



ST. JOHN NEUMANN
CATHOLIC HIGH SCHOOL

Curriculum Guide

www.SJNCeltics.org

28 credits

Graduation REQUIREMENTS

St. John Neumann Catholic High School graduates are required to have accumulated 28 credits as follows:

- 4 credits in Religious Studies (unless student transfers)
- 4 credits in English
- 4 credits in Mathematics
- 3 credits in Science (Biology, Chemistry & Physics)
- 2 credits in Foreign Language (must be consecutive)
- 1 credit in World History
- 1 credit in U.S. History
- .5 credit in American Government
- .5 credit in Economics
- .5 credit in Physical Education
- .5 credit in Life Management (Health)
- 1 credit in Practical/Performing Arts
- 6 credits in Electives (can come from any course category)

In addition, each student must complete Stewardship Hours in order to graduate.
100 hours of service are required.

100 hours of service

GRADUATION REQUIREMENT

Theology

GRADUATION REQUIREMENT:
4 YEARS

4 YEARS

Theology 1

FRESHMAN YEAR 1 CREDIT

Semester 1 - Who is Jesus Christ: 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.

Semester 2 - Sacraments as Privileged Encounters with Christ: 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.



Theology 2

SOPHOMORE YEAR 1 CREDIT

Revelation of Jesus Christ in Sacred Scripture: The purpose of this course is to give students a general knowledge and appreciation of the Sacred Scriptures. 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. Because of the extent of the scriptural material, it will not be possible to introduce all the books of the Bible here. 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. Through their study of the Bible students will come to encounter the living Word of God, Jesus Christ.

Theology 3

JUNIOR YEAR 1 CREDIT

Semester 1 - The Church: Jesus Christ's Mission Continues in

the Church: The purpose of this course is to help the 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.

Semester 2 - Life in Jesus Christ: 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.



Theology 4

SENIOR YEAR 1 CREDIT

Semester 1 - Living as a Disciple of Jesus Christ in Society: The purpose of this course is to introduce students to the Church's social teaching. In this course, students are to learn how Christ's concern for others, especially the poor and needy, is present today in the Church's social teaching and mission.

Semester 2 - Responding to the Call of Jesus Christ: The purpose of this course is to help students understand the vocations of life: how Christ calls us to live. The course should be structured around married life, single life, priestly life, and consecrated life. Students should 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, specifically through the lens of Pope John Paul II's Theology of the Body.



Peer Ministry Honors (Year) 1 Credit

Peer Ministry is an elective Theology course by invitation. This course trains students to embrace servant leadership and its application outside of the classroom. The course instructs students in effective leadership skills, group dynamics, public speaking, and emphasizes Roman Catholic Social Teaching as a foundation. These skills are used in leading small groups, retreats, workshops, and directed service to their peers. All lessons directly contribute to the mission of St. John Neumann Catholic High School.

GRADUATION REQUIREMENT

English

GRADUATION REQUIREMENT:
4 YEARS

4 YEARS

English I: Survey of Literature College Prep (Year) 1 Credit

This course is designed to give incoming freshman a broad survey of some of the most popular European authors, poets and playwrights, from the world of mythology to modern day. This course offers a special emphasis on William Shakespeare and The Elizabethan period. In addition, instruction concentrates on the fundamentals of vocabulary, grammar, and writing styles.

English I: Survey of Literature Honors (Year) 1 Credit

This honors course follows the same curriculum of the Survey of Literature class, with a concentrated focus on higher-level thinking and writing skills. In the honors program, students are not only expected to recognize the poetic and literary techniques an author employs, but also discuss the effects of those techniques on the work as a whole. Written expression is emphasized, and students are educated in the creation of analytical essays with sophisticated meaning, language and development.



English II: World Literature College Prep (Year) 1 Credit

This course is designed specifically for sophomores, concentrating on world literature; it includes a survey of each European literary genre found in the course text. It provides an in-depth analysis of each author and his or her work. In addition, this course provides a comprehensive analysis of William Shakespeare and offers a fine-tuning of individual writing styles, grammar skills, and appropriate vocabulary necessary for success on the collegiate level. An introduction to the research process is covered.

English II: World Literature Honors (Year) 1 Credit

This honors course follows the same curriculum of the World Literature class, with a concentrated focus on higher-level thinking and writing skills. In the honors program, students are not only expected to recognize the poetic and literary techniques an author employs, but also discuss the effects of those techniques on the work as a whole. Written expression is emphasized, and students are educated in the creation of analytical essays with a concentration on sophisticated meaning, language and development. An introduction to the research process is covered.

English III: American Literature College Prep (Year) 1 Credit

This course is developed for juniors and focuses on the American tradition. The course is an introduction to the major American authors, poets, and playwrights presented in the textbook. A strong emphasis is placed on the historical backgrounds of each literary period from Colonialism to Modernism; this course is taken along with American History, thus reinforcing the history behind the literature. In addition to the literature, a strong emphasis is placed upon grammar, writing style and vocabulary, as well as preparation for the S.A.T. The research process is reviewed, including MLA citation; a research paper is required.



English III: American Literature Honors (Year) 1 Credit

This honors course follows the same curriculum of the American Literature class, with a concentrated focus on higher-level thinking and writing skills. In the honors program, students are not only expected to recognize the poetic and literary techniques an author employs, but also discuss the effects of those techniques on the work as a whole. Written expression is emphasized, and students are educated in the creation of analytical essays with a concentration on sophisticated meaning, language and development. The research process is reviewed, including MLA citation; a research paper is required.

AP English Language & Composition (Year) 1 Credit

The AP English Language and Composition course is designed to help students become skilled readers of prose written in a variety of rhetorical contexts and to become skilled writers who compose for a variety of purposes. The purpose of the AP English Language and Composition course is to enable students to read complex texts with understanding and to write prose of sufficient richness and complexity to communicate effectively with mature readers. An in-depth study of APA citation is presented, and students will be assigned a comprehensive research paper. Students enrolled in this class are required to take the standardized AP exam at the end of the year and may receive college credit dependent upon test results.

English IV: British Literature College Prep (Year) 1 Credit

This curriculum is designed for seniors and focuses on the major British authors and poets presented in the textbook. The course begins with an introduction to the Anglo-Saxon period, and continues through the medieval period into the Renaissance, ending with a close examination of British modern day writers. In addition to a survey of British literature, this course prepares the student for the critical analysis and writing expected on the college level. The deepest appreciation for Shakespeare and the Elizabethan playwrights occurs here. The research process is reviewed, including APA citation; a research paper is required.

English IV: British Literature Honors (Year) 1 Credit

This honors course follows the same curriculum of the British Literature class, with a concentrated focus on higher-level thinking and writing skills. In the honors program, students are not only expected to recognize the poetic and literary techniques an author employs, but also discuss the effects of those techniques on the work as a whole. Written expression is emphasized, and students are educated in the creation of analytical essays with a concentration on sophisticated meaning, language and development. The research process is reviewed, including APA citation; a research paper is required.

AP English Literature & Composition (Year) 1 Credit

This course is an intense preparation for the AP Test. Students are instructed primarily in the areas of critical thinking, reading, and writing. The course is an exhaustive study of the different literary genres, with critical writing and reading as an integral component. Students should be aware of the sophistication of the course and be prepared for the intense writing requirement. An in-depth study of APA citation is presented, and students will be assigned a comprehensive research paper. Students enrolled in this class will take the standardized AP exam at the end of the year and may receive college credit dependent upon test results.



Contemporary Literature (Semester) .5 Credit

This course explores the major themes in contemporary novels. Students will read, discuss, and analyze literary selections. They will examine the authors' techniques and gain awareness of how literature reflects society. In particular, students will read works of C.S. Lewis and J.R.R. Tolkien and explore how faith influenced their works.

Creative Writing (Semester) .5 Credit

The purpose of this course is to enable students to develop and use writing and language skills for creative expression in a variety of literary forms. Studying and modeling a variety of genres will be emphasized at this level of creative writing. **Open to juniors and seniors.**

Journalism (Semester) .5 Credit

The purpose of this course is to enable students to develop fundamental skills in the production of journalism across print, multimedia, web, and broadcast/radio platforms and to develop knowledge of journalism history, ethics use, and management techniques related to the production of journalistic media.

Social Media (Year) 1 Credit

Students will learn the fundamentals and best practices for using social media, including monitoring and listening, audience engagement, content curation, campaign planning and execution, tools and resources, and measuring results. Students will use and analyze current and emerging platforms, including Facebook, Twitter, LinkedIn, YouTube, and Instagram. Students will practice creating their own personal brands using proven strategies and tactics, build and manage websites, campaigns, and develop social media content. We'll also take a look at the history of mass media and gain valuable insights into how social media has changed society.

World Literature (Semester) .5 Credit

The course will focus on the literary elements of detective novels, examine the development of the detective as a literary figure, the structure of criminal enigma, logical investigation, and figuring out "whodunnit".



GRADUATION REQUIREMENT

Mathematics

GRADUATION REQUIREMENT:
4 YEARS

4 YEARS

Algebra 1 College Prep (Year) 1 Credit

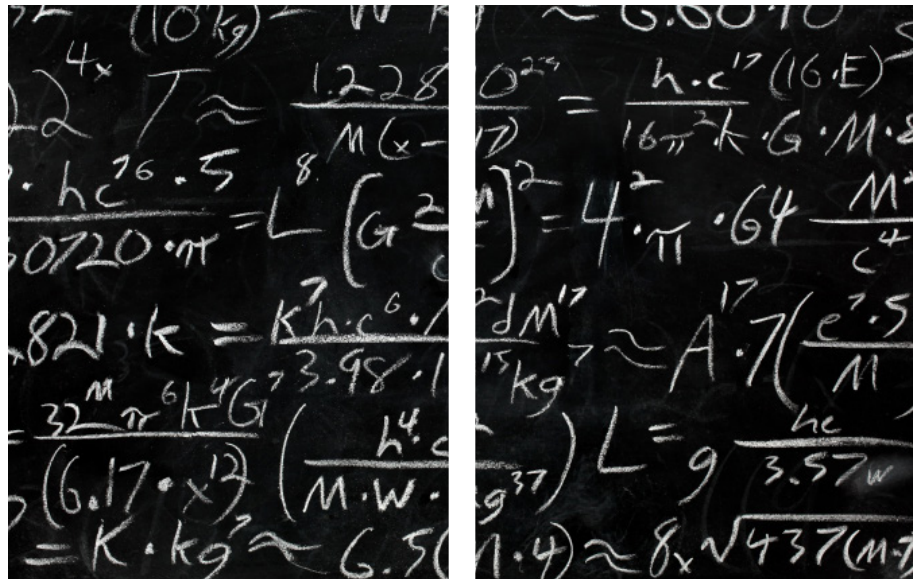
This first course in algebra includes a review of basic arithmetic skills, solving equations, factoring, fractions, linear and quadratic equations, functions, inequalities, word problems, and rational and irrational numbers. Emphasis is placed on problem solving and application principles.

Algebra 1 Honors (Year) 1 Credit

This accelerated course in algebra covers the standard content of a first-year course in algebra including equations, factoring, functions, inequalities, graphing, rational expressions, and radicals. This standard content is explored with greater intensity and emphasis on analytical thinking. Additional topics may include algebraic proof and further investigations of the real number system.

Geometry College Prep (Year) 1 Credit

This standard first course in geometry covers the required concepts of Euclidean geometry including definitions, postulates, and theorems. Areas of study include angles, parallel lines, congruent and similar triangles, rectilinear figures, polygons, circles and arcs, and the Pythagorean Theorem. Special topics covered include coordinate



and spatial geometry, introductory trigonometry, and tessellations and loci. In addition to including problems that serve to review algebra, the process of "proving" theorems is introduced.

Geometry Honors (Year) 1 Credit

Honors Geometry is designed to develop spatial concepts and insight into the relationships between plane figures such as points, lines, polygons, and circles. Algebraic principles, including the use of coordinates, are applied to geometric problems. Measurement of two-and-three-dimensional figures will be explored. To appreciate the power of logic as a tool for understanding the world around us, the concept of proof is a substantial focus of the course. Technology will be used throughout the course as an instructional tool. Because development of precise mathematical language is stressed, reading and problem solving are emphasized throughout the course.

Algebra II College Prep (Year) 1 Credit

This course extends the content of Algebra I and provides further development of the concept of a function. Topics include relations, functions, equations and inequalities, conic sections, polynomials, algebraic fractions, logarithmic and exponential functions, sequences and series, data analysis, and matrices.

Algebra II Honors (Year) 1 Credit

This course builds upon algebraic concepts covered in Algebra I and prepares students for advanced-level courses. Students extend their knowledge and understanding by solving open-ended problems and thinking critically. Topics include functions and their graphs, quadratic functions, inverse functions, advanced polynomial functions, and conic sections. Students are introduced to rational, radical, exponential, and logarithmic functions, sequences and series, data analysis and matrices. This course includes all topics in Algebra II, but has additional challenging assignments and includes more optional challenge activities. This course requires the use of a graphing calculator equivalent to a TI-84 and includes tutorials and activities for using a handheld graphing calculator.

College Algebra (Year) 1 Credit

College Algebra continues to build on algebra and geometry concepts previously introduced. The class will investigate several functions, their graphs, and properties. Technology will be incorporated with the use of the TI-84 graphing calculator used throughout the course. Students will learn to recognize and express mathematical ideas graphically, numerically, symbolically, and in writing.

Trigonometry Honors (Year) 1 Credit

This course reviews and deepens understanding of Algebra 1 concepts and covers the more advanced topics of Algebra 2 and Trigonometry. Topics included are relations and functions, quadratic equations, exponents and radicals, complex numbers, trigonometry, exponential and logarithmic functions. An emphasis is placed on mathematical modeling and applying skills to solve word problems.

AP Pre-Calculus (Year) 1 Credit

This course prepares students for other college-level mathematics and science courses. Through regular practice, students build deep mastery of modeling and functions, and they examine scenarios through multiple representations. The course framework delineates content and skills common to college precalculus courses that are foundational for careers in mathematics, physics, biology, health science, social science, and data science.

Statistics Honors (Year) 1 Credit

This honors course is designed for the advanced math student. This course is important for majors such as engineering, psychology, sociology, health science, mathematics, and business. The course will provide an overview and introduction to statistics, and introduce students to the major concepts and the tools for collecting, analyzing, and drawing conclusions from data.

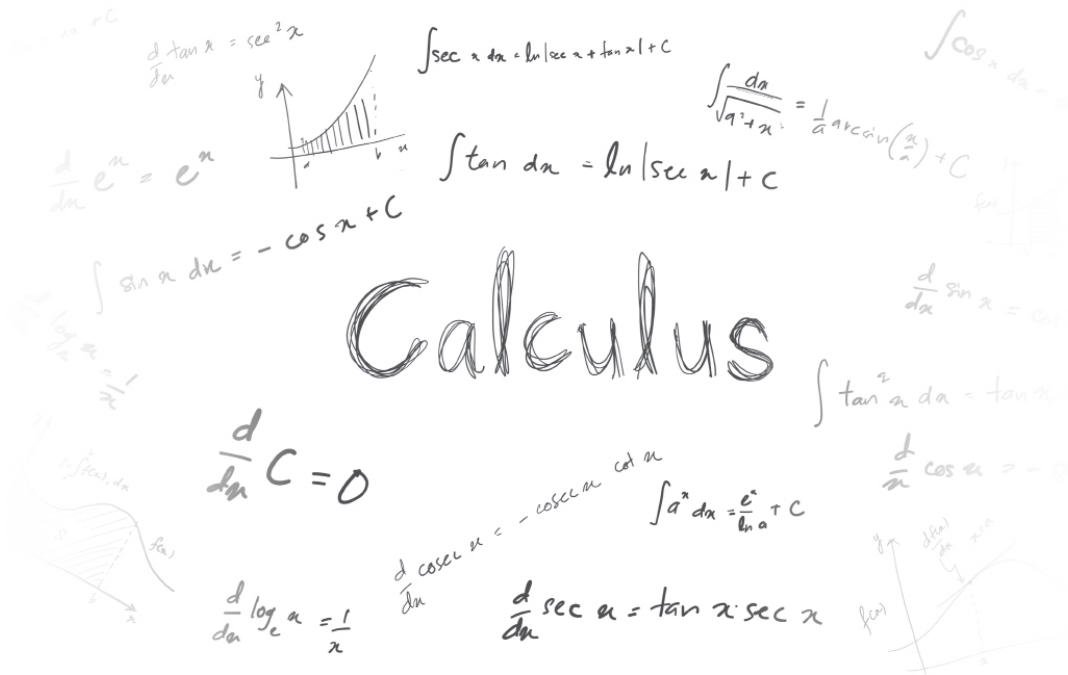
AP Statistics (Year) 1 Credit

AP Statistics is an introductory college-level statistics course that introduces students to the major concepts and tools for collecting,

analyzing, and drawing conclusions from data. Students cultivate their understanding of statistics using technology, investigations, problem solving; and writing as they explore concepts like variation and distribution; patterns and uncertainty; and data-based predictions, decisions, and conclusions. Students enrolled in this class are required to take the standardized AP exam at the end of the year and may receive college credit dependent upon test results.

Math for Data Literacy (Year) 1 Credit

This class will focus on five areas: (1) extending knowledge of ratios, proportions and functions to data and financial contexts; (2) developing understanding of basic economic and accounting principles; (3) determining advantages and disadvantages of credit accounts and short- and long-term loans; (4) developing understanding of planning for the future through investments, insurance and retirement plans; (5) extending knowledge of data analysis to create and evaluate reports and to make predictions.



AP Calculus AB (Year) 1 Credit

AP Calculus AB is roughly equivalent to a first semester college calculus course devoted to topics in differential and integral calculus. The AP course covers topics in these areas, including concepts and skills of limits, derivatives, definite integrals and the Fundamental Theorem of Calculus. The course teaches students to approach calculus concepts and problems when they are represented graphically, numerically, analytically, and verbally, and to make connections amongst these representations. Students learn how to use technology to help solve problems, experiment, interpret results and support conclusions. Students enrolled in this class are required to take the standardized AP exam at the end of the year and may receive college credit dependent upon test results.

AP Calculus BC (Year) 1 Credit

AP Calculus BC is an introductory college-level calculus course. Students cultivate their understanding of differential and integral calculus through engaging with real-world problems represented graphically, numerically, analytically, and verbally and using definitions and theorems to build arguments and justify conclusions as they explore concepts like change, limits, and the analysis of functions. Students enrolled in this class are required to take the standardized AP exam at the end of the year and may receive college credit dependent upon test results.



GRADUATION REQUIREMENT

Science

GRADUATION REQUIREMENT:
3 CREDITS

3 CREDITS

Biology College Prep (Year) 1 Credit

This course provides students with general exploratory experiences and activities in the fundamental concepts of life. The content includes scientific method, scientific measurement, lab safety, use of apparatus, cell biology, genetics, classification and taxonomy, microbiology, structure and function of plants and animals, viral and bacterial study and systems of the human body.

Biology Honors (Year) 1 Credit

This course provides students with advanced exploratory experiences and activities on the fundamental concepts of life. The concepts include scientific method, scientific measurement, lab safety, use of apparatus, biochemistry, cell biology, genetics, classification and taxonomy, microbiology, structure and function of plants and animals, human anatomy and physiology, and ecological relationships.

Chemistry College Prep (Year) 1 Credit

This course helps students realize the role chemistry plays in their lives, provides the chemistry knowledge to think and make uniform decisions about issues involving science and technology, and develops an awareness of both the potential and limitations of science and technology. The content includes technical and chemical properties of matter, solutions, formula and equation writing, atomic structure, bonding periodicity, mole concept, gases, clinical analysis, acids, bases, organic chemistry, and nuclear chemistry.

Chemistry Honors (Year) 1 Credit

This course provides students with the study of composition, properties and changes associated with matter. The content includes classification and structure of matter, atomic theory, periodic table, bonding, nucleus and equations, mole concept, gas laws, energy and order, reaction rates and equilibrium solutions, acids, bases, salts, nuclear chemistry, and organic chemistry.

Conceptual Physics College Prep (Year) 1 Credit

This course offers the subject matter of a traditional physics course with a qualitative approach to problem-solving. The format includes



lecture, discussion, problem solving and experimentation. There are projects which demonstrate students' mastery of course materials. General areas of study will include mechanics, motion, astronomy, heat, light, sound, magnetism, and electricity.

Physics Honors (Year) 1 Credit

This course is designed for students with a strong foundation in mathematics and the physical sciences. The format will include lecture, discussion, problem-solving, and laboratory work. Quantitative skills learned in second year algebra/trigonometry and chemistry will be employed in the problem solving concepts covered. General areas of study will include concepts of mechanics, motion, astronomy, heat, light, sound, magnetism, and electricity.

Anatomy & Physiology Honors (Year) 1 Credit

This course is designed to introduce the student to the human body composition, structure, and function. The content will include basics in osteology, medical terminology, and human growth and development. A strong emphasis will be taught on the structure and the function of human body systems. Laboratory investigations will include current applications and anatomical/physiological principles and their relationship to their environment with a moderate amount of animal dissection.

Animal Science (Year) 1 Credit

Offered at Honors & College Prep levels. This course focuses on the branch of biology that deals with animals and animal life including the study of the structure, development and classification of animals along with ecology (the study of interactions between organisms and their environment). Laboratory activities will center around critical thinking activities and dissection.

Forensics College Prep (Year) 1 Credit

This course includes the investigation of fingerprinting, fiber analysis, ballistics, arson, trace evidence analysis, poisons, drugs, blood spatters, and blood samples. Students are taught the proper collection, preservation, and laboratory analysis of various samples.

Marine Science College Prep (Year) 1 Credit

This introduction of the biology of marine life is offered to **juniors and seniors** who have an interest in exploring the biological principles and processes that are basic to all forms of life in the sea. Information dealing with several aspects of taxonomy, evolution and adaptation, ecology, behavior and physiology of selected groups of marine organisms is presented. Laboratory work includes an offering of anatomical, physiological, and ecological studies. The study of Florida marine ecology, including local organisms and habitats, will be the focus of a variety of investigations.

Marine Science Honors (Year) 1 Credit

This is a laboratory science course offered to **juniors and seniors** that emphasizes the basic principles of biology and the physical sciences. Students will learn how to apply the scientific method to the marine environment, the chemical and physical features of the ocean world, how living organisms adapt to life in the ocean, the structure and function of different parts of the marine environment and how the oceans affect and are affected by human activities. This course involves extensive hands-on activities and includes dissection of marine invertebrates and vertebrates. In addition, there will be an emphasis on scientific writing, lab reports and analysis.



AP Biology (Year) 1 Credit

This course is the equivalent of an introductory college biology course taken by biology majors during their first year. This course differs significantly from the basic high school course with respect to the kind of textbook used, the range and depth of topics covered, the kind of laboratory work done by students, and the time and effort required by students. The two main goals of the course are to help students develop a conceptual framework for modern biology and to help students gain an appreciation of science as a process. Three general areas will be covered: molecules and cells, heredity and evolution, and organisms and populations. Students enrolled in this class are required to take the standardized AP exam at the end of the year and may receive college credit dependent upon test results.

AP Chemistry (Year) 1 Credit

AP Chemistry is an introductory college-level chemistry course. Students cultivate their understanding of chemistry through inquiry-based lab investigations as they explore the four Big Ideas: scale, proportion, and quantity; structure and properties of substances; transformations; and energy. Students enrolled in this class are required to take the standardized AP exam at the end of the year and may receive college credit dependent upon test results.

AP Environmental Science (Year) 1 Credit

The AP Environmental Science course is designed to be the equivalent of a one-semester, introductory-college course in environmental science, through which students engage with the scientific principles, concepts and methodologies required to understand the interrelationships of the natural world. The course requires that students identify and analyze natural and human-made environmental problems, evaluate the relative risks associated with these problems and examine alternative solutions for resolving or preventing them. AP Environmental Science is interdisciplinary, embracing topics from geology, biology, environmental studies, environmental science, chemistry and geography. Students enrolled in this class are required to take the standardized AP exam at the end of the year and may receive college credit dependent upon test results.

AP Physics I – Algebra-Based (Year) 1 Credit

This course is equivalent to a first-semester college course in algebra-based physics. The course covers Newtonian mechanics (including rotational dynamics and angular momentum), work, energy, power, and mechanical waves and sound. It will also introduce electric circuits. Students enrolled in this class are required to take the standardized AP exam at the end of the year and may receive college credit dependent upon test results.



Social Science

GRADUATION REQUIREMENT:
3 CREDITS

3 CREDITS

World History College Prep (Year) 1 Credit

This course examines the development of civilizations by exploring the past to prepare for the future as participating members of a global community. Students will use knowledge of history, geography, economics, academic, civic, social and employment settings.

World History Honors (Year) 1 Credit

This course is a chronological study of world history from the earliest civilization to the present. Students will use knowledge of history, geography, economics, academic, civic, social and employment settings to analyze and discuss. Great emphasis is placed upon critical thinking as well as verbal and written reports.

AP World History (Year) 1 Credit

This is an introductory college-level modern world history course. Students cultivate their understanding of world history from c. 1200 CE to present through analyzing historical sources and learning to make connections and craft historical arguments as they explore concepts like humans and the environment, cultural developments and interactions, governance, economic systems, social interactions and organization, and technology and innovation.



U.S. History College Prep (Year) 1 Credit

Emphasis in this course will be placed on a topical approach in order to provide the student with an opportunity to develop specific functional skills and an understanding of key issues and questions. The course begins with a brief overview of the pre-colonial and colonial period in U.S. history. The Constitution will be examined and continue to the rise of big business in the late 1800's, the rise of U.S. imperialism, and the major events of the twentieth century.

U.S. History Honors (Year) 1 Credit

The first half of this course will focus on the exploration, settlement and development of the United States. Emphasis will be placed on a topical approach in order to provide the student with an opportunity to develop specific functional skills and an understanding of key issues and questions. Emphasis will also be placed on familiarizing students with the forces that prompted fundamental changes in America's political, social and economic history. The central objective of the course will be to develop the students' understanding of the factors that conditioned the world in which students live. A strong emphasis is placed on critical thinking and writing. Students are expected to exhibit these skills in written and verbal format throughout the year.

AP U.S. History (Year) 1 Credit

Advanced Placement United States History is designed to provide students with the analytical skills and factual knowledge necessary to deal critically with the problems and materials in United States History. Students will analyze historical material, synthesize their own ideas and evaluate those of others. The AP United States History course will develop the skills necessary to arrive at conclusions on the basis of an informed judgment and to present reasons and evidence clearly and persuasively in essay format. Students enrolled in this class are required to take the standardized AP exam at the end of the year and may receive college credit dependent upon test results.



Economics College Prep (Semester) .5 Credit

Economics is the study of the allocation of resources and their alternative uses for satisfying human needs and demands. This course will examine decision making at both the micro and macroeconomic levels in multiple areas, including but not limited to: decisions made as a consumer, saver, producer, investor, voter; business decisions dealing with various markets, output, prices, and labor in the national and global economies. Students will also explore national monetary policy.

Economics Honors (Semester) .5 Credit

This course will provide students with the fundamentals of basic economics of the American system. The purpose of this course is to provide students with the knowledge and decision-making tools necessary for understanding how individuals and nations organize their limited resources to satisfy unlimited needs and wants. Students will gain an in-depth understanding of the choices they must make as producers, consumers, investors, voters, taxpayers, and global citizens.

AP Macroeconomics (Semester) .5 Credit

This is an introductory college-level macroeconomics course. Students cultivate their understanding of the principles that apply to an economic system as a whole by using principles and models to describe economic situations and predict and explain outcomes with graphs, charts, and data as they explore concepts like economic measurements, markets, macroeconomic models, and macroeconomic policies.

U.S. Government College Prep (Semester) .5 Credit

The primary content for this course pertains to the study of government institutions and political processes and their historical impact on American society. This course is designed to enable students a better understanding of American government and political behavior and to develop their critical thinking skills to prepare them to be effective participants in our democracy.

U.S. Government Honors (Semester) .5 Credit

This honors course follows the same curriculum of the U.S. Government College Prep course. Honors students are required to complete additional reading, writing, and analysis of events that have impacted our Constitution from 1789 to the present day.

AP U.S. Government & Politics (Semester) .5 Credit

This is an introductory college-level course in U.S. government and politics. Students cultivate their understanding of U.S. government and politics through analysis of data and text-based sources as they explore topics like constitutionalism, liberty and order, civic participation in a representative democracy, competing policy-making interests, and methods of political analysis.

Geography (Year) 1 Credit

The primary content emphasis for this course pertains to the study of world cultural regions in terms of location, physical characteristics, demographics, historical changes, land use, and economic activity. Content should include, but is not limited to, the use of geographic tools and skills to gather and interpret data and to draw conclusions about physical and human patterns, the relationships between physical geography and the economic, political, social, cultural and historical aspects of human activity, patterns of population growth and settlement in different cultures and environments, the interaction between culture and technology in the use, alteration and conservation of the physical environment, and the interrelationships and interdependence of world cultures.

Hollywood or History (Semester) .5 Credit

This class will explore the elements of film and cinematic techniques used by those who create movies. Students study the techniques in film that serve the story and articulate a historical theme. Students also prepare a comparative of film to historical events.

Humanities (Year) 1 Credit

The purpose of this course is to enable students to survey major creative expressions of the cultural heritage of selected civilizations through study of the arts and their connections to areas such as literature, history, philosophy, and religion. Emphasis will be on the impact of cultural heritage on contemporary society and culture. The content should include, but not be limited to, the following:

- Reflection of culture through the visual and performing arts, religion, food, athletics and architecture
- Influence of historical events on the development of various civilizations
- Effect of history and culture on today's societies

Law Studies (Year) 1 Credit

This course is intended as an upper level, hands on approach to understanding legal concepts. Serious and reasonable discussions will serve as the basic format of this course. It is expected that all students will engage in positive and respectful discussions with all members of the class, and will participate in Mock Trial in January. The goal of the course is to provide practical information and problem solving opportunities that will develop in students the knowledge and skills necessary for understanding how to function in a law-oriented society. It will make use of a variety of instructional methods such as independent study, role playing, small group exercises, visual analysis activities and mock trials. The course will provide information and competency- building activities designed to provide students with the ability to analyze, evaluate, and learn to resolve disputes.

Personal Finance, Business & Entrepreneurship (Year) 1 Credit

This class will support a student's curiosity about and understanding of personal and business finance, entrepreneurship, products and consumers. From budgeting in college to connecting design thinking to your own decision-making skills, this class is very hands-on and relevant to high school students. Through a forward-looking lens, budding entrepreneurs and creative thinkers will learn how to explore, design, test, and pitch their ideas in order to move them from idea to reality. Using an amalgam of online and text resources, along

with proven experiments and exercises designed by experts at Stanford, MIT, Wharton, IDEO U, and more, students will - through open discussions, group collaboration, and lots of trial and error - learn to recognize, develop and use their own potential for innovation.

Psychology Honors (Year) 1 Credit

Through the study of psychology, students acquire an understanding of and an appreciation for human behavior, behavior interaction and the progressive development of individuals. The content examined in this course includes major theories and orientations of psychology, psychological methodology, memory and cognition, human growth and development, personality, abnormal behavior, psychological therapies, stress/coping strategies, and mental health.

AP European History (Year) 1 Credit

Students will investigate significant events, individuals, developments, and processes in four historical periods. Students develop and use the same skills, practices, and methods employed by historians: analyzing primary and secondary sources; developing historical arguments; making historical comparisons; and utilizing reasoning about contextualization, causation, and continuity and change over time. The course also provides six themes that students explore throughout the course in order to make connections among historical developments in different times and places.

AP Human Geography (Year) 1 Credit

This course focuses on the distribution, processes, and effects of human populations on the planet. The course provides a systematic study of human geography, including the following topics outlined in the Course Description: Nature of and Perspectives on Geography, Population, Cultural Patterns and Processes, Political Organization of Space, Agricultural and Rural Land Use, Industrialization and Economic Development and Cities and Urban Land Use. Students enrolled in this class are required to take the standardized AP exam at the end of the year and may receive college credit dependent upon test results.

GRADUATION REQUIREMENT

Foreign Language

GRADUATION REQUIREMENT:
2 CREDITS

2 YEARS

Spanish I - College Prep & Honors (Year) 1 Credit

This course will introduce students to the diverse cultures of the Spanish-speaking world while developing communication skills. In-depth coverage of vocabulary and grammatical structures will enhance reading and writing skills, as well as develop speaking and listening skills.

Spanish II - College Prep & Honors - (Year) 1 Credit

This course is designed to review material presented previously and increase the students' proficiency in the four basic skills: listening, speaking, reading and writing. It presents more complex structure and expands awareness of Spanish culture.



Spanish III - College Prep & Honors (Year) 1 Credit

This course serves as a continuation of Spanish II. Students will build on their current knowledge of the language. Listening, speaking, reading, and writing skills will be developed through the study of

Hispanic culture, literature, and history. Dialogues, conversations, oral presentations, and a variety of other activities will be used in this course. New grammar and vocabulary will be introduced and practiced. In addition, students will develop a better understanding of life in Spanish-speaking countries as they read and listen to authentic stories and articles.

AP Spanish Language (Year) 1 Credit

This high-level course is an intensive study of the language. The four skills of listening, reading, speaking, and writing will be developed interdependently throughout the year using a variety of media. A thorough review of grammar will be presented and the class will focus on building vocabulary through the use of literature. Students will be required to combine their oral comprehension and speaking skills with their reading comprehension and writing skills in tasks using authentic material from different Hispanic sources. Students enrolled in this class are required to take the standardized AP exam at the end of the year and may receive college credit dependent upon test results.

Spanish IV (Year) 1 Credit

This course expands the skills acquired by the students in Spanish III. Specific content includes, but is not limited to, more advanced language structures and idiomatic expressions, with emphasis on conversational skills. There is additional growth in vocabulary for practical purposes, including writing. Reading selections are varied and taken from the target language newspapers, magazines, and literary works.

Foreign Language Online (Year) 1 Credit

If students wish to study a language other than Spanish, they are able to meet the graduation requirement by taking two years of the same language online. Students will be assigned a period in the Florida Virtual Learning Lab during the school day to complete the course.

GRADUATION REQUIREMENT

Physical Education

GRADUATION REQUIREMENT:
HEALTH/PE

HEALTH

Health & Life Management Skills (Semester) .5 Credit

The health curriculum provides students with information and skills needed to become health literate, maintain and improve personal health, prevent disease, and reduce health-related risk factors. The primary objective of this course is to familiarize students with the anatomy of the body and the function of major body systems. CPR and basic first aid steps are also covered in this class.

Students may elect to take the HOPE course online prior to entering high school to allow for additional core courses in the freshman schedule. Administration approval required.

Physical Education (Semester) .5 Credit

The Physical Education course provides structured opportunities to develop knowledge, motor skills, and responsible behaviors for students through fundamental movements, sport and fitness activities. Students will demonstrate awareness of potential health and social benefits derived from participation. Students will be given the opportunity to develop an improved level of skill/knowledge in specified team sports. Safety and sportsmanship in program activities will be emphasized as a positive life skill.

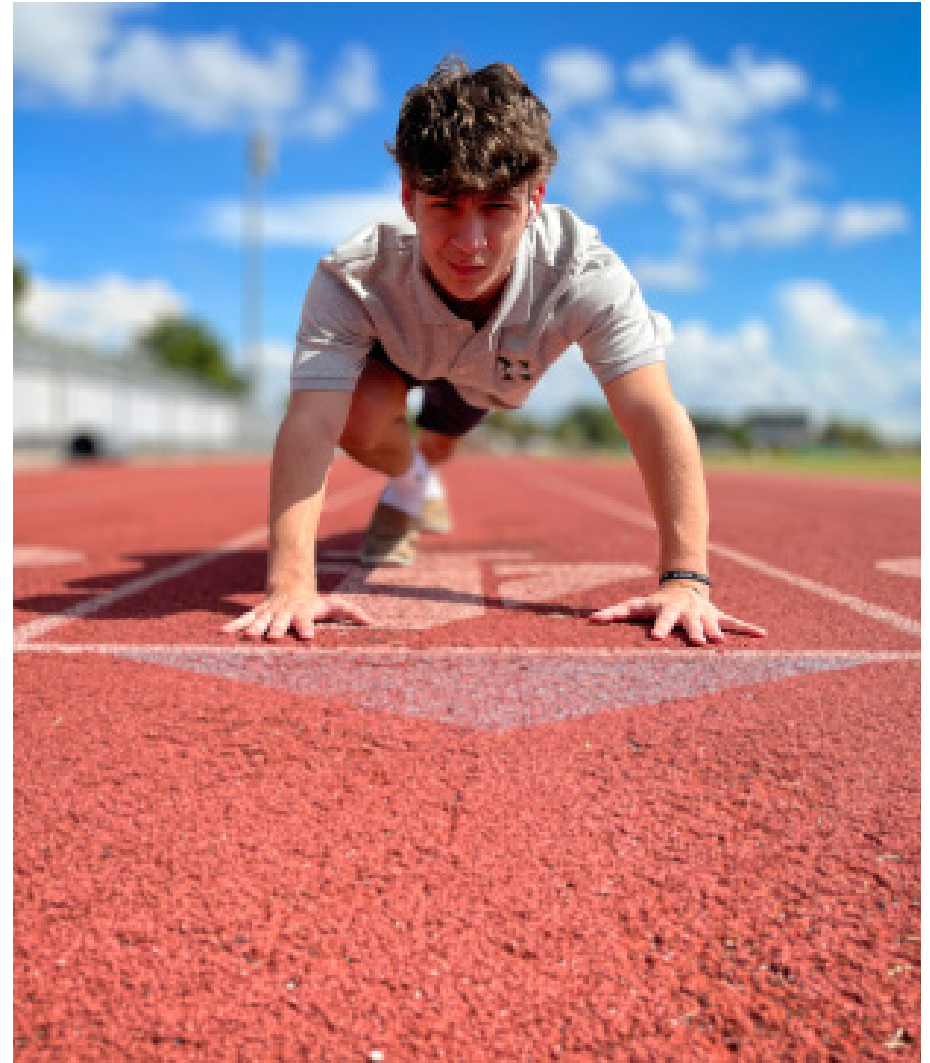
Students may elect to take the HOPE course online prior to entering high school to allow for additional core courses in the freshman schedule. Administration approval required.

Individual Sports / Team Sports (Semester) each .5 Credit

These are 2 separate semester-long courses. The purpose of these courses are to enable students to acquire basic knowledge and skills in specified individual or team sports and to improve health-related fitness. The student will participate in activities that contribute to the attainment of life-long personal goals and maintenance of wellness. The integration of fitness concepts throughout the content is critical to the success of this course. Students may take one semester or both.

Weight Training-Beginning / Weight Training-Intermediate (Semester) each .5 Credit

The focus of the weight training class is to teach students the scientific concepts, multi-joint lifts and lifting techniques that can help bring about improvements in athletic performance, overall muscular strength and endurance. The class is open to all students; grading is based on individual participation and correct lifting techniques. Students may take one semester or both.



**Fine &
Practical
Arts**

**GRADUATION REQUIREMENT:
1 CREDIT**

AP Art History (Year) 1 Credit

This is an introductory college-level art history course. Students cultivate their understanding of art history through analyzing works of art and placing them in historical context as they explore concepts like culture and cultural interactions, theories and interpretations of art, the impact of materials, processes, and techniques on art and art making, and understanding purpose and audience in art historical analysis.

Beginners Band (Year) 1 Credit

This course provides an opportunity for students to learn an instrument - a unique experience in the high school setting! The goal of this class is to give students the skills to read and perform music in a smaller setting in preparation for Concert Band.

Concert Band Honors (Year) 1 Credit

The concert band is open to all students grades 9-12. This performance ensemble is a way for students to continue to develop their musical skills and expand their musical repertoire. This ensemble is open to beginning students who want to learn a musical instrument and for experienced musicians who wish to continue receiving the benefits of playing a musical instrument. Students are strongly encouraged to seek private lessons throughout the school year to better themselves and the ensemble. The concert band is a class that focuses on music fundamentals: pitch, tone, balance, blend, and music literature.

Chorus Honors (Year) 1 Credit

This class is open to students grades 9-12. This performance ensemble will sing and play a variety of musical repertoire. Students will work on both their individual development as well as learning how to blend together as a cohesive group both vocally and instrumentally. Those students who take private lessons throughout the year, may be used in leadership roles. However, no previous vocal experience is necessary to join this class. Basic music theory and vocal and instrumental fundamentals will be taught.

Creative Arts (Year) 1 Credit

This is a course which introduces students to the world of art and design. Students have freedom to explore and enjoy producing artwork, learning how to use materials and techniques in a playful and creative way.

Digital Media (Year) 1 Credit

This is an introduction to digital photography, videography, podcasting, and digital literacy. Students will explore the fundamentals of recording images, video production, and digital technology while creating products for digital distribution. They will learn to compose effective still images, edit videos, produce podcasts and design websites. Through readings, quizzes, assignments and projects, students will gain practical experience that will serve them well as they take on technical and creative tasks in and beyond the classroom.





Guitar (Year) 1 Credit

Students with little or no experience develop basic guitar skills and knowledge, including simple and full-strum chords, bass lines and lead sheets, barre and power chords, foundational music literacy and theory, major scales, simple finger-picking patterns, and ensemble skills for a variety of music. Beginning guitarists explore the careers and music of significant performers in a variety of styles. Public performances may serve as a culmination of specific instructional goals. Students may be required to attend and/or participate in rehearsals and performances outside the school day to support, extend, and assess learning in the classroom. This course may also require students to obtain a musical instrument (e.g., borrow, rent, purchase) from an outside source.

Music Technology (Year) 1 Credit

This is a music course where students are able to expand their current musical skills with the incorporation of technology. Students will learn how to add loops to digital music, make recordings with their primary instrument and create music with their peers.

Music Theory Honors (Year) 1 Credit

Honors Music Theory is open for students who participate in a performance ensemble. This course is designed to strengthen the musical skills of students which can be applied to their primary instrument. This class will cover musical intervals, melodic dictations, rhythmic dictations, key signatures, time signatures and other technical components of music.

Photography (Year) 1 Credit

Students explore the aesthetic foundations of art making using beginning photography techniques. Students become familiar with the basic mechanics of a camera, including lens and shutter operation, compositional foundations, printing an image for display, and evaluating a successful print. Photographers use an art criticism process to evaluate, explain, and measure artistic growth in personal or group works.

Portfolio Art (Year) 1 Credit

The purpose of this course is to develop a portfolio containing an artist's statement and a diverse range of the student's own works of art. Each student will be given the opportunity to evaluate works of art and perform a self as well as a peer review.

Robotics Honors (Year) 1 Credit

The purpose of this program is to provide students with a foundation of knowledge and technical-oriented experiences in the study of the principles and applications of robotics engineering and its effect upon our lives and the choosing of an occupation. The content and activities will also include the study of safety, leadership skills, the connection between religion and technology, and ethical implications of robotics. This program focuses on transferable skills and stresses understanding and demonstration of the science and knowledge, technological tools, machines, instruments, materials, processes and systems related to robotics.

Speech & Debate (Year) 1 Credit

This course is designed to help students acquire the skill of public speaking and learn debate formats with a focus on policy debate and public forum debate. This course will help students to gain confidence in expressing themselves through learning how to organize thoughts, how to find information to support those thoughts, and effective delivery skills to help them articulate a point of view. Students will also learn strategies to help them in practical situations such as job interviews.

TV Production I (Year) 1 Credit

This hands-on introductory class introduces students to the basics of television production, from story generation to recording to editing and distribution. Working in our studio and in the field, in front of and behind the camera, students will engage in both the technical and creative aspects of production, as they rotate through roles. Once students have learned the basics, they will move on to produce the school video program "Celtics News" and work on their own podcasts, mixtapes, and short films. Open to grades 10-12.

TV Production II (Year) 1 Credit

Open to students grades 10-12, with prior experience or a basic knowledge of TV production. Students will be tasked with writing, recording and editing the school news program twice weekly. In addition to the news and news packages, they will continue to hone their creative and production skills by pitching and producing other video projects, including entertainment reports, commercials and promotions, TikToks, TWITCHes, Insta reels, podcasts and mixtapes for digital distribution. Applications are required for this course and are submitted in the spring before course scheduling is finalized.

Yearbook (Year) 1 Credit

Students in this course will participate in all aspects of the school yearbook from creation to production. An elective, this course provides students with an opportunity to learn all aspects of creating a high school yearbook. Aspects include photography, graphic design, writing, selling, promotion, and computer layout. The course culminates with the production of the school's yearbook.



Other Electives

GRADUATION REQUIREMENT:

6 CREDITS

*ELECTIVE CREDITS CAN COME FROM ALL OTHER COURSE CATEGORIES

6 CREDITS

College Scholars I (Semester) .5 Credit

This course is designed to provide **juniors** with the tools necessary to prepare for the college and scholarship application process. Students will learn about application and financial aid terminology and requirements, will create resumes and write essays. Both in-state and out-of-state college and university options will be explored to ensure that each child finds schools that meet both their financial and personal requirements. By exposing our students to this information, prior to beginning the application process, we are empowering them with the knowledge that college is attainable and affordable.

College Scholars II (Semester) .5 Credit

This course is designed to assist **seniors** with the college and scholarship application process. Students will use the information they learned as juniors to decide which schools and scholarships are most suited to their personal needs and abilities. Time and technology is provided for students to complete college and university applications, find and apply for a vast array of scholarships, and proceed through the strict rules of state and federal financial aid. Through this course we offer our students the support necessary to gain acceptance to excellent schools and help them plan for and pay the ever-increasing costs of college.

SAT Prep (Semester) .5 Credit

SAT Prep is designed to raise student scores on the SAT. Students will learn strategies for approaching the test, and become familiar with the most recent vocabulary found on the SAT. This class is co-taught with the English and Math departments.

Executive Internship Honors (Year) 1 Credit

This course allows students to learn leadership and team building through active participation in a variety of exercises and school projects as well as thorough studying of both historical and modern day leaders. Students will have the opportunity to develop and evaluate their own leadership qualities through the creation of skills in communication, organization and managerial skills, character development, goal setting, decision-making, group process, conflict

resolution, citizenship and diversity. Service learning is another important part of this class, as well as public speaking and developing a professional skill set for entering the work force. Finally, this course pays close attention to the development of personal growth through feedback and reflection.

Florida Virtual Learning Lab (Year) 1 Credit

The Florida Virtual Learning Lab is an opportunity for a group of students to take a specific course not currently offered by St. John Neumann. These labs create an environment that allows students to reach outside the walls of their classrooms and connect with teachers and students throughout Florida. Classes and minimum requirements for classes must be met for Administration approval. Courses must be completed within the school-year schedule.



Learning Strategies (ESE) (Year) 1 Credit

This course provides instruction and support to students with documented learning disabilities. Students will acquire skills and strategies necessary to enhance their independence as learners in educational settings. The course content will include but not be limited to: organization, time management, test taking, note-taking, comprehension, memory strategies, critical thinking and advocacy skills. Student and teacher will monitor the academic progress that is made throughout the course.

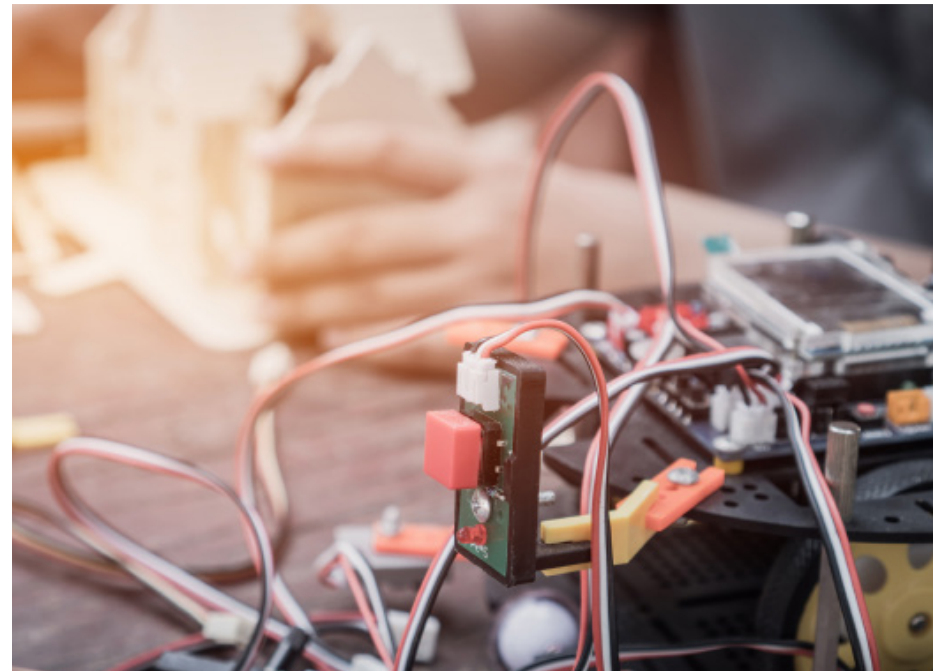
Prerequisite: Students must provide documentation of learning disabilities to the school in order to qualify for this class.

Life Skills (Semester) .5 Credit

The purpose of this course is to enable students to gain the knowledge and skills needed for post-school adult living. The content examined in this course includes adult living arrangements, financial management, citizen and community involvement, personal and social competencies and career planning.

Sports Marketing (Year) 1 Credit

The Sports Marketing course introduces the basic principles of marketing and economics. Sports Marketing focuses on the history of sports, the sports consumer, and sports that generate goods and services, discussing their impact on the economy. Students will also examine every aspect of the marketing mix, from the variety of sports products and the outlets for distribution to pricing considerations and promotional strategies. The course also examines the relationships that exist between the media and sport organizations as well as the technology they use. Discussions of the history of sports and entertainment as well as legal issues and business risks give students a solid foundation. The curriculum will culminate with a challenging research and presentation project utilizing current video technology.



AP Capstone™ Diploma Program (2 Years) 2 Credits

AP Capstone™ is a diploma program from the College Board. It's based on two year-long AP courses: AP Seminar and AP Research.

Students who earn scores of 3 or higher in AP Seminar and AP Research and on four additional AP Exams of their choosing receive the AP Capstone Diploma™. Students who earn scores of 3 or higher in AP Seminar and AP Research but not on four additional AP Exams receive the AP Seminar and Research Certificate™. Students may take the AP Seminar during junior year, and must pass this exam in order to enroll in AP Research.

AP Seminar (Year) 1 Credit

This is an interdisciplinary course that encourages students to demonstrate critical thinking, collaboration, and academic research skills on topics of the student's choosing. To accommodate the wide range of student topics, typical college course equivalents include interdisciplinary or general elective courses.

AP Research (Year) 1 Credit

In this course, students deeply explore an academic topic, problem, or issue of interest to them. Students design, plan, and conduct a yearlong research-based investigation to address a research question, documenting their process with a portfolio.

Senior Reflection Project (Year) .5 Credit

Scientium Veritatis (From Knowledge to Truth)

To complete the final stage of a student's journey, each senior will present a formal, final reflection and assessment of their experience at SJN. Students will work on this project throughout senior year. It is not an assigned class period.

The framework for this personal, individual, unique reflection will be the four elements of the Oratory Model: Home, School, Church, and Playground. Before a panel of three, comprised of teachers and staff members, the senior will articulate their experience at SJN through the lens of the Oratory – what have their experiences been in relation to each of the elements and how have they grown as a result of these experiences. For a school that believes so highly in relationships and experiences, this project is a fitting culmination to a student's education at St. John Neumann.

