



English Electives

INTRO TO CREATIVE NONFICTION (SUPA): Grades 11, 12

Prerequisite: Eng 10

Students explore how writing about culture can be creative but also informative. Students will critically reflect upon complex nonfiction texts from different genres and engage in researched writing projects of their own. **Ideal for students who are interested in creative writing or journalism.**

JOURNALISM: Grades 11, 12

Prerequisite: Eng 10

Explores contemporary media and the ethical responsibility issues inherent in the press today. Students will learn the fundamentals of news, feature, editorial and sports writing. Students will create numerous original stories using varied structures and writing techniques. Students will also learn to create computer generated layouts and graphics. **Ideal for students who have an interest in current events, politics, or having a voice in their school community to inspire change.**

LITERATURE AS FILM: Grades 11, 12

Prerequisite: Eng 10

Introduces students to major film theories as well as film terminology, enabling them to write more thoughtfully and critically. This in turn will further the students' enjoyment of the cinematic experience. **Ideal for pop-culture lovers and students interested in pursuing a career in film, television, or acting.**

CREATIVE WRITING: Grades 11, 12

Prerequisite: Eng 10

Students will become familiar with standard literary elements through the reading and study of published prose and poetry and are taught to use those elements in their own writing. **Ideal for aspiring writers of novels, short stories, or poetry.**

SAT/ACT PREP: Grades 11, 12

Prerequisite: Eng 10

Through review and practice, students will be familiarized with the directions for the Critical Reading and Writing sections, the style of question, and the best approaches for finding the answers. **Ideal for students interested in improving their SAT score.**

GRAPHIC NOVELS: Grades 11, 12

Prerequisite: Eng 10

Students will engage with literature by interpreting both the text and images in graphic novels and how authors combine them to bring literature to life. **Ideal for students who love reading comics or manga.**

RUSSIAN LITERATURE: Grades 11, 12

Prerequisite: Eng 10

Starting from the early 19th century through the Soviet era and into today, students will see how Russia has sought to identify itself through its great literary works including novels, short stories, and poetry. **Ideal for students who love literature and want to expand their world view.**



Math Electives

Financial Mathematics: Grades 11, 12

Students will learn about banking, paying taxes, the importance of insurance, long and short-term investments, credit cards, consumer loans, economic principles, and the basics of starting a business.

Statistics: Grades 11, 12

This course provides a basic understanding of descriptive and inferential statistics including the measures of central tendency, standard deviation, combinations and permutations, probability, sampling, and various distributions.

SUPA Calculus (SUPA): Grades 12

This course illustrates various applications of calculus including the rules of differentiation and integration, methods for finding extrema, optimization, and related rates. Students will receive Syracuse University credit upon successful completion of the course.

Intro to College Mathematics: Grades 12

This course focuses on preparation for college entrance examinations as well as skills and concepts required to demonstrate competency as a first year college student.

Science Electives

Physics (SUPA): Grades 11, 12

Prerequisite: Life or physical science and Chemistry

The first semester stresses problem solving and conceptual understanding and covers traditional topics in mechanics. The second semester treats topics dealing with electricity, magnetism, and optics. Students will receive Syracuse University credit upon successful completion of the course. This course provides the necessary physics background for health professionals and others who need physics but are not required to take a calculus-based course.

Forensics: Grades 11, 12

Prerequisite: Life or physical science and Chemistry

This course is designed to study the application of science for investigative purposes. **Ideal for students interested in law enforcement or pathology.**

Marine Biology: Grades 11, 12

Prerequisite: Life or physical science and Chemistry

Students will study the different habitats of the ocean, research topics in the physical and biological interconnectedness of the ocean, and examine the effects of human impact, including climate change, on the ocean biome. **Ideal for students interested in the global impacts of human action and the importance of the water on our planet.**

Anatomy: Grades 11, 12

Prerequisite: Life or physical science and Chemistry

Anatomy is a one-year lab-based course devoted to the study of the human body systems and to related careers in the area of health. **Ideal for students interested in fitness, health, or want a better understanding of the human body.**



Social Studies Electives

The Food We Share: Grades 9, 10, 11, 12

Students learn about how food connects to culture, social, and environmental justice through cooking a variety of foods.

Introduction to Sociology (SUPA): Grads 11, 12

In this course, you'll look at human interaction in a wide range of situations, from the intimate family to the hostile mob; from organized crime to religious cults; and from the divisions of race, gender, and social class to the shared beliefs of a common culture. You'll learn how to take a disciplined view of social inequality, discover the forces behind social change and resistance, and see how social systems work. Few fields have such a broad scope and relevance for research, theory, and the application of knowledge. **Ideal for students who have taken Honors/ AP US History, AP US Government, and those interested in entering education, social work, counseling, medicine, or other related fields. There is a \$100 registration fee.**

Introduction to Psychology (SUPA): Grades 11, 12

The primary goals of the course include providing students with information regarding major areas of psychology such as learning, memory, cognition, development, personality, and social psychology. Students will learn the basic principles, concepts, and research findings in psychology and will become acquainted with psychological research methods and procedures while attempting to conduct and document research. Students will be presented with opportunities to discuss current topics, events, real-life experiences, and applications of psychological theories and research. **Ideal for students who have taken Honors/ AP US History, AP US Government, and those interested in entering education, social work, counseling, medicine, or other related fields. There is a \$100 registration fee.**

CTE Electives

Introduction to Web Design: Grades 9, 10, 11, 12

Students will learn concepts associated with website development.

Introduction to Coding: Grades 10, 11, 12

Students will learn how to code in a fun and accessible way. This course focuses on the problem solving and critical thinking skills required to successfully code.

Professional Computer Literacy: Grades 9, 10, 11, 12

Students will learn keyboarding skills, resume writing, and professional email and workplace etiquette.

Computer Programming: Grades 10, 11, 12

Through the use of JavaScript and Python, students will learn the concepts of binary coding, abstraction, logic and how algorithms work together to create programs.

AP Computer Science: Grades 11, 12

Prerequisite: 75 or higher in Intro to Coding

Students will develop computational thinking skills vital for success across all disciplines, such as using computational tools to analyze and study data and working with large data sets to analyze, visualize, and draw conclusions from trends. **The completion of a summer assignment is essential for your success in the class. Students will take the Advanced Placement examination in May and may acquire college credit with a passing score of 3 or better on their AP Exam.**

Language Electives

CULTURES OF LATIN AMERICA : Grades 10, 11, 12

Students become acquainted with the different cultures of the Spanish-speaking countries via readings and virtual tours.

INTRODUCTION TO CLASSICAL STUDIES: Grades 10, 11, 12

Students will interrogate the history and legacy of the ancient Greco-Roman world from our contemporary perspectives and use the past as a critical tool for better understanding our present.

Visual Arts

Studio Art: Grades 9, 10

This course will expose students to a wide variety of art-making practices. Students will also discuss art history and art vocabulary. Beginner and intermediate courses offered.

DRAWING: Grades 10, 11, 12

This course will focus on drawing mediums including; pencil, charcoal, colored pencil, chalk pastel and oil pastel. Beginner and intermediate courses offered.

PAINTING: Grades 10, 11, 12

This course will focus on painting mediums including: dry to wet mediums using watercolor pencil and chalk pastel with water as well as watercolor and acrylic paint. Beginner and intermediate courses offered.

Photography: Grades 10, 11, 12

Students will learn the basics of digital photography and Adobe Photoshop. Students will learn about camera concepts such as aperture, ISO, etc. as well as how to manipulate a camera in full manual mode. Beginner and intermediate courses offered.

Ceramics: Grades 9, 10, 11, 12

Students will learn clay handbuilding techniques and create traditional pottery forms such as pinch pots, coil vases, etc. Beginner and intermediate courses offered.

Fashion Design: Grades 10, 11, 12

Students will learn the history of fashion design, product development, digital design, and textiles. Advanced fashion courses will focus on sewing applications and brand building.



AP ART & DESIGN: Grades 11, 12

This is a portfolio-based, college level course. Students are encouraged to create works of art based on their own designs and ideas. Works selected for your portfolio must exhibit mastery in terms of concept, composition and execution. **Students will take the Advanced Placement examination in May and may acquire college credit with a passing score of 3 or better on their AP Exam.**

Performing Arts Electives

Choir: Grades 9, 10, 11, 12

A non-traditional approach to choir which focuses on the basics of singing in a student centered ensemble. Students may be required to perform. Treble, bass and advanced courses offered.

Piano: Grades 9, 10, 11, 12

Students will learn reading, writing, music theory and piano technique. Students may be required to perform. Beginner and intermediate courses offered.

Band: Grades 9, 10, 11, 12

Students will learn instrumental and ensemble techniques and music theory, as well as music culture and history. Students may be required to perform. Beginner and intermediate courses offered.

Audio Production: Grades 9, 10, 11, 12

Students will learn various musical skills including beat-making, sampling, and audio editing using musical software such as Logic Pro X. Beginner and intermediate courses offered.

Dance: Grades 9, 10, 11, 12

Students will learn a multitude of dance techniques and styles including jazz, hip hop, and ballet. Students may be required to perform. Beginner, intermediate, and advanced courses offered.

Theatre: Grades 9, 10, 11, 12

Students will explore and engage in various styles of musical theatre including improvisational, drama, and musical. Students may be required to audition and perform. Beginner, intermediate, and advanced courses offered.