Students analyze various genres, techniques of literature and styles of key American writers. In the course, students develop vocabulary, writing and researching skills. Students will also be required to individually analyze at least five outside readings. Writing emphasis is directed to expository, analytical and creative papers as well as a 2-3 page research paper. *(Fulfills Language Arts requirement)*

ENGLISH 11 Prerequisites: English 10 Gr: 11th Duration: Year
Students read and analyze English literature and language from the Anglo-Saxon era to today. The social, religious, and political climate of each era will be discovered through an analysis of writing styles. Further depth will be gained by using Thomas Foster's *How to Read Literature like a Professor* as a touchstone for meaning and symbolism. Second semester students will learn to develop, research, organize, and write a formal research paper. Students will also hone their test taking skills and receive ACT test instruction in preparation for the April ACT. *(Fulfills Language Arts requirement.)*

ENGLISH 11 (*Honors*) Prerequisites: English 10 and teacher approval Gr: 11th Duration: Year
Students follow the canonical British works through a thematic evolution beginning with dramatic political and social satire, comedic satire, iconic heroism, and anti-heroism. Each work will exemplify the social, religious, and political climate of the time and provide examples for various writing styles and techniques in British literature. Critical reading skills and group analysis is cultivated in preparation for Literature and Composition (AP/DC). Second semester students will learn to develop, research, organize, and write a formal research paper. Students will also hone their test taking skills and receive test specific instruction in preparation for the ACT. *(Fulfills Language Arts requirement)*

ENGLISH 12 Prerequisites: English 11 Gr: 12th Duration: Year
Students will complete a survey of World Literature, which will include examples of short stories, poetry, novels, and drama. Students will also be engaged in analytical writing in the forms of literary analysis and a comparison/contrast essay. Students will be required to complete a 15+ page autobiography, the Archdiocesan Assessment Project and a senior exit interview. *(Fulfills Language Arts requirement)*

LITERATURE & COMPOSITION (AP/DC) Prerequisite: English 11 teacher approval Gr: 12 Duration: Year
Literature & Composition is a college level course designed to prepare students to take the required Advanced Placement Exam in the spring. Students have the opportunity to earn one to three college credits based on the results of the exam, or students may opt to take the class as a three-credit dual credit course through an approved university. There is a charge for the exam and/or dual credit option, and scholarship money may be available. Students will read and analyze a variety of novels, short stories, dramas, essays, and poetry recommended by the Advanced Placement College Board. In addition to the assigned reading, students will independently analyze at least two outside readings. Writing skills are developed through research, analytical reflection, comparison, and creative papers. *(Fulfills Language Arts requirement)*

SPEECH Prerequisites: None Gr: 10-12th Duration: Sem
Speech class develops public speaking skills at any experience level. Speech class breaks the elements of a speech performance into timing, verbal and non-verbal communication, organization, and development which result in the presentation of demonstrative, informative, persuasive, and entertain speeches.

CREATIVE WRITING

Prerequisites: English 9

Gr: 10-12th

Duration: Sem

This course provides an overview of creative writing conventions, which are designed to help students expand their writing capabilities. Genres covered include six-word memoirs, short stories, journals and poetry. Special attention will be given to the prewriting, drafting and revision processes to complete a large course project. An essay over one literature anthology is also required. This course is open to juniors and seniors in good standing. It is especially recommended for students considering a four-year college after graduation.

MYTHOLOGY

Prerequisites: English 9

Gr: 10-12th

Duration: Sem

The class will explore the nature of mythology and its significant impact upon various aspects of modern culture. After an investigation of the relationship between the creation of mythology and human psychology, the course will view the classical tradition of Greek and Roman mythology. Attention will also be given to the tales of Celtic, Norse and Arthurian legends and the impact that these have had upon modern cultural expression. During the course, students will discover the influence of mythology on modern literature, art, film, music and psychology.

MATHEMATICS

-Mr. Larry Swoboda

-Mr. Mike Berens

-Ms. Sharon Hostler

PRE-ALGEBRA

Prerequisites: None

Gr: 9th

Duration: Year

This course is designed to prepare students for Algebra I. The successful completion of this course will not meet part of the three-year math entrance requirement for the University of Nebraska system.

ALGEBRA I

Prerequisites: None

Gr:9-10

Duration:Year

This course extends the skills and concepts of basic algebra to include the numbers in fraction form. The solving of open sentences is extended to include equations and inequalities in two variables, as well as quadratic equations. The course also enlarges the students' knowledge of geometric facts and introduces them to some simple trigonometry. The successful completion of this course will meet part of the three-year math entrance requirement for the University of Nebraska system. *(Fulfills Mathematics requirement)*

ALGEBRA I (Honors)

Prerequisites: Teacher Approval. Must maintain C+ average

Gr: 9th

Duration: Year

This is an accelerated course that quickly reviews basic skills and concepts of algebra and progresses into factoring polynomials, solving quadratic equations, algebraic fractions, functions, equations, and inequalities in two variables, rational and irrational numbers as well as basic concepts in geometry and trigonometry. Emphasis is placed on word problem solving skills in all of the aforementioned areas. The successful completion of this course will meet part of the three-year math entrance requirement for the University of Nebraska system. *(Fulfills Mathematics requirement)*

GEOMETRY

Prerequisites: Algebra I

Gr: 9-12th

Duration: Year

This course presents the language, symbolism and thought processes of Geometry. Basic postulates and theorems needed for the study of lines, polygons, and circles are developed and proven. A basic introduction to triangle trigonometry is also presented. The successful completion of this course will meet part of the three-year math entrance requirement for the University of Nebraska system. *(Fulfills Mathematics requirement)*

GEOMETRY (*Honors*) Prerequisites: Algebra I & teacher approval. Gr: 9-10th Duration: Year
Honors students apply the vocabulary, postulates and theorems of Geometry to proofs about triangles and parallelograms. Students will analyze polygons and calculate the measures of their sides and angles. Students create their own theorems based on information they learn and compare them to theorems previously studied. The successful completion of this course will meet part of the three-year math entrance requirement for the University of Nebraska system.

ALGEBRA II Prerequisites: Geometry Gr: 10-12th Duration: Year
This course includes a review of Algebra I skills. Some of the topics included are quadratics, functions and relations, complex numbers, exponents, and solving equations and inequalities. The successful completion of this course will meet part of the three-year math entrance requirement for the University of Nebraska system. Scientific Calculator (TI-30XIIS recommended) – If planning to take Pre-Calculus/Calculus, TI Graphing Calculator Recommended) (*Fulfills Mathematics requirement*)

ALGEBRA II (*Honors*) Prerequisites: Geometry & teacher approval Gr:10-12th Duration: Year
This is an accelerated course that covers the review of Algebra I skills, solving quadratics, complex numbers, geometry, trigonometry, matrix Algebra, sequence and series, as well as basic concepts of probability theory. Scientific Calculator (TI-30XIIS recommended) – If planning to take Pre-Calculus/Calculus, TI Graphing Calculator Recommended. The successful completion of this course will meet part of the three-year math entrance requirement for the University of Nebraska system. (*Fulfills Mathematics requirement*)

STATISTICS (*Dual Credit*) Prerequisite: Minimum math score of 45 (Compass) or 19 (ACT) Gr:11-12th Duration: Year
Statistics introduces descriptive and inferential statistics. Topics include the binomial, normal, student-t and chi-square distributions, descriptive measures, probability, hypothesis testing, estimation, linear regression. (*Fulfills Math requirement*)

PRE-CALCULUS/TRIG Prerequisites: Teacher approval and “C” average in Algebra II Gr: 11-12th Duration: Year
This course includes extensive work with functions and equations. Students work with many concepts in Trigonometry and some beginning concepts in Calculus. The successful completion of this course will enhance a student’s math background for college. (*Fulfills Mathematics requirement*)

PRE-CALCULUS/TRIG (*Honors*) Prerequisites: Min. math score 53 (Compass) or 21 (ACT) Gr: 11-12th Duration: Year
Pre-calculus is an intensive review of College Algebra and Trigonometry and prepares students for Calculus. Topics include functions, logarithms, systems of equations, matrices, polynomials, conic sections, trigonometric functions, graphs, identities, equations, complex numbers, and polar coordinates. (*Fulfills Mathematics requirement*)

CALCULUS AB (*AP*) (*Dual Credit*) Gr: 11-12th Duration: Year
Prerequisites: Teacher approval and Honors Pre-Calculus (C+ average). Must maintain C+ average in class
This course is an introductory study of limits, derivatives, and integrals. AP Calculus includes applications to business, science and mathematical concepts. This course follows the Advanced Placement curriculum. College credit is available via the AP Exam in May. (*Fulfills Mathematics requirement*)

CALCULUS BC (*AP*) (*Dual Credit*) Gr: 11-12th Duration: Year
Prerequisites: Teacher approval and Calculus AB (C+ average). Must maintain C+ average in class. This course covers topics in differential and integral calculus, including concepts and skills of limits, derivatives, definite integrals.
This course follows the Advanced Placement curriculum. College credit is available via the AP Exam in May. (*Fulfills Mathematics requirement*)

CALCULUS 3/DIFFERENTIAL EQUATIONS (DC) Gr: 11-12th Duration: Year
Prerequisites: Teacher approval and Calculus BC (C+ average). Must maintain C+ average in class. The primary objects of study in differential calculus are the derivative of a function, related notions such as the differential, and their applications.

SCIENCE

-Mrs. Hollie Vanaparti

-Mr. Don Jensen

-Mr. Zach Byrd

BIOLOGY	Prerequisites: None	Gr: 9th	Duration: Year
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Course focuses on developing a deeper understanding of basic biological principles. The course investigates seven unifying themes: structure and function, energy relationships, reproduction and inheritance, development, evolution, ecology, and science and society. This course is lab-oriented and emphasizes the process of science. *(Fulfills Science requirement)*

BIOLOGY (*Honors*)

Prerequisites: None

Gr: 9th

Duration:
Year

Course focuses on developing a deeper understanding of basic biological principles. The course investigates seven unifying themes: structure and function, energy relationships, reproduction and inheritance, development, evolution, ecology, and science and society. This course is lab-oriented and emphasizes the process of science. *(Fulfills Science requirement)*

AP BIOLOGY (*AP/Dual Credit*) Prerequisite: B in Bio, A&P, Chemistry, teacher approval Grade: 11-12th Duration: Year
Advanced Biology places emphasis on the study of basic biological principles through lecture, laboratory, and discussion. The course serves as an investigative science of living organisms by examining the common themes that unite the diversity of life that exists on the planet. Topics include cellular biology, genetics, anatomy and physiology, ecology, and evolution. Dual enrollment through U.N.O. *(Fulfills Science requirement)*

PHYSICAL SCIENCE

Prerequisites: Biology

Gr: 10-12th

Duration: Year

Physical Science introduces students to the physical principles that govern the world around them. The first semester is devoted to the study of chemistry and the second semester is devoted to the study of physics. The process of science is explored through hands-on laboratory experiments. *(Fulfills Science requirement)*

EARTH SCIENCE

Prerequisites: Biology

Gr: 10-12th

Duration: Year

Earth Science is a college preparatory course designed to introduce students to the dynamic forces shaping the earth's surface. Course of study includes physical and geological aspects of the changing earth. Students will analyze the following topics: astronomy, climatology, environment, geology, meteorology, mineralogy, paleontology, and plate tectonics. Careers in the earth sciences will also be explored. *(Fulfills Science requirement)*

CHEMISTRY

Prerequisites: Biology

Gr: 10-12th

Duration: Year

Chemistry is a college preparatory course designed to introduce students to the chemical principles that govern the world around them. The course is divided into three components: lecture/ demonstration, laboratory, and problem solving. Lecture/demonstration is a means of introducing new material. Laboratory sessions offer students the opportunity to discover chemical principles through experimentation. Problem solving allows students to develop skills in this area while interacting with other students. *(Fulfills Science requirement)*

CHEMISTRY (*AP*)

Prerequisites: B+ in Chemistry, teacher approval

Gr: 11-12th

Duration: Sem

Advanced Placement Chemistry is a college level course that focuses on the study of basic chemical principles through lectures, laboratories, and problem solving sessions. Topics include atomic theory, molecular weights and moles, thermochemistry, gases, chemical bonding, acids and bases, oxidation-reduction, and reaction rates. Students completing this course are eligible to gain college credit by taking the AP exam in May. Because AP Chemistry is a college level course, the workload

involved is greater than that of other high school science courses. *(Fulfills Science requirement)*

ZOOLOGY Prerequisites: Biology and Chemistry Gr: 11-12th Duration: Year
An in-depth look at the kingdom of animals. Will include labs and how to read and perform scientific research.
(Fulfills Science requirement)

PHYSICS (Honors) Prerequisites: Teacher Approval Gr: 11-12th Duration: Year
Physics aims to give students an understanding of the contemporary view of the physical world. Topics to be covered include mechanics, heat, light, astronomy, electricity and magnetism. Emphasis is placed on investigating these concepts through laboratory and problem solving activities. Students planning on a medical or science career are encouraged to enroll in this course. *(Fulfills Science requirement)*

INTRO TO HEALTH CAREERS Prerequisites: None Gr: 10-12th Duration: Sem
This course focuses on developing an awareness of the various health care skill standards needed for employment in health careers. Introduction to Health Careers is designed to give an overview of the therapeutic, diagnostic, support, health informatics, and biotechnology research systems of the healthcare industry.

MEDICAL TERMINOLOGY Prerequisites: Biology Gr: 10-12th Duration: Sem
This class is designed to help students identify, spell and define medical terms related to the diagnoses, pathology and treatment of the major body systems. Students will use this as a basic foundation to all health care career pathways.

HUMAN ANATOMY & PHYSIOLOGY (Honors) Prerequisites: Biology & Chemistry Gr: 11-12th Duration: Year
Human Anatomy and Physiology is a full-year course designed for the student that has a medical health career as a goal. Human Anatomy and Physiology will include a detailed study of the structure and function of the body, including digestion and metabolism, the respiratory system and cellular development, circulatory system and immunity, excretory system and body fluids, muscular and nervous systems and the reproductive system and human development. Students will be able to identify all assigned body parts as well as their physiology, and be able to apply this information to life situations involving the human body. *(Fulfills Science requirement)*

SOCIAL SCIENCE

-Mr. Tom Kassing -Mr. J.J. Stoffel -Mr. William Patterson -Mr. Tim Mueting

WORLD HISTORY Prerequisites: None Gr: 9th Duration: Year
World History is required of all freshmen and will focus on the human journey from the fall of Rome to the era of the world wars. Students will examine the evolution of social, political, and economic systems and theories, and how their development has affected the modern world. *(Fulfills Social Studies requirement)*

WORLD HISTORY (Honors) Prerequisites: None Grade: 9th Duration: Year
In addition to the same content material as the required World History class, the Honors World History class requires students to analyze information from supplemental sources. Students also complete projects and activities designed to develop analytical and critical thinking skills. *(Fulfills Social Studies requirement)*

U.S. HISTORY Prerequisites: World History Gr: 10th Duration: Year
U.S. History traces the philosophical, political, economic and social development of the United States from Colonial times to the modern era. Students will examine the major events in U.S. history and the impact of these events on the nation today.
(Fulfills Social Studies requirement)

U.S. HISTORY (Honors) Prerequisites: World History, Teacher approval Gr: 10th Duration: Year
In addition to the same content material as the required U.S. History class, Honors U.S. History requires students to analyze information from supplemental sources. Students also complete projects and activities designed to develop analytical and critical thinking skills. *(Fulfills Social Studies requirement)*

HISTORY OF OMAHA Prerequisites: U.S. History Gr: 11-12th Duration: Sem
This course is designed to cover the origins and histories of the Omaha area from 1854 to present. This course will explore the social, economic, and political changes that occurred in Omaha. It will also focus on main events that affected Omaha and other parts of the country.

U.S. GOVERNMENT Prerequisites: U.S. History Gr: 11-12th Duration: Sem
U.S. Government is designed to introduce students to the origin and nature of government, and to promote active and informed participation in the political process. The course highlights the historical roots of American government, as well as the constitutional foundation of the current political system. *(Fulfills Social Studies requirement)*

AP GOVERNMENT AND POLITICS (AP) Prerequisites: US History, teacher approval Gr: 11-12th Duration: Year
AP Government and Politics is designed to prepare students for successful completion of the A.P. examination. The course covers six topics - constitutional underpinnings, political beliefs and behaviors, political parties, interest groups, mass media, institutions (Congress, Presidency, Bureaucracy, and Courts), public policy, as well as civil rights and civil liberties.

SOCIOLOGY Prerequisites: None Gr: 11-12th Duration: Sem
Sociology is designed to introduce students to the study of human behavior and interaction in groups. Students will examine the development of the field of sociology and its application in helping to explain, control, and adapt social behavior.

PSYCHOLOGY Prerequisites: None Gr: 11-12th Duration: Sem
Psychology introduces students to the study of human behavior and mental processes. The course covers psychological experimentation and testing connections between mind and body, learning and cognitive processes, human development, personality theories, and psychological health.

MODERN AMERICAN HISTORY Prerequisites: None Gr: 11-12th Duration: Sem
This course addresses the social, economic, political, and military aspects of the United States from the end of the World War II to the present. The course will emphasize the important people, issues, and events of the latter half of the 20th century through our present day.

JUSTICE & LAW Prerequisites: None Gr: 11-12th Duration: Sem

This course is a law-related education class which uses interactive methods to give students a practical understanding of law and our legal system. Students examine legal issues relevant to their lives and develop knowledge and skills essential in our law-oriented society.

ECONOMICS & PERSONAL FINANCE Prerequisites: World and US History Gr: 11-12th Duration: Sem
Economics and Personal Finance is designed to introduce students to the U.S. economic system and their roles and responsibilities in this system. Students will examine major elements of macroeconomics and microeconomics, as well as personal earning, saving, investing, and special decisions.

INTRODUCTION TO PHILOSOPHY (*Dual Credit*) Prerequisites: teacher approval Gr: 12th Duration: Sem
This course is taught with Metro Community College. Tuition and registration with Metro is required. This course introduces students to the study of philosophy in the context of a religion course using the philosophy of the Catholic Church. Topics covered include God, freedom, self, logical argumentation, knowledge, reality, meaning, truth and ethics. The development of Western philosophy and its philosophers will be studied and analyzed.

WORLD LANGUAGE -Ms. Kelsey Genoways -Mr. Jake Laville

FRENCH I Prerequisites: None Gr: 9-11th Duration: Year
This course is designed for students who have had little or no French background. It begins with the development of speaking, reading, writing, and listening comprehension in the French or Francophone countries by use and emphasis on real life situations. In learning a new language, one's own language is improved and continues to become refined. This course also aims to heighten students' awareness of different cultures, especially the French culture.

FRENCH II Prerequisites: French I Gr: 10-12th Duration: Year
This course develops the basics learned in French I and continues the development of the language for improved understanding of French. Reading, writing, listening, and speaking skills of students are enhanced in French II. Students receive enrichment in the understanding of the different cultures, mainly the French.

FRENCH II (Honors) Prerequisites: French I and Instructor approval Gr: 10-12th Duration: Year
This course is designed for students who have mastered the learning strategies to acquire vocabulary and structure quickly. Focus will be on more complicated language structures, developing cognitive skills in reading and listening comprehension, and in producing target language both orally and written. Students will demonstrate competency through performance based assessments as well as traditional assessments. Cultural topics will vary depending on countries studied.

FRENCH III (Honors) Prerequisites: C or better in French II, teacher approval Gr: 10-12th Duration: Year
This advanced course is designed to further the development of French skills. Students enhance their reading and writing in French while emphasizing the improvement of their speaking and listening skills. Throughout this course, students develop a working knowledge of French to achieve a better proficiency in the language and enhance their awareness of the diversity of cultures in the world. Cultural activities play a larger role than in the previous courses.

FRENCH IV (Honors) Prerequisites: French III and Instructor Approval Gr: 11-12th Duration: Year
This advanced course is designed to further enhance and hone students' skills in the language. This course helps further enhance reading and writing with further emphasis on listening and speaking, so students have a workable and usable

practical application of French. Students receive enrichment in the understanding of multiple francophone cultures including African and Polynesian.

SPANISH I Prerequisites: None Gr: 9-11th Duration: Year

This course is designed for students who have had little or no Spanish background. It begins with the development of speaking, reading, writing, and listening comprehension in the Spanish language by use and emphasis on real life situations. In learning a new language, one's own language is improved and continues to become refined. This course also aims to heighten students' awareness of different cultures, most especially the Spanish/Hispanic cultures.

SPANISH II Prerequisites: Spanish I Gr: 10-12th Duration: Year

This course develops the basics learned in Spanish I and continues the development of the language for improved understanding of Spanish. Reading, writing, listening, and speaking skills of students are enhanced in Spanish II. Students receive enrichment in the understanding of the different cultures, mainly Spanish/Hispanic.

SPANISH II (Honors) Prerequisites: Spanish I and Instructor Approval Gr: 10-12th Duration: Year

This course is designed for students who have mastered the learning strategies to acquire vocabulary and structure quickly. The focus will be on more complicated language structures, on developing cognitive skills in reading and listening comprehension, and in producing target language both orally and written. Students will demonstrate competency through performance based assessments as well as traditional assessments. Cultural topics will vary depending on country/countries studied.

SPANISH III (Honors) Prerequisites: "C" in Spanish II, Instructor Approval Gr: 10-12th Duration: Year

Students enhance their reading and writing in Spanish while emphasizing the improvement of their speaking and listening skills. Students will develop a working knowledge of Spanish to achieve a better proficiency in the language and enhance their awareness of the diversity of cultures. Cultural activities play a larger role than in the previous courses.

SPANISH IV (Honors) Prerequisites: Spanish III, Instructor Approval Gr: 11-12th Duration: Year

This advanced course is designed to further enhance and hone students' skills in the language. This course helps further enhance reading and writing with further emphasis on listening and speaking, so students have a workable and usable practical application of Spanish.

SPANISH V (Honors) Prerequisites: Teacher Approval Gr: 12th Duration: Year

The purpose of this course is to provide an individualized improvement of Spanish. The course strengthens the skills of students in all areas. This course continues to advance students to a level of competency in Spanish. Student experiences may include teaching lower level skills to others, interacting with native speakers, conversing in Spanish, developing activities for others and one's self as well as creating situations for performance in Spanish.

HEALTH & PHYSICAL EDUCATION

-Mr. Ryan Finley

INTRO FOR PE AND FITNESS

Prerequisites: None Gr: 9th ONLY Duration: Sem

This course will introduce students to the foundations of physical fitness and equip them with the knowledge and skills necessary to design a fitness program. This includes: (1) assessing their personal fitness levels; (2) creating a plan for improvement;

(3)setting physical activity and fitness goals; (4) participating in a variety of physical activities (e.g. weight training, aerobics, individual and team sports, and swimming); and (5) using current technology, (e.g. activity trackers, heart rate monitors, pedometers, and computerized fitness assessment programs).

HEALTH

Prerequisites: None

Gr: 9-12th

Duration: Sem

This course is designed to introduce students to the basic knowledge of personal health. The student will be introduced to various topics that are concerns in today's society. Students will demonstrate the ability to use decision-making skills and goal-setting skills to enhance health. The students will demonstrate the ability to advocate for personal, family, and community health. Students will also analyze the influence of family, peers, culture, media, technology, and other factors on health behaviors

LIFETIME ACTIVITIES

Prerequisites: Intro to PE

Gr: 9-12th

Duration: Sem

This course includes basic skills, knowledge and strategies of lifetime activities that contribute to a healthy, active adult lifestyle. Students will participate in a variety of lone, duo, and group lifetime activities.

LIFESTYLES FITNESS (Co-ed)

Prerequisites: Intro to PE

Gr: 9-12th

Duration: Sem

This course is an introduction to the fundamentals of Weight Training. This course emphasizes the physical and psychological benefits achieved through proper training. Students are taught the importance of proper technique and the major muscle groups. Through students' active participation in the course instills in them a desire for a physically fit lifestyle.

TEAM GAMES

Prerequisites: None

Gr: 9-12th

Duration: Sem

This course includes basic skills, knowledge and strategies of lifetime activities that contribute to a healthy, active adult lifestyle. Students will participate in a variety of lone, duo, and group lifetime activities.

VISUAL ARTS

-Ms. Dawn Burton

DRAWING I

Prerequisites: None

Gr: 9-12th

Duration: Sem

(Students furnish pencils, erasers and sketchbook) This course gives studio instruction in perception and drawing skills with emphasis on pencil techniques. Various techniques and media are presented to create drawings of still life, landscape, and figure study. A printmaking unit is also covered.

PAINTING I

Prerequisites: None

Gr: 9-12th

Duration: Sem

(Students furnish paints) This course places an emphasis on color theory and composition through various techniques of using opaque and transparent painting mediums (acrylic and watercolor). Students paint the set for the musical.

POTTERY I

Prerequisites: None

Gr: 9-12th

Duration: Sem

This course includes instruction in pinch, coil and slab techniques of making hand built pottery, and the process of creating pottery forms on the potter's wheel. An emphasis is placed on decoration. Materials fee will be assessed.

3-D DESIGN

Prerequisites: None

Gr: 9-12th

Duration: Sem

This course explores various ways to create both sculpture and jewelry through the use of various mediums (clay, paper, wire, plastics, metals, etc.). Jewelry pieces may include clay, wire, casting, etc. Sculpture pieces include additive and subtractive methods, wire, found objects, paper, and edible art. Materials fee will be assessed.

PHOTOGRAPHY I

Prerequisites: None

Gr: 9-12th

Duration: Sem

(Student provides digital camera and covers cost for photographic materials) This class covers the basics of photography. Camera usage, camera parts, composition, exposure, and lighting will be covered using digital cameras. Students will study famous photographs and the stories behind them. An introduction to Photoshop will include at least 35 projects.

MUSIC

-Mr. Marshall Keough

MIXED CHORUS

Prerequisites: None

Gr: 9-12th

Duration: Sem

This course is designed to teach students the skills necessary to become intelligent, independent vocalists. Skills include reading music notation, alignment, breathing technique, phrasing, diction, attacks and cut-offs, as well as choral blend. Each semester includes at least one performance and attendance at all performances is required. Grades are based on participation and musicianship.

BAND

Prerequisites: Participation in Elementary/JH band

Gr: 9-12th

Duration: Sem

This course is designed for students to continue the development of expertise on their individual instruments. Students work on intonation, expression, and sight-reading skills as to create an effective ensemble. Each semester includes at least one performance and attendance at all performances is required. Grades are based on participation and musicianship.

PIANO

Prerequisites: None

Gr: 9-12th

Duration: Sem

Students learn the fundamentals of playing piano, including melodic and harmonic intervals, chords, and playing from a lead sheet. Student will also learn the history of the piano, how the piano works, and information about famous composer/pianists. Students will have opportunities to play in at least one concert during the semester.

WOMEN'S CHORUS

Prerequisites: None

Gr: 9-12th

Duration: Sem

This course is designed to teach female students the skills necessary to become intelligent, independent vocalists. Skills include reading music notation, alignment, breathing technique, phrasing, diction, attacks and cut-offs, as well as choral blend. Each semester includes at least one performance and attendance at all performances is required. Grades are based on participation and musicianship.

INTRO TO INSTRUMENTS

Prerequisites: None

Gr: 9-12th

Duration: Sem

In this course, students with limited to no instrumental music experience spend a semester learning popular instruments such as percussion, ukulele, guitar, and/or piano. Students will learn to read notes, rhythms, chord charts, and tablature. The goal is exposure to instruments that have the potential to become lifelong hobbies.

BUSINESS EDUCATION

-Mrs. Brittany Ballou-Barton

ACCOUNTING 1

Prerequisites: None

Gr: 11-12th

Duration: Sem

This two-semester course covers sole proprietorship accounting principles involved in the preparation and maintenance of financial records concerned with business management and operations. It is a comprehensive introduction to basic accounting including recording, summarizing and reporting, principles of income measurement and asset valuation, and accounting systems and controls. Students are exposed to careers in the accounting field and are given the opportunity to perform accounting

applications using the computer. An introduction to partnerships and corporations may be included.

INTRODUCTION TO BUSINESS

Prerequisites: None

Gr: 10-12th

Duration: Sem

This course is designed as an introductory overview of the Business, Marketing and Management Career Field. The course introduces students to finance, marketing, and management. Units of study include scope and function of business and economic systems, forms of business ownership, entrepreneurship, small business basics, legal and ethical issues in business and career opportunities in a business administration career.

MARKETING

Prerequisites: Intro to Business

Gr: 10-12th

Duration: Sem

Students will explore the basic functions of marketing: pricing, promotion, product planning, and place/distribution: the marketing mix. The curriculum provides the foundational skills and knowledge in economics, communications skills/interpersonal skills, professional career development, business, management, and entrepreneurship. Application of academic concepts and technology are integrated throughout the curriculum.

BUSINESS LAW

Prerequisites: Intro to Business

Gr: 10-12th

Duration: Sem

Students in this one semester course will learn the structure of our legal system. Ethics, rights, and responsibilities of individuals, businesses, and corporations will be covered. Specific areas of law taught will be Contract, Finance, and Employment Law, as well as Property Law, Commercial papers, Losses, and Business Organization Law. If time allows, a section on e-commerce and technology will be included. Students will also research prior cases, develop new case situations, and solve legal matters as enhancement to the course material.

INTRO TO ENTREPRENEURSHIP

Prerequisites: None

Gr: 10-12th

Duration: Sem

Students will develop an entrepreneurial mindset, a mindset capable of critical thinking and problem-solving in a fast-paced professional setting. Class participants will build a basic knowledge of various entrepreneurial ventures and create a profitable or non-profit business. Students will be exposed to different types of innovative entrepreneurial concepts, such as design thinking, rapid prototyping, and team-building. Students will also be challenged to identify and develop their personal professional strengths along with their innovative spirits.

SPORTS AND ENTERTAINMENT MARKETING

Prerequisites: None

Gr: 10-12th

Duration: Sem

The objective of Sports and Entertainment Marketing is to introduce students to the fundamentals of Marketing through the sports and entertainment industries. The course will allow students to hear knowledgeable speakers, produce individual and group projects, discuss current Marketing strategies and view relevant videos. Sports and Entertainment Marketing focuses on marketing and management functions/tasks that can be applied in amateur or professional sports or sporting events, entertainment or entertainment events, selling or renting of supplies and equipment used for recreational or sporting purposes, products, and services related to hobbies or cultural events, or businesses primarily engaged in satisfying the desire to make products or enjoyable use of leisure time.

CULINARY ARTS

-Mr. Jared Jones

INTRO TO FOODS AND NUTRITION

Prerequisites:\$15 Lab Fee

Gr: 9-12th

Duration: Sem

This course includes the fundamentals of food preparation and cookery. The course consists of two components: lecture and labs. In labs, the students will implement the cooking principles discussed in lecture. The course will cover cooking techniques, material handling, heat transfer, sanitation, safety, and basic nutrition. Students will describe the process of digestion and

explain the six essential nutrients role in a healthy diet. Students will also create a menu plan, modify recipes, and prepare foods that meet dietary guidelines and restrictions.

INTRO TO BAKING

Prerequisites: \$15 Lab Fee

Gr: 9-12th

Duration: Sem

Introduction to Baking Fundamentals explores how baking, ingredients, heat, and equipment impact the quality of baked goods, pastries, and fillings. The course consists of two components: lecture and labs. In labs, the students will implement what is discussed in lecture. In labs, students will bake a variety of foods and examine how the ingredients and methods affect the final product. This course explores the topics of baking terminology, tool and equipment use, formula conversions, functions of ingredients, and the evaluation of baked products.

CULINARY ARTS

Prerequisites: \$20 Lab Fee

Gr: 10-12

Duration: Sem

Culinary Arts is an advanced course for students who have taken "Introduction to Baking Fundamentals" and "Introduction to Nutrition and Food Preparation." The course integrates cooking and baking concepts to create, modify, and deconstruct advanced culinary dishes. Students will also study specialty foods and garnishes, with an emphasis on design, techniques, and display of fine foods. As part of this course, students will use created recipes and food presentation skills for the ICA Metropolitan Community College Culinary Competition team. A \$20 lab fee is required for this course.

HUMAN SERVICES

-Mr. Jared Jones

EARLY CHILDHOOD GROWTH & DEVELOPMENT

Prerequisites: None

Gr: 11-12th

Duration: Sem

Early Childhood Growth & Development uses a comprehensive approach to study children from conception to age seven. Major theories and research findings in the physical, cognitive, language, and socioemotional developmental domains will be discussed in this course. The class also explores the context in which children develop, including major contextual factors, such as, attachment, family systems, parenting styles, resiliency, and culture.

MIDDLE CHILDHOOD GROWTH AND DEVELOPMENT

Prerequisites: None

Gr: 11-12th

Duration: Sem

This course uses an ecological model of development to discuss how personal, family, and social factors affect an individual throughout his/her lifespan. The course describes the physical, cognitive, and socioemotional changes common to each age range and the dynamics which accompany the changes, including adjustments, changing roles, and social relationships.

TEXTILE ANALYSIS AND CONSTRUCTION

Prerequisites: Lab Fee \$15

Gr: 10-12th

Duration: Sem

Textile Analysis and Construction aims to provide students with a basic understanding of how garments are designed, constructed, and sold. The course consists of both lecture and lab work. In lecture, students will explore the color theory, elements and principles of design, and the history of fashion. Students will also properly identify different fabrics and describe proper garment care. In lab, students will construct basic garments and accessories, using the proper stitch applications and assembly techniques. A \$15 lab fee is required for this course.

HOUSING AND INTERIORS

Prerequisites: None

Gr: 10-12th

Duration: Sem

Housing and Interiors blends the two areas of housing; consisting of residential planning, universal design, and architecture, with the interiors component, consisting of traditional, transitional, and contemporary room designs and decor. Students will also identify principles of proper furniture arrangement and describe how to select color schemes, fabrics, finishes, and accessories. In addition, the course covers an introductory overview of the history of design in furniture, interiors, and architecture and how these concepts relate to today.

STEAM (Science Technology Engineering Arts Math)

-Mr. James Laville

STEAM 1A - DISCOVERY AND 21st CENTURY SKILLS

Prerequisites: None

Gr: 9-12th

Duration: Sem

In this introductory course, students interested in Science, Technology, Engineering, Art, and Math will explore and apply a wide range of technologies and softwares through project-based learning experiences. Students develop and practice real-world skills such as problem-solving, collaboration, project-planning and communication. Systems of technology explored include (1) Mechanics and Structures, (2) Computer Graphics, (3) Scientific Data and Analysis, (4) Digital Communications, (5) Alternative and Renewable Energy, (6) Robotics and Control Technology, (7) Circuitry, and (8) Software Engineering. Students will be expected to maintain a ePortfolios for both daily work and final presentation.

STEAM 1B - DISCOVERY AND 21st CENTURY SKILLS

Prerequisites: STEAM 1A

Gr: 9th-12th

Duration: Sem

In this continuation course, students who have successfully completed STEAM 1A will continue to explore and apply a wide range of 21st Century Skills through project-based learning experiences. Students develop and practice real-world skills such as problem-solving, collaboration, project-planning and communication. Systems of technology explored include (1) Mechanics and Structures, (2) Computer Graphics, (3) Scientific Data and Analysis, (4) Digital Communications, (5) Alternative and Renewable Energy, (6) Robotics and Control Technology, (7) Circuitry, and (8) Software Engineering. Students will be expected to maintain a ePortfolios for both daily work and final presentation.

STEAM PROJECT DEVELOPMENT

Prerequisites: STEAM 1A and 1B

Gr: 10-12th

Duration: Sem

In this advanced course, students interested in Science, Technology, Engineering, Art, and Math will combine a wide range of technologies; projects will be more substantial and in depth. Students will be expected to maintain a ePortfolios for both daily work and final presentation, and a project plan for each project.

BROADCASTING

Prerequisites: None

Gr: 10-12th

Duration: Year

Broadcasting introduces students to broadcasting and video production through a theory based, hands-on approach. Topics include the fundamental technical aspects of the digital video camera, camera shots, image composition, media literacy, aesthetic elements, techniques, non-linear editing, Sony Vegas, public service announcements, television advertising, short films, Tri-caster, live broadcasting, as well as broadcast roles and responsibilities. Students also have the opportunity to work in the Broadcasting Studio to produce a variety of programming.

NON-DEPARTMENTAL

-Mrs. Brittany Ballou-Barton

YEARBOOK

Prerequisites: English 9 and teacher Approval

Gr: 10-12th

Duration: Year

Students will apply the basic elements of yearbook design to produce the school yearbook. Students will be required to help plan the total yearbook design and individual page designs by using appropriate layout techniques. Various writing techniques will be used in completing body copy, headlines and captions. In addition, students will assist with photography and business sections of the yearbook.
