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DEPARTMENT OF STUDENT PERSONNEL SERVICES

The Department of Student Personnel Services shares in the responsibility of insuring that students attain their greatest potential educationally, socially, and vocationally. Working as part of a team with teachers, administrators, child study team members, student assistance counselor, nurse and parents, the counselors help students achieve their goals. Counselors meet with students to discuss school adjustment, college and post-secondary educational and career planning and personal concerns.

The Office of Student Personnel Services is a resource center which houses and disseminates information and provides informational sessions for all students on the following:

Academic services include:
- Graduation requirements
- Academic planning
- Schedule planning and course selections
- Maintenance of report cards and progress reports available through Genesis
- Transcript and record keeping maintenance
- Parent and teacher conferences
- Referrals to special services and outside agencies
- State standardized test and limited English proficiency test administration and results
- Student and parent programs

Post-secondary college and career readiness services include:
- Host and post information about post-secondary options
- Available through Naviance, electronic career and college information
- PSAT score report interpretation presentation
- SAT and ACT preparatory course information provided
- PSAT, SAT I, SAT II, and ACT registration materials
- Assistance with applications to post-secondary options
- Financial aid
- Monthly scholarships bulletin
- Military information
- ASVAB testing and results presentation

General resources and services include:
- Working papers
- Special programs, including enrichment opportunities (Boys’ State/ Girls’ State, Governor’s School Programs, HOBY, etc.)
- Community Service Fair
- Personal concerns
- Crisis issues
- Interpersonal relationships

Students are encouraged to visit the Office of Student Personnel Services to meet with their counselors. Parents are invited and encouraged to make an appointment to meet with their child’s counselor and/or teacher(s) by calling 973-347-7600 ext. 5120/5121.
GRADUATION REQUIREMENTS

Those credits must be distributed among specific areas of study, as listed below:

<table>
<thead>
<tr>
<th>Area</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Language Arts Literacy (English)</td>
<td>20 credits</td>
</tr>
<tr>
<td>Mathematics</td>
<td>20 credits</td>
</tr>
<tr>
<td>*Additional mathematics courses taken prior to Grade 12 will receive elective credit, but will NOT COUNT towards fulfilling the five credit Grade 12 requirement.</td>
<td></td>
</tr>
<tr>
<td>Social Studies</td>
<td>20 credits</td>
</tr>
<tr>
<td>*Social studies electives taken prior to Grade 12 will receive elective credit, but will NOT COUNT towards fulfilling the five credit Grade 12 requirement.</td>
<td></td>
</tr>
<tr>
<td>World History</td>
<td>5 credits</td>
</tr>
<tr>
<td>U.S. History</td>
<td>10 credits</td>
</tr>
<tr>
<td>Grade 12 Social Studies*</td>
<td>5 credits</td>
</tr>
<tr>
<td>Physical Education and Health</td>
<td>20 credits</td>
</tr>
<tr>
<td>Science*</td>
<td>15 credits</td>
</tr>
<tr>
<td>*Five science credits must be taken in a laboratory biology course.</td>
<td></td>
</tr>
<tr>
<td>*Students are to successfully complete a minimum of three full years of science to meet district graduation requirements.</td>
<td></td>
</tr>
<tr>
<td>World Languages</td>
<td>5 credits</td>
</tr>
<tr>
<td>Visual and Performing Arts</td>
<td>5 credits</td>
</tr>
<tr>
<td>Courses fulfilling this requirement are listed on the following page.</td>
<td></td>
</tr>
<tr>
<td>Technological Literacy</td>
<td>5 credits</td>
</tr>
<tr>
<td>This requirement is integrated through the curriculum.</td>
<td></td>
</tr>
<tr>
<td>21st Century Life and Careers</td>
<td>5 credits</td>
</tr>
<tr>
<td>Courses fulfilling this requirement are listed on the following page.</td>
<td></td>
</tr>
<tr>
<td>Personal Finance</td>
<td>2.5 credits</td>
</tr>
<tr>
<td>Service Learning</td>
<td>2.5 credits</td>
</tr>
<tr>
<td>Optional for the Class of 2021 and Beyond</td>
<td></td>
</tr>
<tr>
<td>State testing requirements</td>
<td></td>
</tr>
</tbody>
</table>

As established by Lenape Valley Regional High School Board of Education policy, students must:

- Enroll in a minimum of 35 credits per year.
- Not exceed 41 credits per year.
- Earn at least 140 credits in order to be a candidate for graduation.
ELECTIVE OFFERINGS THAT MEET GRADUATION REQUIREMENTS

Courses that meet the **Visual and Performing Arts** requirement include:

- New Media Art
- Exploring Art
- Introduction to Computer Design
- Advanced Computer Design
- Fashion and Interior Design I & II
- 2D and 3D Design
- Drawing and Painting Workshop
- Introduction to Digital Photography
- Introduction to Graphic and Communication Design
- Studio Art
- Art Portfolio Honors
- Ceramics 1 and 2
- Art for the School and Beyond
- Communications
- Film Studies
- Dramatics
- Drama Seminar; Scene Study
- Drama Seminar; Technical Theater
- Journalism and Journalism Workshop H
- Creative Writing: Fiction and Poetry
- Expressions in Writing
- History of Rock and Roll (previously Pop Music)
- Symphonic Band 1, 2, 3, 4H
- Mixed Chorus 1, 2, 3, 4H
- Music Theory 1 and 2
- AP Music Theory
- Musical Theater 1 and 2
- Music and Film
- Electronic Music Technology

Courses that meet the **21st Century Life and Careers** include:

- Communications
- Freshman Seminar
- Personal Finance
- Web Page Design On-Line
- Advanced Web Page Design On-Line
- E-Commerce
- Video Editing and Multimedia
- Python Coding
- Video Game Design and Development
- Accounting 1 and 2H
- Marketing Strategies 1 and 2H
- Fashion Marketing and Design Management
- Sports and Recreation Marketing
- Business Law
- Introduction to Business
- International Business
- Lenape Valley Entrepreneur
- Marketing and Advertising Communications
- Social Media Marketing
- Cooperative Education
- STEM Academy (formerly Intro to CAD)
- Mechanical Design and Fabrication
- Engineering/Robotics
- Architecture Design (formerly CAD III)
- Inventors’ Studio Workshop (formerly CAD IV)
- Honors Inventors’ Studio Workshop
THE NEW JERSEY STUDENT LEARNING STANDARDS

In 1996, the New Jersey State Board of Education adopted the state’s first set of academic standards called the Core Curriculum Content Standards. The standards described what students should know and be able to do upon completion of a thirteen-year public school education. Over the last twenty years, New Jersey’s academic standards have laid the foundation for local district curricula that is used by teachers in their daily lesson plans.

Revised every five years, the standards provide local school districts with clear and specific benchmarks for student achievement in nine content areas. Developed and reviewed by panels of teachers, administrators, parents, students, and representatives from higher education, business, and the community, the standards are influenced by national standards, research-based practice, and student needs. The standards define a “Thorough and Efficient Education” as guaranteed in 1875 by the New Jersey Constitution. Currently the standards are designed to prepare our students for college and careers by emphasizing high-level skills needed for tomorrow’s world.

The most recent review and revision of the standards occurred in 2014. However, the standards in language arts and math underwent an additional review in 2015 with adoption by the New Jersey State Board of Education in May 2016.
CURRICULUM PLANNING

Lenape Valley Regional High School creates an educational environment where every student will be college and career ready when they graduate. All faculty and staff at Lenape Valley Regional believe that data informed and student-centered systemic change is both possible and necessary to achieve our vision of preparing a curriculum and whole school program that empowers every student to be successful in his or her life.

To that end, LVR offers a rigorous, differentiated, and diverse curriculum in all subjects for all learners. With our curriculum, all students will be able to enter college or to start a career/career training program prepared to manage the demands of the 21st Century and global marketplace. In alignment with the newly adopted Common Core Content Standards and federal and state curricular mandates, Lenape Valley Regional High School will meet the needs of every student learning style and learning goals. Our program of studies ensures all learners have the opportunity to grow socially, physically, and cognitively in the least restrictive and the most supportive school environment.

ACADEMIC REQUIREMENTS FOR COLLEGE ENTRANCE

In order to be college and career ready, students are advised to pattern course selections on the general requirements set by many colleges and 21st century career expectations. These include the following:

- **English**: 4 years
- **Mathematics**: 4 years
- **World Languages**: 3 or more years of study of the same language
- **Science**: 4 years
- **Social Studies**: 4 years
- **Electives**: Choices from any discipline

Since colleges vary so widely with respect to admission requirements, we strongly recommend that students consult the catalogue of the individual college or speak to their counselor about specific entrance standards as they develop their course of studies over their four years at LVR. Generally, more competitive colleges have more rigorous admission requirements. Most colleges consider the following important factors in making admission decisions:

1. The four-year scholastic record (grade point average).
2. The rigor of courses and quality of performance.
3. The scores earned in the examination of The College Board or the American College Test (SAT or ACT).
4. Advanced Placement courses completed with their accompanying end-of-course examination.
5. The range and extent of extracurricular participation.
6. Community Service.

Similarly, students should bear in mind that colleges evaluate transcripts in terms of grades earned as well as courses taken. Usually, a merely passing grade does not meet college admissions standards. A general standard is a "B" or higher average.
SCHEDULING GUIDELINES

MASTER SCHEDULE

The high school master schedule and staffing are determined by the course selections of the students. Every effort will be made to accommodate your course requests but consideration is not made for teacher preference. There are times that courses will not be offered due to an insufficient enrollment requiring you to select an alternative. In addition, some courses in the Program of Studies are offered every other year. Board of Education policy indicates that each course must have a minimum student enrollment to be offered with only a few exceptions. Additionally, due to availability of staff and facilities, your schedule may be in “conflict” and can only be resolved by selecting an alternate course.

DROPPING AND ADDING COURSES

Changing scheduled classes is a serious decision; therefore, the request to drop or add a course is not to be taken lightly. A conference involving the student, teacher, counselor and parent may be necessary before a student is permitted to drop a subject. If the course is dropped within the designated course drop period, the course will no longer appear on the student’s transcript and a study hall will be added to the schedule. If the course is dropped after the designated “Course Drop Deadline” noted on each year’s school calendar, the student will receive a “WP” (Withdraw Passing) or a “WF” (Withdraw Failing). This grade will appear on school transcripts. Similarly, no student may enter a new course after the start of the school year without the approval of the principal, subject area supervisor, and his/her counselor. Students enrolled in concurrent courses must adhere to the guidelines of the college offering the course.

COURSE FAILURES/CREDIT RETRIEVAL

The Board of Education, administration, and staff of Lenape Valley Regional High School believe that all students must develop seriousness of purpose, attitudes of responsibility, and conscientious work ethics. To align practice with philosophy, any student who fails a course in the first semester may not make up that course in the second semester. This applies even to seniors who fail a semester course required for graduation. Students who fail courses have the option to remediate up to two courses each summer and, in some extenuating circumstances, may repeat the course in the subsequent school year. Seniors are extended an additional opportunity to remediate credits in up to one full year course during their senior year through the credit retrieval process.

ADVANCED PLACEMENT COURSES

Students who enroll in Advanced Placement courses are expected to take the Advanced Placement Examination in the spring in order to receive Advanced Placement weight for the course.

PROGRAM ACCELERATION

Students are invited to pursue additional coursework through approved college or virtual offerings in order to accelerate their program of study. For example, students who were unable to accommodate French 3 in their schedule may enroll in this course in another approved setting. Courses taken in other settings will NOT be included on students’ Lenape transcript, but will serve as meeting a pre-requisite so students may accelerate their program of study. For example, the above student must submit proof of completing French 3 in another setting in order to enroll in French 4 at Lenape Valley Regional High School. To determine if alternative settings are considered approved, please speak with your child’s Guidance Counselor in advance of registration.
Advanced Placement Capstone is a diploma program from the College Board. It’s based on two year-long AP courses: AP Seminar and AP Research.

Rather than teaching subject-specific content, these courses develop students’ skills in research, analysis, evidence-based arguments, collaboration, writing, and presenting. Students who complete the two-year program can earn one of two different AP Capstone awards, which are valued by colleges across the United States and around the world.

Students can earn the AP Capstone Diploma OR the AP Seminar and Research Certificate.

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.

AP Research: There is no end-of-course written exam for AP Research. Instead, you’ll be assessed on performance tasks you complete that are based on your yearlong research project: an academic paper, a presentation, and an oral defense of your research. These components all contribute to your final AP score on a scale of 1–5.

While weighted as advanced placement courses, neither AP United States History 1 nor the Syracuse University Project Advance courses will count towards the four required Advanced Placement courses needed to earn an AP Capstone Diploma.
CONCURRENT COURSES

Concurrent courses are hosted at Lenape Valley, but the curriculum and instructor are approved by the cooperating college (currently either SCCC or Syracuse University). Students attend courses and complete the curriculum at Lenape Valley. The grade from Lenape is then recorded on Lenape Valley’s transcript and it is shared with the cooperating college in order to be recorded on a transcript at the college. Students earn credits towards their high school graduation and earn credits at the cooperating college that may be transferred to the college of their choice.

SCHEDULING YOUR CONCURRENT COURSES AT LENAPE VALLEY AND SCCC

The following courses are offered concurrently at SCCC:

<table>
<thead>
<tr>
<th>Lenape Valley Transcript</th>
<th>College Transcript</th>
</tr>
</thead>
<tbody>
<tr>
<td>AP Psychology (5 credits)</td>
<td>3 credits of Psych 101 from SCCC</td>
</tr>
<tr>
<td>Psychology CP (2.5 credits)</td>
<td>3 credits of Psych 101 from SCCC</td>
</tr>
<tr>
<td>AP Biology (6 credits)</td>
<td>8 credits of Bio 110 and Bio 112 from SCCC</td>
</tr>
<tr>
<td>Spanish 4 Honors (5 credits)</td>
<td>3 credits of Spanish 201 from SCCC</td>
</tr>
<tr>
<td>AP Spanish (5 credits)</td>
<td>3 credits of Spanish 202 from SCCC</td>
</tr>
<tr>
<td>Pre-Calculus H (5 credits)</td>
<td>6 credits of Math 110 and Math 112 from SCCC</td>
</tr>
<tr>
<td>Pre-Calculus CP (5 credits)</td>
<td>3 credits of Math 110 from SCCC</td>
</tr>
<tr>
<td>AP Chemistry (6 credits)</td>
<td>8 credits of Chem 110 and Chem 112 from SCCC</td>
</tr>
<tr>
<td>Chemistry H (6 credits)</td>
<td>4 credits of Chem 101 from SCCC</td>
</tr>
</tbody>
</table>

STEP 1 - Register for the Lenape Valley course
- See your guidance counselor to enroll in the concurrent course at Lenape Valley Regional High School.
- All prerequisites must be met and teacher recommendations must be on file.

STEP 2 - Apply for Concurrent Enrollment at SCCC
- Go to sussex.edu/admissions
- Click on “Apply Online”
- Fill out the online application – must include social security number
- For Admission Status, choose Concurrent High School Students – Concurrent Enrollment Program from the drop-down menu
- Submit the application – admission fee is waived
- Within 2 days, the student will receive an e-mail with…
  - Their SCCC Student ID number
  - SCCC Passwords
  - Direction on how to register online and pay online
  - A parent release form
STEP 3 - Test only if CLM is needed
- No placement test needed for the majority of the classes taken at your high school.
- However, you will need to take the College Level Math Accuplacer Exam at SCCC if you are taking the following classes: Pre-Calculus, Calculus, Physics, or Chemistry.
- For students who need to take the CLM at SCCC, please contact our Testing Coordinator, Kathleen Carr, at 973-300-2155 or email kcarr@sussex.edu to set up an appointment. You can also check the website for study guides and sample test questions at http://sussex.edu/academics/testing/.

STEP 4 - Register for the class at SCCC
- Register for class/classes by filling out the Concurrent Enrollment Registration Form and Parent/Guardian Release for Students under 18. Copies are available at Sussex.edu/admissions and in your high school Guidance Department.
- Pay for the class online using the SCCC Portal.
- Congratulations! You have enrolled. SCCC will submit a list of students to Lenape Valley.

STEP 5 – Upon completion of the class.
- Students must earn a C or better in their course at Lenape in order to be eligible to earn credits at SCCC.
- When students later commit to the college they wish to attend, they must contact SCCC to issue an official transcript from SCCC to the college they will be attending. The final decision as to if and how credits might be transferred is at the discretion of the attending college.

Should students have any questions, please email Mr. Todd Poltersdorf, Director of Admissions, at tpoltersdorf@sussex.edu.

SCHEDULING YOUR CONCURRENT COURSES AT LENAPE VALLEY AND SYRACUSE UNIVERSITY

The following course is offered concurrently at Syracuse University:

**Lenape Valley Transcript**
- Practices of Academic Writing (2.5 credits)
- Writing Culture: Intro to Creative Nonfiction (2.5 credits)

**College Transcript**
- Practices of Academic Writing (3 credits) and Writing Culture: Intro to Creative Nonfiction (3 credits)

In order to take advantage of the opportunity to earn credits at both the high school and the college for the concurrent course, students must be dually enrolled at both institutions. Students must submit payment directly to Syracuse University.
- To register for the course at Lenape, the student must meet the pre-requisite courses and have a teacher recommendation for this as an AP/H level course. When the course appears on the student's schedule, they are enrolled at Lenape.
- To register for the course at Syracuse, information will be distributed to students by a representative from Syracuse through the actual course at Lenape. All students enrolled in these courses at Lenape must be dually enrolled at Syracuse.
CLASS RANK

Class rank is a statistic that compares each student’s overall academic performance with the performance of his or her classmates. The grades earned in all subjects are included in the reported grade point average for the calculation of a student’s rank. All courses are weighted as advanced placement/honors or college preparatory in the determination of a weighted grade point average for class rank. In observance of Lenape Valley Regional High School Board Policy 5430, Lenape Valley Regional High School will not provide rank in class on any school record. Rank in class is not officially calculated and will not be provided to students and colleges. For administrative purposes, rank is calculated at the end of each school year, but will only be provided directly to limited programs such as service academies, certain college honors programs, specific scholarship, and graduation honors.

In observance of Lenape Valley Regional High School Board Policy 5430, ranking for valedictorian and salutatorian of the graduating class are determined at the end of the 2nd marking period of senior year or seventh semester. “In each high school graduating class, the pupil who has earned the highest grade point average at the end of the seventh semester shall be named valedictorian and the pupil who has earned the next highest grade point average shall be named salutatorian provided that any pupil so named shall have been enrolled in this district for at least two complete school years immediately prior to high school graduation.”

GRADE REPORTING SYSTEM

<table>
<thead>
<tr>
<th>GRADING SCALE</th>
<th>AP GPA</th>
<th>HONORS GPA</th>
<th>COLLEGE PREP GPA</th>
<th>STANDARD GPA (NON-WEIGHTED)</th>
</tr>
</thead>
<tbody>
<tr>
<td>98-100 = A+</td>
<td>5.3</td>
<td>4.8</td>
<td>4.4</td>
<td>4.0</td>
</tr>
<tr>
<td>94-97 = A</td>
<td>4.9</td>
<td>4.5</td>
<td>4.1</td>
<td>3.7</td>
</tr>
<tr>
<td>90-93 = A-</td>
<td>4.6</td>
<td>4.2</td>
<td>3.8</td>
<td>3.4</td>
</tr>
<tr>
<td>87-89 = B+</td>
<td>4.3</td>
<td>3.9</td>
<td>3.5</td>
<td>3.1</td>
</tr>
<tr>
<td>83-86 = B</td>
<td>4.0</td>
<td>3.6</td>
<td>3.2</td>
<td>2.8</td>
</tr>
<tr>
<td>80-82 = B-</td>
<td>3.7</td>
<td>3.3</td>
<td>2.9</td>
<td>2.5</td>
</tr>
<tr>
<td>77-79 = C+</td>
<td>3.4</td>
<td>3.0</td>
<td>2.6</td>
<td>2.2</td>
</tr>
<tr>
<td>73-76 = C</td>
<td>3.1</td>
<td>2.7</td>
<td>2.3</td>
<td>1.9</td>
</tr>
<tr>
<td>70-72 = C-</td>
<td>2.8</td>
<td>2.4</td>
<td>2.0</td>
<td>1.6</td>
</tr>
<tr>
<td>0- 69 = F</td>
<td>--</td>
<td>--</td>
<td>--</td>
<td>--</td>
</tr>
</tbody>
</table>

HONOR ROLL

Distinguished Scholar………………….A’s & 1 B
High Honors……………………………..A’s & 2 B’s
Honors…………………………………...A’s, B’s & 1 C
ART DEPARTMENT
COURSE SEQUENCE

Introduction to Computer Design → Advanced Computer Design

2D and 3D Design → Studio Art

Drawing and Painting Workshop → Studio Art

Ceramics I → Ceramics II

Fashion and Interior Design I → Fashion and Interior Design II

Other Electives

Art for the School and Beyond
Exploring Art
Fashion and Interior Design I
Fashion and Interior Design II
Introduction to Graphic and Communication Design
Introduction to Digital Photography
New Media Art
ART DEPARTMENT  
COURSE OFFERINGS

The Art Department offers students the opportunity to think and act creatively and to express themselves through a variety of media. The department addresses the following objectives for student learning:

- The development of visual and tactile perception of form, color, and texture;
- The development of creative expression and communication of ideas and feelings through images, symbols, and forms;
- The development of aesthetic judgment, including the criteria for appraising visual forms and for arriving at personal preferences and opinions.

All students can benefit from the experience of expressive and spatial learning that an art course provides. Students who are planning to major in art should include the sequence of workshop courses in their yearly schedules. Instructors of these courses will assist students with the preparation of the portfolio required for post-secondary study.

Exploring Art (Grade: 9-12)  
Course Weight: College Prep  
Semester  
2 ½ Credits

This survey course offers students the opportunity to explore and become acquainted with a variety of materials. Attention is given to understanding art terminology and developing skills through practice. Areas covered are pencil, pen and ink, block printing, painting, and three-dimensional art. The object of the class is to acquaint the student with various media and with basic art concepts necessary to succeed in more advanced art classes. This course counts toward the graduation requirement for Visual and Performing Arts.

Fashion and Interior Design (Grade: 9-12)  
Course Weight: College Prep  
Semester  
2 ½ Credits

This course offers students an opportunity to explore the art of Fashion and Interior Design. Students will work on building a portfolio of 2 and 3 dimensional designs using basic elements and principles of art and design. Students will become familiar with garment and clothing details, basic figure and technical drawings, symbols used by interior designers, fabric and color choices, and terminology used by designers in the fashion and interior design industries. Students will be introduced to color theory and creating color schemes to be used when developing their own designs and collections. They will experiment with a variety of mediums including pencils, colored pencils, pens, studio markers, watercolors, patterns and fabric, paint, polytab fabric, basic sewing materials, and more. Students will also be studying and critiquing current fashion and interior design trends, the history of these designs, as well as careers in these fields. This course counts toward the graduation requirement for Visual and Performing Arts.

Fashion and Interior Design II (Grade: 9-12)  
Course Weight: College Prep  
Semester  
2 ½ Credits

Art, Business, Music, Industrial Tech, Physical Education  
English, Mathematics, Science, Social Studies, World Language
This course is a continuation of Fashion & Interior Design I. In this course students will continue to learn Fashion and Interior Design concepts through Career based projects that reflect real world Fashion and Interior Design industry creations. Students will further their drawing skills, create digital fashion and Interior Designs, and learn how to run a fashion show. They will also create accessories, work on set and costume design as well as constructing 3D Interior Design structures. They will end the course by learning how to work with textiles and further their sewing skills while keeping a portfolio of their work for college and career readiness. **This course counts toward the graduation requirement for Visual and Performing Arts and 21st Century Life and Careers.**

**Ceramics I** (Grade: 11–12)  
Semester  
Course Weight: College Prep  
2½ Credits

Methods and processes of forming clay are presented with direct experiences in hand building and modeling clay. Emphasis upon the study of form, color and texture is balanced with concern for the technical aspects of the ceramic arts including glaze composition and firing procedures. **This course counts toward the graduation requirement for Visual and Performing Arts.**

**Ceramics II** (Grade: 11–12)  
Semester  
Prerequisite: Successful completion of Ceramics I  
Course Weight: College Prep  
2½ Credits

Ceramics II offers students the opportunity to extend their ceramic and three-dimensional art experiences. Students study advanced hand building techniques, pottery design, and art history of this medium. Students are encouraged to develop a personal style and produce a ceramics dimension of their art portfolios for application for college study. **This course counts toward the graduation requirement for Visual and Performing Arts.**

**Introduction to Graphic and Communication Design** (Grades: 9-12)  
Semester  
Course Weight: College Prep  
2½ Credits

This course is designed to give students an opportunity to take on the role of a graphic/communication designer. Students taking this course will become familiar with the history of graphic design, the principles of graphic design, graphic design trends, layout procedures, the correct use of fonts, graphics, and color, visual presentation techniques for print or on screen, issues related to copyrighted images, graphic/communication design related careers, and ways to effectively critique graphic design artworks. Additionally, they will use various traditional art media, a digital camera, as well as computer software and hardware employed by graphic/communication artists in the real world, to produce projects such as brochures, logos, advertisements, billboards, book jackets, CD covers, package designs, business cards, magazine covers, movie posters, etc. As a result of taking this course, students will have a strong design sense and high level of competency in using industry related technology. **This course counts toward the graduation requirement for Visual and Performing Arts.**

**Introduction to Computer Design** (Grade: 9-12)  
Semester  
Course Weight: College Prep  
2½ Credits

This course permits students to explore the basic concepts of art studied in Introduction to Art - design, line, texture, and composition - in an emerging medium. Using modern technology which includes...
several software programs and scanners, students create computer art and animation and add new dimension to their art portfolios. Students explore topics such as digital photography, movie special effects, and careers in computer graphics and animation as well as advances in industrial uses of computer art. **This course counts toward the graduation requirement for Visual and Performing Arts.**

**Advanced Computer Design (Grade: 9-12)**

Course Weight: College Prep

Prerequisite: Successful completion of Introduction to Computer Design - Fall 2013 or later

This course provides those students who already have experience working with computer art software and hardware with an opportunity to engage in a visual problem-solving process. Students produce art on an electronic canvas using various drawing, painting, and animation program applications and equipment such as scanners, color printers, and a digital camera. Students extend their knowledge of current topics in computer graphics, including animation techniques, computer digital imaging methods, digital photography techniques, movie special effects, and elements of game design. Students also research computer artists and career possibilities in computer art. Art assignments produced for this class expand students’ portfolios by reflecting the impact of technology on the art world today and on the production of future masterpieces. **This course counts toward the graduation requirement for Visual and Performing Arts.**

**New Media Art (Grade 10, 11, 12)**

Course Weight: College Prep

This course is designed to give students the opportunity to explore using 3D printers and additional emerging technologies as a new medium of art. Students taking this course will create original and exciting artworks utilizing a combination of various technology-related equipment, 3D printed objects, as well as traditional art materials and techniques. As part of this course, students will also discover how 3D printing and other new developments in technology have impacted the artist’s production process and collections of art museums all over the world. **This course counts toward the graduation requirement for Visual and Performing Arts.**

**Introduction to Digital Photography (Grade: 10-12)**

Course Weight: College Prep

This course is designed to provide students with an opportunity to explore photography in the digital age. Students enrolled in this course will acquire an understanding of how to utilize the basic and more advanced features of a digital camera. As part of this course, students will discover how photography has changed throughout history, the various styles of well-known photographers, and ways to apply the critique process to evaluate their own work, their classmates’ work, as well as work done by famous photographers. Additionally, students will learn how to use the tools, options, and effects of various digital imaging programs, as well as a scanner, to help them produce one-of-a-kind photographic images. **This course counts toward the graduation requirement for Visual and Performing Arts.**

**Art for the School and Beyond (Grade: 9-12)**

Course Weight: College Prep

This community service course is designed to give students an opportunity to produce various types of artistic creations for the purpose of making a beneficial difference in the high school and surrounding communities. As part of this course, students will create projects such as: programs for school plays and concerts, event posters, wall murals, photographic images, greeting cards, ceramic works, papier-mâché puppets, outdoor chalk art, etc. The focus of these project assignments will be to make a positive impact on
the lives of individuals at the school and people in our communities. Through reflection and active participation, students will come to realize that their creative actions can make a difference in their school and the world in which they live. **This course counts toward the graduation requirement for Visual and Performing Arts.**

**2D and 3D Design (Grade: 10–12)**  
Course Weight: College Prep  
Course Weight:  College Prep  
5 Credits

This course offers students an opportunity to explore working with a variety of two dimensional, as well as three-dimensional art mediums. Emphasis is upon in-depth work in materials such as pencils, acrylics, sculpture, clay, metal, fibers, paris craft, etc. Students seeking to pursue art as a career should take this course as part of the sequence leading to **Art Portfolio**. This course is also open to students who desire to continue building their art skills and knowledge. **This course counts toward the graduation requirement for the Visual and Performing Arts.**

**Drawing and Painting Workshop (Grade: 10-12)**  
Course Weight: College Prep  
Course Weight:  College Prep  
5 Credits

This course is designed to provide guidance to both the beginner and advanced students in developing their drawing and painting skills through structured practice exercises. Students will become familiar with the basics of drawing and drawing materials and then move into painting foundations. Beginning drawing and painting techniques and theories will be introduced. Basic art history, the elements and principles of design, and art critique will also be key components of the student-centered projects. This course is open to students who desire to continue building their art skills and knowledge of drawing and painting. **This course counts toward the graduation requirement for Visual and Performing Arts.**

**Studio Art (Grade: 11-12)**  
Course Weight: College Prep  
Course Weight:  College Prep  
5 Credits  
Prerequisite: 2D and 3D Design or Drawing and Painting Workshop, and a teacher recommendation

Studio Art offers interested students an opportunity to explore various media and art concepts in an in-depth manner. In this course, students begin creating and collecting major works of art for portfolio inclusion. Independent study is a significant focus of this class. Students are encouraged to develop a personal style through student-driven creations. Art history and critique will be thoroughly explored. This course is open to all students seeking to continue building art skills and knowledge. Students interested in pursuing a career in the arts are strongly advised to select this course as it is part of the progression of classes for career-bound art students. **This course counts towards the graduation requirement for Visual and Performing Arts.**

**Art Portfolio Honors (Grade: 11–12)**  
Course Weight: Honors  
Course Weight:  Honors  
5 Credits  
Prerequisite: Studio Art and a teacher recommendation

This is the course where students continuing their education in the arts develop and prepare their final portfolios for presentation to a university or art school. They will be shown exactly what types of work art schools seek and will be required to photograph their strongest pieces for professional review. Students will concentrate on the weakest components in their current collection of work, in order to complete a well-rounded art portfolio. Major art movements and artists will be reviewed and studied in-depth. Professional art critique and analysis will be a major component of this class. **This course counts toward the graduation requirement for Visual and Performing Arts.**
BUSINESS AND INFORMATION TECHNOLOGY DEPARTMENT
COURSE SEQUENCE

ACCOUNTING
- Accounting I
- Accounting II Honors

MARKETING
- Marketing Strategies I
- Marketing Strategies II Honors
- Marketing and Advertising Communications
- Fashion Marketing and Management
- Sports and Recreation Marketing
- Social Media Marketing

BUSINESS MANAGEMENT
- Business Law
- International Business
- Introduction to Business
- Lenape Valley Entrepreneurs

INFORMATION TECHNOLOGY
- Web Page Design
- Advanced Web Page Design
- Video Game Design and Development
- E-Commerce
- Video Editing and Multimedia
- Python Coding

COOPERATIVE EDUCATION
BUSINESS AND INFORMATION TECHNOLOGY DEPARTMENT
COURSE OFFERINGS

The Business and Information Technology Department offers a wide variety of courses designed for students who plan to continue study in business or related fields in college, students who plan immediate post-high school employment, and students who wish to develop business skills for lifelong personal use. The department identifies the following proficiencies for all students who select Business and Information Technology offerings:

- Knowledge of the varied skills and proficiencies required by business occupations.
- Identification of opportunities that exist in business occupations as part of future career planning.
- Development and frequent modification of a personal inventory of business skills.
- Opportunity to work in a classroom environment with current business technologies.
- Opportunity to apply business and information technology from classroom learning to practical applications such as DECA and FBLA regional, state and national competitive events.

Freshmen Seminar (Grade: 9) Semester
Course Weight: College Prep 2½ Credits

This course is designed to help freshmen transition into high school life successfully. It provides them with new opportunities for academic enrichment and assistance, as well as the chance to improve on already learned skills. The following units of study will be covered: strategies that empower students to be more organized, more confident, and more successful in school; public speaking and communication; Google Apps for Education and the Media Center databases. **This course counts towards the graduation requirement for 21st Century Life and Careers.**

Web Page Design (Grades: 9-12) Semester
Course Weight: College Prep 2½ Credits

This course is designed to give students a basic introduction to HTML and the creation of web pages. Students will be able to read, write, and edit HTML coding. They will learn how to create, edit, manage, and upload their own web pages onto the Intranet. The course will also explore the basics of the software program Dreamweaver, in the Adobe CS6 suite. Course content is sufficiently flexible to accommodate the rapid changes in technology. **This course counts towards the graduation requirement for 21st Century Life and Careers.**

Advanced Web Page Design (Grades: 9-12) Semester
Weight: College Prep 2½ Credits
Prerequisite: Successful completion of Web Page Design

Art
English

Business
Mathematics

Music
Science

Industrial Tech
Social Studies

Physical Education
World Language

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This course provides a practical application learning experience for those students who have completed Web Page Design. Students will focus on maintaining and updating a real-life web page on the Intranet. They will receive instruction in advanced design and layout techniques using higher-level features of the Dreamweaver, within the Adobe CS6 software package. This course counts towards the graduation requirement for 21st Century Life and Careers.

**E-Commerce** (Grades: 9-12) Semester 2½ Credits

E-Commerce is rapidly taking its place as a standard mode of doing business. Traditional, established firms as well as new business start-ups are creating E-Business web sites and mobile marketing sales applications. This course teaches students how to conduct business online and the technological issues associated with constructing an electronic-commerce web site. Students will implement a genuine transaction-enabled business-to-consumer web site, examine strategies and products available for building electronic-commerce sites, examine how such sites and applications are managed, and explore how they can complement an existing business infrastructure. This course counts towards the graduation requirement for 21st Century Life and Careers.

**Video Game Design and Development** (Grades: 9-12) Semester 2½ Credits

This course is designed to give students a sense of design and art, plus the technical know-how to build an exciting video game. It is an appropriate starting point for students who seek a professional career as a game developer. It is also well-suited for enthusiastic amateurs and gamers looking to explore this exciting field. No prior game or graphics programming experience is necessary. Students work with a game engine software framework to design and implement several kinds of games. Additional topics include animation techniques, physics simulation, user controls, graphical methods, and intelligent behaviors. The course includes a final project. This course counts towards the graduation requirement for 21st Century Life and Careers.

**Video Editing and Multimedia** (Grades: 9-12) Full Year 5 Credits

Video Editing and Multimedia is a laboratory-based course designed to provide an overview of an experience in multimedia technology. Sounds, images, graphics, animation, and video are the informational resources from which students will construct media rich knowledge structures. Students will develop necessary skills and obtain hands-on experiences working with a variety of multimedia tools to build interactive projects. The emphasis of this course is the production of individual and/or group projects. Macromedia Director and various Adobe software programs are used. This course counts towards the graduation requirement for 21st Century Life and Careers.

**Python Coding** (Grades: 10-12) Full Year 5 Credits

This course is designed to offer an introduction to computer science. Students will learn the basics of computer programming along with the basics of computer science. The material emphasizes computational thinking and helps develop the ability to solve complex problems. This course covers the basic building blocks of programming along with other central elements of computer science. It gives a foundation in the tools used in computer science and prepares students for further study in computer science. The course allows students to work independently in text-based Python. The course also includes a career focus, where at the end of units, students meet (via videos) individuals from different industries.
who work in coding (medicine, music, etc.). **This course counts towards the graduation requirement for 21st Century Life and Careers.**

**Accounting I (Grades: 9-12)***
Course Weight: College Prep 5 Credits

This course presents the principles and procedures that guide the recording, classifying, summarizing, and interpreting of financial data for a business enterprise. Students in the course move through the accounting cycle: analyzing business documents, journalizing, posting, preparing financial statements, determining profit or loss, and maintaining a checkbook. Experiences are designed to determine the student’s interest in and aptitude for accounting as an entry-level occupation and as a possible college major. Computerized accounting procedures will be introduced. **This course counts towards the graduation requirement for 21st Century Life and Careers.**

**Accounting II Honors (Grades: 10-12)**
Course Weight: Honors 5 Credits
Prerequisite: Successful completion of Accounting I.

Building upon the fundamental principles acquired in College Prep Accounting I, students in this second-year course study more advanced strategies: cost accounting methods, budgeting, reporting, analysis of operations, departmental accounting, and partnership and corporate accounting. Instruction emphasizes the analysis and interpretation of records and financial reports. Computerized accounting procedures will be emphasized. **This course counts towards the graduation requirement for 21st Century Life and Careers.**

**Marketing and Advertising Communications (Grades: 9-12)**
Course Weight: College Prep 2 ½ Credits

Marketing and Advertising Communications will include the study and development of integrated marketing communication campaigns for advertising, public relations, direct marketing, and sales promotion. Within the format of project-based learning students will demonstrate advanced computer operation and application skills by creating and publishing products related to real-world situations. Projects will cultivate higher thinking levels of proficiency in computer skills and applications. Through collaboration students will develop media plans and special events and write print ads and associated materials. **This course counts towards the graduation requirement for 21st Century Life and Careers.**

**Social Media Marketing (Grades: 11-12)**
Course Weight: College Prep 2 ½ Credits

The importance of social media for businesses and organizations is no longer questioned, it has become a worldwide trend allowing for businesses and organizations to connect and engage with customers. The Social Media Marketing course will cover the concepts and applications of social media marketing and will equip students with the necessary skills to plan and implement a successful social media marketing strategy. **This course counts towards the graduation requirement for 21st Century Life and Careers.**

**Marketing Strategies I (Grades: 9-12)**
Course Weight: College Prep 5 Credits
Students learn the marketing principles of manufacturing, promotion, advertising, and selling of everyday consumer products as well as the role of marketing in our free enterprise system. As part of their learning laboratory in the field of marketing, students in this course participate in DECA (Distributive Education Clubs of America). Participation in DECA is mandatory and requires payment of membership dues and attendance at academic competitions. This course counts towards the graduation requirement for 21st Century Life and Careers.

Marketing Strategies II Honors (Grades: 10-12)  Full Year
Course Weight: Honors  5 Credits
Prerequisite: Successful completion of Marketing Strategies I.

Students are provided with an in-depth study of marketing and advertising principles. Topics covered include price planning, physical distribution, pricing calculations, marketing research, and retail sales promotion. Enrolled students continue their mandatory participation in DECA (Distributive Education Clubs of America) which includes membership dues and attendance at academic competitions. This course counts towards the graduation requirement for 21st Century Life and Careers.

Fashion Marketing and Management (Grades: 9-12)  Semester
Course Weight: College Prep  2½ Credits

This course is designed for students interested in the fashion industry as it relates to the merchandising of fashion and management opportunities. Topics include an overview of the fashion industry, evolution and movement of fashion, merchandising, risk management, promotion, fashion show production, and career development. Participation in DECA (Distributive Education Clubs of America) is suggested in this course. This course counts towards the graduation requirement for 21st Century Life and Careers.

Sports and Recreation Marketing (Grades: 9-12)  Semester
Course Weight: College Prep  2½ Credits

Sports and recreation marketing are among the fastest growing fields in American business. Through project-based learning activities and case studies, students will gain insight into the marketing of tournaments, concerts, and recreational events. Students will explore these fields as occupational opportunities. Participation in DECA (Distributive Education Clubs of America) and/or FBLA (Future Business Leaders of America) is suggested in this course. This course counts towards the graduation requirement for 21st Century Life and Careers.

Business Law (Grades: 9-12)  Semester
Course Weight: College Prep  2½ Credits

This elective provides an introduction and overview of the legal environment of business. Students will gain knowledge of the historical development of legal institutions, coverage of business-related torts and contracts, product liability, real and personal property, and the impact of the law upon business decision-making. This course will address the core curriculum content standards in technology, critical thinking, decision-making, and problem-solving. This course counts towards the graduation requirement for 21st Century Life and Careers.

Introduction to Business (Grades: 9-12)  Semester
Students are provided with an introduction to business, including supply and demand, pricing, purchasing, staffing, market research, promotion, financing, merchandising, security and financial statements. Lessons will be primarily based on a simulated convenience store located within a simulated marketplace in which students exercise control over business-making decisions. Students will compete with one-another for customers based on their business decisions. **This course counts towards the graduation requirement for 21st Century Life and Careers.**

**International Business (Grades: 9-12)** Semester
Course Weight: College Prep 2½ Credits

This course explores ways in which business is affected in areas such as accounting, finance, marketing, and operations in an international context. Students will be introduced to the interrelationships of different countries’ political and economic policies and business practices, including cultural, educational, political and economic restraints. Emphasis will also be placed on international financial and trade agreements and their impact from a competitive and collaborative perspective. Students will also gain global awareness, notably an understanding of the challenges and issues facing multinational corporations. **This course counts towards the graduation requirement for 21st Century Life and Careers.**

**Lenape Valley Entrepreneurs (Grades: 11-12)** Semester
Course Weight: College Prep 2½ Credits

Prerequisite: Successful completion of at least one of the following courses: Accounting 1, Sports and Recreation Marketing, Marketing Strategies 1, Intro. to Business, International Business, Web Page Design, Marketing and Advertising Communications, Video Editing and Multimedia, Business Law, E-Commerce, or Social Media Marketing.

This course is designed to simulate a business that imitates the real world. The business is created by students and functions like a real company. Students interact with other high school and college classes that have their own established businesses to exchange products and services. Money transactions are simulated through a bank run by the International Business Firm at Mercer County Community College. Students in this class will incorporate their business, write mission and vision statements, conduct market and product research, analyze financial needs, and make financial projections. They will develop organizational procedures and processes and develop advertising and promotional materials for their company. **This course counts towards the graduation requirement for 21st Century Life and Careers.**

**Cooperative Education (Grade: 12)** Full Year
Course Weight: College Prep 20 Credits

**This course counts towards the graduation requirement for 21st Century Life and Careers.**

Deadline for applications is March 15th.

Cooperative education is a structured method of combining classroom-based education with practical work experience. A cooperative education experience, commonly known as “co-op”, provides academic credit for structured job experience. Cooperative education is taking on new importance in helping young people to make the school-to-work, service, and experiential learning initiatives. By combining classroom experience with work experience, students are able to make informed career decisions and interact with professionals in their field.
Included in the career preparation area are job searching, resumes, understanding paychecks, dealing with different bosses and co-workers, how to work as part of a team, workplace communications, worker accountability and productivity, safety in the workplace, and ethics in the workplace.

The 20 total credits that compose the Cooperative Education experience consists of one 5-credit Cooperative Education Course and one 15-credit work experience.

Program requirements:
- Students must be seniors who are at least 16 years of age.
- Students must obtain a signed permission form from the parents/guardians to participate.
- Students must work a minimum of 15-18 hours per week to satisfy release from school for cooperative education.
- Students selected for this course shall have exhibited traits of good grades, good citizenship, and attendance and are subject to the approval of the coordinator and administration.
- Employment must be secured within two weeks after the start of school.
- Students would be required to provide their own transportation.
- The following jobs are prohibited:
  - Pumping gas
  - Delivery jobs
  - Out of state employment
  - Serving alcohol
- Participation in DECA (Distributive Education Clubs of America) is suggested in this course.

Successful completion of the course provides the student with 15 credits for the year. Loss of employment that results in unemployment for a cumulative period that totals more than five weeks will result in a loss of credit for the program.
ENGLISH DEPARTMENT
COURSE SEQUENCE

**Grade 9**
- English I Honors

**Grade 10**
- English II Honors

**Grade 11**
- AP English III: Language and Composition

**Grade 12**
- AP English IV: Literature and Composition
- SUPA English (Fall/Spring)

**Electives**
- Drama
- Drama: Scene Study
- Drama: Technical Theater
- Film Studies
- Communications
- Creative Writing: Fiction and Poetry
- Journalism
- Journalism Workshop Honors

**Senior English Options (Spring)**
- Modern Fiction
- Myth in the Modern World
- Race and Gender
- Short Story Adapted to Film
ENGLISH DEPARTMENT
COURSE OFFERINGS

The English Department has designed courses to provide all students with a meaningful four-year study of the arts of language and learning. Students in all English classes will be expected to:

- Employ the writing process to compose in various modes for various purposes.
- Write units of discourse that demonstrate topic development, effective organization, appropriate vocabulary and stylistic choices, and clear language use.
- Read, respond to, and analyze works of literature drawn from different genres, cultures, and time periods.
- View, understand, and use non-textual visual information.
- Listen actively in a variety of situations to information from a range of sources.
- Practice formal and informal discourse for a variety of purposes and audiences in a variety of contexts.
- Develop and refine SAT vocabulary and PARCC test-taking strategies.
- Apply test-taking strategies to diverse testing purposes, with reference to critical thinking, reading comprehension, language structure, and vocabulary development.
- Use reference materials and technology to compose and to conduct research.
- Explore literature and the arts in historical contexts through interdisciplinary activities.

Students satisfy the four-year graduation requirement in this discipline by successfully completing English I, II, and III and one of the three options for English IV. Options among required grade level courses are based on an appropriate developmental sequence and offer challenging language arts literacy experiences through which students can succeed and excel. After fulfilling specified prerequisites, students may select additional electives to enhance and enrich their learning.

**English I Honors** (Grade: 9)  
Course Weight: Honors  5 Credits  
Prerequisite: Recommendation of the instructor.

English Honors I is an intensive and extensive study of literary genres and the writing process. All features of the course (reading, group discussion, study of grammar, oral presentations, critical thinking, media center orientation, writing, and research) are demanding and challenging.

**English I College Prep** (Grade: 9)  
Course Weight: College Prep  5 Credits

English I CP is designed as a college preparatory course in the different types of literature (short story, novels, drama, poetry), the study of language (grammar, usage and mechanics), media center orientation and research, composition (the writing process), and public speaking.
English II Honors (Grade: 10)  Full Year
Course Weight: Honors  5 Credits
Prerequisite: Successful completion of English I Honors or College Prep and teacher recommendation.

English II Honors is a demanding and challenging course. Through a chronological study of American literature and an intensive reading program, students complete diverse activities related to analysis of texts, group discussion, research, and the writing process.

English II College Prep (Grade: 10)  Full Year
Course Weight: College Prep  5 Credits
Prerequisite: Successful completion of English I.

English II College Prep is a college preparatory course organized around a chronological study of American Literature. In each period of development, students read and respond to literature, read corresponding non-fiction texts such as essays, journals, speeches, political cartoons, and memoirs, and study historical background. Using the writing process, students write for a variety of purposes and audiences, complete research/writing assignments, and participate in oral presentations.

English III AP ENGLISH LANGUAGE AND COMPOSITION (Grade: 11)  Full year
Course Weight: Advanced Placement  5 Credits
Prerequisite: Successful completion of English II Honors or English II College Prep and teacher recommendation.

Advanced Placement English Language and Composition is a college-level non-fiction writing course open to juniors. Students are required to analyze a variety of classic and contemporary non-fiction texts, including memoirs, essays, editorials, letters, speeches, and visual texts such as editorial cartoons, with the goal of understanding the writer’s craft. Some imaginative literature is used, but the emphasis remains on the writer’s craft rather than on literary analysis. Students develop sophistication in their writing of non-fiction, beginning with memoir and personal essay and moving to argument, including argument that requires synthesizing sources. The structure of the course follows two threads simultaneously: students read texts related to a theme, while at the same time, they thoroughly explore the craft of writing as they develop their own pieces, many of which emerge from self-generated topics. Students enrolled in this course are expected to take the Advanced Placement English Language and Composition Examination.

English III College Prep (Grade: 11)  Full year
Course Weight: College Prep  5 Credits
Prerequisite: Successful completion of English II.

English III College Prep is a college preparatory course organized around a chronological study of British Literature. In each period of development, students read and respond to literature, read corresponding non-fiction essays, journals, speeches, memoirs, and study the historical background. Using the writing process, student will write for a variety of purposes and audiences and will complete a major research/writing assignment.

English IV (Option 1): Advanced Placement English

Advanced Placement English Literature and Composition (Grade: 12)  Full Year
Course Weight: Advanced Placement  5 Credits
Prerequisite: Successful completion of AP English Language and Composition or English III College Prep and teacher recommendation.

Advanced Placement English Literature and Composition surveys the history of ideas through a thematic approach to literature. The relationship of ideas is emphasized by exploring diverse literature representing a variety of cultures, ethnicities, decades, and genres. In this rigorous course, students are expected to complete lengthy readings, frequent writing assignments using the writing process, and discussion guide sheets. Students prepare for and take the Advanced Placement Examination. Students enrolled in this course are expected to take the Advanced Placement English Literature and Composition Examination.

**English IV (Option 2): Syracuse University Project Advance (SUPA) English**

**Two Semester Courses:**
Prerequisite: Successful completion of English III AP English Language and Composition or English III College Prep and teacher recommendation.

Syracuse University Project Advance is a cooperative program with Syracuse University that allows high school students to enroll in Syracuse University courses. The Project Advance program enables high school students to gauge their ability to do college work prior to full-time college enrollment. Students who enroll in a SUPA course pay a fee which allows them, upon successful completion of the course, (a grade of “C” or better), to earn a maximum of 3 college credits for each course from Syracuse University. Upon successful completion of a Syracuse University course, students are awarded SU transcripts that record credits earned. Courses should not be taken independently; Students should enroll in both of these courses to satisfy their senior English graduation requirement.

**Practices of Academic Writing (Grade 12) Semester Year**
Course Weight: Advanced Placement 2½ Credits
3 College Credits

This course teaches students strategies of critical academic writing in various genres, including analysis, argument, and researched writing. The course challenges students to understand that effective communication requires people to be aware of the complex factors that shape every rhetorical context, including issues of power, history, difference, and community; and that writing as a process involves reflection and revision. This writing course is a site of active learning where students have responsibility for their own progress and for that of their peers. Students write formal papers for each major unit, in addition to various informal writing assignments and a culminating portfolio.

**Writing Culture: Introduction to Creative Nonfiction (Grade 12) Semester**
Course Weight: Advanced Placement 2½ Credits
3 College Credits

Prerequisite: Successful completion of Practices of Academic Writing

This course allows students to experiment with creative writing in a nonfiction context. Students will read and critically reflect on varieties of creative nonfiction, such as memoir; biography; the personal essay; travel, science, and food writing; and “new journalism.” Creative nonfiction borrows elements from fiction and poetry yet still aims to tell the truth. Students will have the opportunity to experiment with style, genre, and subject in a writing studio environment where they will write frequently and engage in researched writing projects of their own.

**English IV (Option 3):**
Taken in the fall of senior year, all seniors not enrolled in Practices of Academic Writing or AP English Literature and Composition must take the following semester course.

**Introduction to Academic Writing** (Grade: 12) Semester
Course Weight: College Prep 2½ Credits
Prerequisite: Successful completion of English III

This course introduces students to various strategies of academic writing in multiple genres, including analysis, argument, and researched writing. The course requires students to investigate specific topics of inquiry and understand that effective writing is a process that involves reflection and revision. This writing course will use a workshop format where students have responsibility for their own progress as well as the progress of their peers. Students write formal papers for each major unit, in addition to various informal writing assignments and a culminating portfolio.

**Modern Fiction College Prep** (Grade: 12) Semester
Course Weight: College Prep 2½ Credits

Plays, short stories, and short novels from various countries will be selected for reading, discussion, and critical response. Students will analyze character, plot, setting, point of view, and theme. These elements of fiction will be researched for written assignments.

**Myth in the Modern World College Prep** (Grade: 12) Semester
Course Weight: College Prep 2½ Credits

Myth in the Modern World consists of myths, hero-tales, and fairy tales which represent a society's basic cultural and oral values recorded in literary form. Students will examine the basic mythologies generated by diverse cultures (Greece, Rome, Scandinavia, Asia, American Indian, etc.) as well as the works of Joseph Campbell. Students will also explore the hero's journey through films such as *Star Wars*, *Indiana Jones*, and *Lord of the Rings*. Students will trace parallel elements to show the basic kinship between peoples in spite of superficial differences. Such study affords the students a better understanding and appreciation of different cultures and a familiarity with mythology's vast and varied influence on our language, literature, and lifestyle.

**The Short Story Adapted to Film College Prep** (Grade: 12) Semester
Course Weight: College Prep 2½ Credits

Many of film's finest achievements have their origins in the genre of the short story. The Short Story Adapted to Film focuses on the stories which have become the basis for films over the past century, spanning the early classic works of the silent film era through contemporary giants of the cinema such as Spielberg, Kubrick, Capra, and Ford. Authors such as Hemingway, Cheever, Faulkner, Chekhov, Oates, Orr, Carver and Chopin will be studied with an eye to comparison of the original work with its film adaptation. Elements of fiction such as point of view, theme, plot, characterization, irony and setting will be analyzed in both genres. In addition, the nature of the influence of directors, actors, designers and production personnel will be scrutinized for both positive and detractive effects. Insights into the process of turning a short story into a screenplay will be made through research. The culminating project will be a proposal for a film adaptation of an existing short story.

**Advanced Placement Capstone Seminar** (Grade: 10-12) Full Year
AP Seminar is a yearlong course in which students investigate real-world issues from multiple perspectives. Students learn to synthesize information from different sources, develop their own perspectives in research-based written essays, and design and deliver oral and visual presentations, both individually and as part of a team. During the course, students complete a team project and an individual paper and presentation, as well as take a written end-of-course exam. These components contribute to the overall AP Seminar score. *Required if earning a Capstone Diploma.

Advanced Placement Capstone Research (Grade: 11-12) Full Year
Course Weight: Advanced Placement 5 Credits
Prerequisite: Successful completion of AP Capstone and concurrent enrollment in AP courses

AP Research lets 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. The course ends with a 4,000- to 5,000-word academic paper and a presentation with an oral defense which contribute to the overall AP Research course. There is no end-of-course exam. *Required if earning a Capstone Diploma.

ELECTIVES

These elective courses do not fulfill the English requirement for graduation.

Creative Writing: Fiction and Poetry (Grades: 11-12) Semester
Course Weight: College Preparatory 2 ½ Credits

This course introduces students to the essential elements of writing fiction and poetry. Students will read and study the works of classic and contemporary masters in order to craft their own original creations. Students will participate in collegiate-style writing workshops and learn the business of creative writing, including the world of literary magazine publishing. This course will ultimately enable students to publish their work in the school’s literary magazine *Mind Carpenter*, as well as professional publications and contests. This course counts towards the graduation requirement for Visual and Performing Arts.

Communications (Grades: 10-12) Semester
Course Weight: College Prep 2½ Credits

Communications will help students understand basic communication principles and improve their oral communication skills. Students will prepare, select, organize, and deliver oral messages, as well as analyze and evaluate the speaking-listening process in a variety of settings. This course counts toward the graduation requirement for Visual and Performing Arts and 21st Century Life and Careers.

Dramatics (Grades: 9-12) Semester
Course Weight: College Prep 2½ Credits

Dramatics provides practical experience in acting, staging and directing on a stage. The process is organized as a group effort to be experienced by all students in the class. In addition, students study the
history, terminology, and recent developments of the theater, motion pictures, and television. **This course counts toward the graduation requirement for Visual and Performing Arts.**

**Drama Seminar: Scene Study** (Grades: 9-12)  
Semester  
Course Weight: College Prep  
2½ Credits  
Prerequisite: Successful completion of Dramatics.

Drama Seminar: Scene Study offers the student an opportunity to extend the knowledge of scene study and historical periods begun in Dramatics. In this sequel course, students will refine their skills of scene interpretation and explore elements of characterization, costuming, and scene design. **This course counts toward the graduation requirement for Visual and Performing Arts.**

**Drama Seminar: Technical Theater** (Grades: 9-12)  
Semester  
Course Weight: College Prep  
2½ Credits  
Prerequisite: Successful completion of Dramatics.

Drama Seminar: Technical Theater permits students to work with three aspects of theatrical design: lighting, sound, and video production. Enrolled students work in conjunction with the students in the Drama Seminar: Scene Study course to create actual scene productions. The tech theater students create the theater planning, lighting production, and sound and video components of the scene study assignments. **This course counts toward the graduation requirement for Visual and Performing Arts.**

**Film Studies** (Grades: 10-12)  
Semester  
Course Weight: College Prep  
2½ Credits

Film Studies examines both the development of film and literary elements which are employed by film makers and screen writers. Students will view films in their entirety, as well as key scenes in films, in order to observe, discuss and critique the evolution of film, literary techniques, and special effects. Through the use of film, students will gain a greater appreciation for character, plot and theme development as well as an understanding of techniques used by film makers to make an impact on the viewer. Students will complete a number of assignments including oral and written reports, movie reviews, and an introduction to screenplay writing. **This course counts toward the graduation requirement for Visual and Performing Arts.**

**Journalism** (Grades: 10-12)  
Full Year  
Course Weight: College Prep  
5 Credits  
Prerequisite: Successful completion of Journalism.

Journalism provides the opportunity for students to study journalistic responsibility, the writing process in story reporting, and the mechanics of producing a publication. Emphasis is upon distinguishing between different reporting processes and upon the fundamentals of clear, effective, and correct writing. **This course counts towards the graduation requirement for 21st Century Life and Careers.**

**Journalism Workshop Honors** (Grades: 11-12)  
Full Year  
Course Weight: Honors  
5 Credits  
Prerequisite: Successful completion of Journalism.

Journalism Workshop Honors provides a second-year classroom experience for those students who have completed Journalism and who assume full responsibility for the production of all issues of the school newspaper. Through this workshop, students gain proficiency in the technology of news coverage, the
selection of information sources, copy editing, editorial management, production, and design. This course counts towards the graduation requirement for 21st Century Life and Careers.
INDUSTRIAL TECHNOLOGY DEPARTMENT
COURSE SEQUENCE

Grade 9

- STEM Academy
  (formerly Intro to CAD)
- Engineering & Robotics
- Architecture Design
  (formerly CAD 3)
- Mechanical Design and Fabrication

Grade 10

- Inventors’ Studio Workshop
  (formerly CAD IV)

Grade 11

- Honors Inventors’ Studio Workshop
INDUSTRIAL TECHNOLOGY DEPARTMENT
COURSE OFFERINGS

The Industrial Technology program offers course sequences in technical and architectural drafting. These courses blend academic training and practical, hands-on laboratory experiences. The program encourages all participants to develop marketable skills, prepare for further education, and gain consumer knowledge. All students enrolled in these courses work to meet the following proficiencies:

- To develop an understanding of drafting/design industry, including technology, organization, operations, products, and occupational opportunities.
- To master the skills of the drafting and design field using the AutoDesk Academy software.
- To acquire and refine the basic principles of design and the recognition of quality workmanship.
- To develop an appreciation for problem-solving and the use of time management practices.

**STEM Academy** (Grades: 9-12)  
Semester  
Course Weight: College Prep  
2½ Credits

This course provides an introduction to STEM design processes as well as hands on experiences with industry standard software, machinery, and equipment. Students will explore all aspects of the design process from concept to completion. This course will give our students a strong foundation to be successful as they move forward towards a STEM related career. Software will include AutoCAD and Inventor. **This course counts toward the graduation requirement for 21st Century Life and Careers.**

**Engineering & Robotics** (Grades: 9-12)  
Semester  
Course Weight: College Prep  
2½ Credits  
Prerequisite: Successful completion of STEM Academy

This course is a continuation of our STEM Academy. Students who choose this path will be exposed to new software, machinery, and equipment that they did not use in Academy. Students will be asked to explore a different STEM related path. For example, if our student focused on laser cutting and CNC mill in Academy, they will be encouraged to explore 3D printing, stress test, and aerodynamics. Students will continue to explore all aspects of the design process from concept to completion. By the completion of this course, our students will have built on their prior knowledge and have a clear understanding of several different STEM career paths. Software will include AutoCAD, Inventor, and Solidworks. **This course counts toward the graduation requirement for 21st Century Life and Careers.**

**Architecture Design** (Grades: 9-12)  
Full Year  
Course Weight: College Prep  
2.5 Credits  
Prerequisite: Successful completion of STEM Academy

This course is designed to develop students’ knowledge of various theories of projection, scale, surveying, and the more intricate commands of the AutoDesk software. Students will produce architectural working drawings of a variety of structures, each becoming more complex and challenging; study a site as
they learn survey skills; digitally model a surveyed site and place a structure on it; experience the production of a 3-D model of a house; and present their work to their peers. Software will include AutoCAD and Revit. **This course counts toward the graduation requirement for 21st Century Life and Careers.**

**Mechanical Design and Fabrication** (Grade: 9-12)  
Course Weight: College Prep  
Semester  
Prerequisite: Successful completion of STEM Academy  
2½ Credits

This course is a continuation of our STEM Academy. Students who choose this path will be exposed to new software, machinery, and equipment that they did not use in Academy. Students will be asked to explore a different STEM related path. For example, if our student focused on laser cutting and CNC mill in Academy, they will be encouraged to explore 3D printing, stress test, and aerodynamics. Students will continue to explore all aspects of the design process from concept to completion. By the completion of this course, our students will have built on their prior knowledge and have a clear understanding of several different STEM career paths. Software will include AutoCAD, Inventor, and Solidworks. **This course counts toward the graduation requirement for 21st Century Life and Careers.**

**Inventors’ Studio Workshop** (Grade: 10-12)  
Full Year  
Course Weight: College Prep  
5 Credits  
Prerequisite: Engineering & Robotics or Architecture Design or Mechanical Design and Fabrication

This is the precursor course to our Inventors Studio Workshop Honors students. This course is the introduction to a college level design studio. While directed and guided by the instructor, Students will be exposed to state level competitions and the beginning of college level problem solving. Students will begin to focus on areas of interest, but still have the freedom to explore other STEM disciplines. By the end of this course, students will present a comprehensive solution that will include sketches, working drawings, presentation diagrams, and a physical model. Students will also be welcome to use the equipment in our STEM Lab. This will give them the opportunity to try equipment that they may have not tried before. Students in this class will be encouraged to compete at a state level in a STEM event. Software will include AutoCAD, Inventor, Solidworks, Photoshop, and Illustrator. **This course counts toward the graduation requirement for 21st Century Life and Careers.**

**Honors Inventors’ Studio Workshop** (Grade: 11-12)  
Full Year  
Course Weight: Honors  
5 Credits  
Prerequisite: Inventors’ Studio Workshop

This is the honors capstone course for our Inventors Studio students. This course is structured as a college level studio in order to prepare and ease our students into their future. Students will be challenged with design problems that relate to their area of focus. They will also have the freedom to explore a problem of their choosing and present a comprehensive solution that will include sketches, working drawings, presentation diagrams, and a physical model. Students will also be welcome to use all of the equipment in our STEM Lab to create and innovate solutions, projects, and models. Students in this class will be encouraged to compete at the state level in a STEM event. Software will include AutoCAD, Inventor, Solidworks, Photoshop, and Illustrator. **This course counts toward the graduation requirement for 21st Century Life and Careers.**
MATHEMATICS DEPARTMENT
COURSE SEQUENCE

Grade 9           Grade 10           Grade 11           Grade 12

- Algebra 2H
- Pre-Calculus Honors
- Geometry Honors
- Algebra 2 CP or Honors
- Algebra 1 CP
- Geometry CP or Honors
- Algebra 2 CP or Honors
- Pre-Calculus CP
- AP Calculus (AB)
- Elementary Calculus
- Pre-Calculus Honors
- Pre-Calculus Honors
- AP Calculus (BC)
- AP Statistics
- AP Calculus (AB)
- AP Statistics
- AP Calculus (AB)
- Elementary Calculus
- AP Statistics
- AP Calculus (AB)
- Elementary Calculus
- AP Statistics
- AP Statistics
- AP Calculus (BC)
- AP Calculus (AB)

- Pre-Calculus CP
- Trigonometry
- Contemporary Math
- Statistical Reasoning in Sports
- AP Calculus (AB)
- AP Calculus (AB)
The Mathematics Department provides all students with courses through all high school grades that are designed to reinforce basic computational operations, introduce central mathematical concepts, and refine mathematical reasoning and problem-solving skills. The following proficiencies developed by the department reflect these three focuses:

- To demonstrate accuracy and facility in performing fundamental mathematical operations.
- To analyze and solve problems of varying types and degrees of difficulty.
- To develop an understanding of the nature and structure of mathematics that enables the student to apply principles and concepts in new contexts.

All students must successfully complete four years of mathematics to be eligible for graduation. The department, therefore, offers multiple levels of study in the discipline and encourages students to select the appropriate level for their learning each year. If a student fails a mathematics course they must attend summer school in order to graduate on time with their class. The department recommends that students planning to major in mathematics, the sciences or engineering in college complete a rigorous four-year sequence.

<table>
<thead>
<tr>
<th>Course Level</th>
<th>Prerequisite</th>
<th>Course Description</th>
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</thead>
<tbody>
<tr>
<td>Algebra 1 CP (Grade: 9)</td>
<td>Successful completion of Algebra I.</td>
<td>College Prep 5 Credits</td>
</tr>
<tr>
<td>Geometry CP (Grades: 10)</td>
<td>Successful completion of Algebra I.</td>
<td>College Prep 5 Credits</td>
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</tbody>
</table>

Honors Geometry is offered to those students who have demonstrated ability, curiosity, and perseverance during their study of Algebra I. This course parallels the course in Geometry but explores the various topics in greater depth and requires more rigorous thinking by the students.

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<tr>
<th>Course Level</th>
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<tbody>
<tr>
<td>Geometry Honors (Grades: 9–10)</td>
<td>Successful completion of Algebra I.</td>
<td>Honors 5 Credits</td>
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</tbody>
</table>

This course covers the basic fields of plane, solid and coordinate geometry. The first part of the year introduces fundamental definitions, properties, and procedures used in analyzing and solving problems deductively rather than just by induction. In addition, an appreciation of the necessity for logical thinking and orderly methods of solving problems is developed. As the year progresses, more and more algebra is brought
into the course. Students find with increasing frequency that they apply the principles developed during the year. Finally, the correlation of algebra and geometry is studied in the units on coordinate geometry. The interchange between the two courses is studied and the students develop the ability to change from one field to the other.

**Algebra 2 Honors** (Grades: 9–10)  
Course Weight: Honors  
Prerequisite: Successful completion of Algebra I and Geometry Honors or Geometry.

In general, this course is comparable to Algebra 2 but offers a greater depth of study and a planned enrichment of the course. During the year, students develop an understanding of algebra as a structure of the systems of real and complex numbers. The role of deductive reasoning in algebra and trigonometry is emphasized, while the concept of function and its importance in mathematics is gained. The idea of inverse functions is introduced with exponents and logarithms. If time permits, conic sections are explored graphically and algebraically, while circular functions, oblique triangles, and trigonometric equations are a part of the unit on trigonometry.

**Algebra 2 CP** (Grades: 10–11)  
Course Weight: College Prep  
Prerequisite: Successful completion of Algebra I and Geometry. Students may not enroll in Algebra 2 until they have earned 5 credits for Algebra 1.

Topics included in this course are: equations and inequalities, systems of linear equations, polynomials and factoring, rational numbers and expressions, relations and functions, irrational numbers and quadratic equations, quadratic relations and systems, radical functions, rational equations and complex numbers, progressions, binomial expansions, and polynomial functions. Students are helped to understand algebra as a study of the structure of real and complex numbers and to recognize the techniques of algebra and trigonometry as reflections of this structure.

**Trigonometry CP** (Grade: 12)  
Course Weight: College Prep  
Prerequisite: Successful completion of Algebra 2.

This course is designed for seniors who have completed Algebra 2 and who do not plan to study Calculus as college freshmen. Students develop the concepts and skills necessary for further mathematics courses through the study of right triangle trigonometry, trigonometric identities, graphs of trigonometric functions, and the unit circle. Use of a scientific calculator is an essential feature of this course.

**Pre-Calculus Honors** (Grades: 10–11)  
Course Weight: Honors  
Prerequisite: Successful completion of Algebra 2 Honors or Trigonometry.

This course is essentially one in elementary analysis and undertakes the study of functions with an emphasis on mathematical proof and mathematical structure. It is preparatory to a college level course in Calculus. Similar to Pre-Calculus, this course places greater emphasis on analysis and proof. All topics studied are covered in more depth than they are in Pre-Calculus. Topics covered include: basic logic, properties of real numbers, mathematical induction, vectors, complex numbers, polynomial functions, and concept of a limit, exponential and logarithmic functions, circular functions and trigonometric analysis. Use of a graphics calculator is an essential feature of this course. **This course may also be taken as a concurrent course with Sussex County Community College.**
Pre-Calculus CP (Grades: 11–12) Full Year
Course Weight: College Prep 5 Credits
Prerequisite: Successful completion of Algebra 2 Honors or Algebra 2 CP or Trigonometry.

The course is essentially one in elementary analysis and concerns itself with the further study of the trigonometric functions, the exponential function, the logarithmic function, analytic geometry, and topics in advanced algebra. Students who complete this course with some degree of success should be prepared for a college level course in calculus. Use of a graphics calculator is an essential feature of this course. This course may also be taken as a concurrent course with Sussex County Community College.

Contemporary Math (Grade: 12) Full Year
Course Weight: College Prep 5 Credits
Prerequisite: Successful completion of Algebra 2.

This course is designed for seniors who have completed Algebra 2 and who do not plan to study Calculus as college freshmen. Students will develop their mathematical understanding through the study of selected topics from probability, statistics, matrices, logic/symbolic logic and budgeting and finance. Use of a scientific and graphic calculator will be an essential feature of this course.

AP Statistics (Grade: 10 -12) Full Year
Course Weight: Advanced Placement 5 Credits
Prerequisite: Successful completion of Pre-Calculus, Pre-Calculus Honors, or Algebra 2 Honors with the recommendation of the teacher.

The purpose of a course in statistics is to introduce students to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. The four broad topics covered are: exploring data; sampling and experimentation, including planning and conducting a study; anticipating patterns, including the exploration of random phenomena and probability; and statistical inference. The emphasis of the course is on developing statistical thinking by presenting data and concepts in application with less theory. The course incorporates the graphing calculator and computer technology. Students enrolled in this class are expected to take the Advanced Placement Exam.

Elementary Calculus (Grade: 11 - 12) Full Year
Course Weight: College Preparatory 5 Credits
Prerequisite: Successful completion of Pre-Calculus Honors or Pre-Calculus.

This course is an advanced mathematics course for the college bound student. Topics covered will include function theory, differential and integral calculus and applications of these procedures. This course is an excellent preparation for Calculus in college and in many future careers without the pressure of preparing for the Advanced Placement Exam.

AP Calculus (AB) (Grade: 11 - 12) Full Year
Course Weight: Advanced Placement 5 Credits
Prerequisite: Successful completion of Pre-Calculus Honors or Elementary Calculus and the recommendation of the teacher.

This course is offered to those who successfully complete Pre-Calculus and are recommended for further study. This course concerns itself with the material of the calculus of functions of one independent variable and with plane analytic geometry. The program is, in fact, a college level course. Students enrolled in this class are expected to take the Advanced Placement Calculus AB Exam.

AP Calculus (BC) (Grade: 12) Full Year
Course Weight: Advanced Placement 5 Credits
Prerequisite: Successful completion of AP Calculus AB and the recommendation of the teacher.

This course is offered to those who successfully complete AP Calculus AB and are recommended for further study. This course concerns itself with all of the topics of study in AP Calculus AB, as well as functions, graphs, and limits, derivatives, integrals, and polynomial approximations and series. The program is a rigorous, advanced math course. Students enrolled in this class are expected to take the Advanced Placement Calculus BC Exam.

Statistical Reasoning in Sports (Grade: 12) Full Year
Course Weight: College Preparatory 5 Credits
Prerequisite: Successful completion of Algebra 2

This course is open to students who have completed Algebra 2 who wish to learn about statistics as it applies to sport. Students will learn about the normal curve, data display, inferencing, probability, etc. These concepts will then be applied to sports. Students will use the statistics functioning on the graphing calculator.
MUSIC DEPARTMENT
COURSE SEQUENCE

Introduction to Concert Band → Symphonic Band → Honors Symphonic Band

Freshmen Chorus → Mixed Chorus → Honors Mixed Chorus

Music Theory I → Music Theory II → AP Music Theory

OTHER ELECTIVES
History of Rock and Roll (previously Popular Music)
Musical Theatre I
Musical Theatre II
Electronic Music Technology
Introduction to Piano
Introduction to Acoustic Guitar
Wind Ensemble
The study of music at the secondary level is designed to develop students' musical perception, performance skills, and aesthetic awareness. Through classes in applied musical performance, music theory and composition, and music appreciation, the Music Department seeks to develop the following proficiencies for all students enrolled in music courses:

- The development of appropriate techniques necessary for successful musical performance (both instrument and vocal).
- The continued development of musical knowledge with regard to the elements of music (pitch, rhythm, harmony, melody, dynamics, etc.).
- The development of both an intellectual and an aesthetic awareness that should lead to a greater appreciation of music as an art form.

All students are reminded that five credits of Visual and Performing Arts classes are required for graduation. Students who are considering music as a major or minor in college should plan to include, if possible, both instrumental and vocal performance classes as well as the study of music theory and composition in their high school programs.

**History of Rock and Roll** (Grades: 9-12)  
Semester  
Course Weight: College Prep  
2½ Credits

This course was previously named Appreciation of Popular Music. This semester music appreciation course is designed to survey the influence of music on American culture and the world from the 1950's through the present day and into the future. This course is geared towards the music enthusiast through the practicing musician. With this in mind, students will explore the broad variety of music and musicians who have brought music from its classical roots to present day rock and its relatives. Students will also explore the relationship between music and culture, including significant events and conflicts. Connections between protests and musical development will be drawn through examination of lyrics and musical styles. Through viewing of and participation in concert events of varied styles, students will further understand the contributions of bands and artists. Students will engage in the analysis, performance, practice, and critique of groups, artists, and musical pieces that relate to the style being studied. This course also will look into important contemporary issues in rock and roll that requires research, critical thinking, the formation of objective opinions, and discussion. **This course counts towards the graduation requirement for Visual and Performing Arts.**

**Introduction to Concert Band** (Grade: 9-12)  
Semester or Full Year  
Course Weight: College Prep  
2 ½ or 5 Credits

This course is open to any student who has had no previous or limited experience and wishes to study a musical instrument in high school. Students receive instruction in the psychomotor and interpretive skills necessary to play a musical instrument (no stringed instruments). Small group lessons, sectional rehearsals, and after school rehearsals are all included in this course. Course requirements include attendance at lessons, rehearsals, and band performances throughout the year. **This course counts towards the graduation requirement for Visual and Performing Arts.**
Symphonic Band (Grades: 9–12)  
Course Weight: College Prep*  
Semester or Full Year  
2 ½ or 5 Credits

This course is open to all students who wish to continue the study of a musical instrument in a traditional Symphonic Band ensemble setting. A traditional Symphonic Band ensemble setting includes woodwind, brass, and percussion instruments only (no stringed instruments). Students must have at least one year of prior instrumental study. Students receive instruction in the psychomotor and interpretative skills necessary to play a musical instrument. Small group lessons, sectional rehearsals, and after school rehearsals are all included in this course. Course requirements include attendance at lessons, rehearsals, and band performances throughout the year. **This course counts toward the graduation requirement for Visual and Performing Arts.** Students who participate for 4 years will receive Honors weight for the 4th year of participation only. Honors Band students are required to either: 1) audition and participate in an after-school ensemble or honors band; 2) study band conducting with the teacher and act as a student conductor during class time; or 3) complete a written assignment mutually agreed upon by the teacher and student. These requirements must be fulfilled all four marking periods to receive Honors weight for the course.

Wind Ensemble (Grades: 10 – 12)  
Course Weight: College Prep  
Full Year  
5 Credits  
Co-requisite: Enrollment in Symphonic Band.

This course will allow students with prior musical knowledge on an instrument to participate in a small ensemble. It is open to any instrument (except strings) and would involve more advanced musical works. Students will have solo opportunities during class time and performances. Wind Ensemble will focus on musical interpretation, musical theory, musical blends, and individual tone production. Prior musical knowledge is a prerequisite of this course. **This course counts towards the graduation requirement for Visual and Performing Arts.**

Freshmen Chorus (Grade: 9)  
Course Weight: College Prep  
Semester or Full Year  
2 ½ or 5 Credits

This course is open to 9th grade students. No previous musical experience is necessary. Concepts covered will include proper vocal technique, reading music, and performance skills. Students will learn proper concert etiquette and good rehearsal practices and techniques: including posture, breathing, and diction. Emphasis will be placed on good vowel production and teamwork to create a beautiful choral sound. Course requirements include attendance at lessons, rehearsals, and participation in both the winter and spring concerts. Grade is primarily based on daily participation, written music theory, and/or singing tests, and attendance at the choral concerts. **This course counts towards the graduation requirement for Visual and Performing Arts.**

Mixed Chorus (Grades: 9–12)  
Course Weight: College Prep  
Semester or Full Year  
2 ½ or 5 Credits

Students who elect this course are taught how to sing as well as read music. They learn how to produce a good tone, sing with accurate pitch, and hold a harmony part. Good musicianship is developed through exposure to many different styles of vocal music. Course requirements include attendance at lessons, rehearsals, and participation in both the winter and spring concerts. Grade is primarily based on daily participation, written music theory, and/or singing tests, and attendance at choral concerts. **This course counts towards the graduation requirement for Visual and Performing Arts.** Students who participate for 4 years will receive Honors weight for the 4th year of participation only. Honors Chorus students are required to either: 1) audition and participate in an after-school choir; 2) study choral conducting
with the teacher and act as a student conductor during class time; or 3) complete a written assignment mutually agreed upon by the teacher and student. These requirements must be fulfilled all four marking periods to receive Honors weight for the course.

**Introduction to Piano** (Grades: 9-12)  
Course Weight: College Prep 2 ½ Credits

Students in this course do not need any previous musical experience. Concepts covered will include beginner piano lessons, reading music, and proper hand and arm techniques. Students will learn practice habits, note reading, scales, and fingerings. Students will learn solo and duet repertoires from a multitude of styles and sources. Students will also learn to play together as an ensemble. **This course meets the requirement for Visual and Performing Arts.**

**Introduction to Acoustic Guitar** (Grades: 9-12)  
Course Weight: College Prep 2 ½ Credits

Although students in this course do not need any previous musical experience, having taken Introduction to Piano is highly suggested as knowledge of piano transfers well to the guitar. Students are required to bring their own acoustic guitars to class. Concepts covered will include beginner guitar lessons, reading music, and proper finger positions for pitches, chords, and strumming. Students will learn solo and group repertoire, and learn to play together as an ensemble. **This course meets the requirements for Visual and Performing Arts.**

**Music Theory I: Introduction to Tonal Harmony** (Grades: 9-12)  
Course Weight: College Prep 2½ Credits  
Prerequisite: One year of musical instruction.

Students in this course study the basic principles of harmonic analysis as evidenced in the Western Art (Classical) Music of the Tonal period (1600 - 1900). Instruction focuses on composition and listening skills. **This course meets the requirements for Visual and Performing Arts.**

**Music Theory II: Harmony and Composition** (Grades: 9-12)  
Course Weight: College Prep 2½ Credits  
Prerequisite: Successful completion of Music Theory I

This course builds upon the material covered in Music Theory I and delves more deeply into the study of Western Art Music. More advanced composition, listening, and analytic skills form the center of instruction. Students who complete this level of music theory will have the equivalent skills of one year of college music theory training. **This course counts towards the graduation requirement for Visual and Performing Arts.**

**Advanced Placement Music Theory:**  
**Advanced Harmony and Composition** (Grades: 10-12)  
Course Weight: Advanced Placement 5 Credits  
Prerequisite: Successful completion of Music Theory II CP

This course is an advanced placement course as offered by the College Board. This class focuses on the analysis of compositional techniques used in the late nineteenth and early twentieth centuries. It builds upon the material learned in Music Theory II. Each student is required to complete a major composition using
the music notation software. Students enrolled in this course are expected to take the Advanced Placement Examination. This course meets the requirements for Visual and Performing Arts.

**Musical Theatre I** (Grade: 9-12)  
Course Weight: College Prep  
Semester  
2½ Credits

This course is a broad overview of the history, styles, works, and artists of the musical theatre genre. Students will begin to develop their skills as a triple threat through singing, acting, and dancing. Through their study of this genre, students will rehearse and perform portions for musicals as solos, duets, and ensemble pieces. Students are required to have appropriate footwear for dance. This course counts towards the graduation requirement for Visual and Performing Arts.

**Musical Theatre II** (Grade: 9-12)  
Semester  
Course Weight: College Prep  
Prerequisite: Successful completion of Musical Theatre I.  
2½ Credits

This course continues the study of the history, styles, works, and artists of the musical theatre genre but at a more advanced level. Students will develop their own repertoire. The styles and periods of musical theatre development are examined through listening/singing and presentation of the material. Audition material and singing are incorporated into the course. Students are also given opportunities to develop their own choreography. In-depth examinations of all aspects of mounting a musical theatre production are studied. Students are required to have appropriate footwear for dance. This course counts towards the graduation requirement for Visual and Performing Arts.

**Electronic Music Technology** (9-12)  
Semester  
Course Weight: College Prep  
2½ Credits

This semester course is designed to introduce students to the features and interfaces of Garage Band, Finale-2011, Secret Composer, and Avid Recording Studio. Students will learn to compose and produce their own music. With the use of Apple computers outfitted with recording and composition software and MIDI keyboards, students will be able to arrange and compose songs, edit and mix tracks, add effects, create a virtual backing band, and create a podcast of performance complete with narration, music, sound effects and artwork. This course is appropriate for the music enthusiast through practicing musicians who wish to create their own music without having formal music composition training. Students will explore different musical styles from popular music genres and examine contributions of bands and artists on recording and composition techniques. By the end of this course, students will have a portfolio of music selections composed and arranged by themselves and recordings of finished pieces. This course counts towards the graduation requirement for Visual and Performing Arts.
Instruction in Physical Education and Health and Safety Education focuses upon personal wellness as its organizing theme. The Physical Education instruction includes knowledge of the principles and practices of physical fitness, skill development in individual and team sports, planning of lifetime leisure and recreational participation, and development of kinesthetic problem-solving strategies. The primary goal of the Health and Safety Education classes is to allow students to gain knowledge and develop positive attitudes and habits of sound decision making about matters related to personal or community health needs. Accordingly, the Physical Education Department has established the following proficiencies to be developed for all students:

- To acquire knowledge of rules and strategies of various team and individual sports that can be used in present and future leisure time pursuits.
- To develop and practice positive habits and attitudes that contribute to one's social competency in the areas of cooperation, competition, and recognition of the fundamental worth of each individual including self.
- Through the study of Health, to gain and apply knowledge of good health practices, and enhanced awareness of adult responsibilities as an individual, within relationships, and as a member of a family.
- Through the study of Driver's Education, to demonstrate mastery of motor vehicle laws and proper driving attitudes and procedures.
- Through completion of the Fitness Program, to learn and apply the basic principles of fitness and nutrition, to appreciate the role of fitness activities within a commitment to personal wellness, and to identify personal fitness goals and to implement routines for their attainment.

By state and local regulations, students are required to complete successfully one year of Physical Education and Health/Safety Education for each year of enrollment in high school. The required sequence of classes will also meet all state requirements for drug and alcohol; HIV; harassment, intimidation, and bullying; and dating violence education.

**Physical Education/Health I, II, III, IV (Grades: 9 – 12)**

Course Weight: College Prep 5 Credits

Physical Education focuses upon personal wellness as its organizing theme. The Physical Education program includes knowledge of the principles and practices of physical fitness, skill development in individual and team sports, planning of lifetime leisure and recreational participation, and development of kinesthetic problem-solving strategies.

The Physical Education program seeks to provide each student with the tools and experiences necessary for a lifetime commitment to physical fitness and health. It does this through the student's participation in a variety of health, sport, and physical activities.

Fitness instruction for freshmen and sophomores includes aerobic and anaerobic exercise with classroom and lab instruction in fitness, exercise, and weight training.
Project Adventure features various challenge courses designed to encourage personal growth, enhance cooperative problem solving and interpersonal communication skills, and foster self-esteem.

For a quarter of each year, students receive Health Education as part of the required department program. In ninth grade, health instruction teaches students about the male and female reproductive systems. As sophomores, students complete the theory portion of Driver’s Education. In their junior and senior years, students examine topics in a two-year rotation related to family life issues, human reproduction and sexuality, care and healthful practices for the reproductive system, addictive patterns and behaviors, domestic and date violence.

As required by State law, drug and alcohol education is part of the program at all four grade levels. Similarly, Family Life Education is a comprehensive and sequential aspect of the Health program in grades 9, 11, and 12. Family Life Education includes:

- Instruction in the development and understanding of the implications of personal relationships in a physical, mental, social, economic, emotional, and psychological environment.
- Knowledge of the psychological and cultural foundations of human development, sexuality, and reproduction, and of the stages of human growth.
- Encouragement to develop responsible personal behavior, to strengthen their own family life now, and to establish strong family lives for themselves in the future.
SCIENCE DEPARTMENT
COURSE SEQUENCE

Grade 9

Biology CP

Grade 10

Chemistry CP or Chemistry Honors

Chemistry Honors

AND

Physics Honors

Physics CP

Physics H

AP Physics

OR

ELECTIVES

Electives

Grade 11

Electives

Grade 12

Electives

ELECTIVES

Advanced Placement Environmental Science
Advanced Placement Chemistry
Advanced Placement Biology
Anatomy and Physiology Honors
Bioethics Honors
Environmental Science CP
Forensic Science CP
Marine Biology Honors
Science in Your World
Science, Technology, and Society CP
The Science Department offers various content rich courses of study. The college preparatory courses begin with Biology, followed by Chemistry, and Physics. The honors level of study includes Honors Biology, Honors Chemistry and AP Physics. This honors program can be supplemented with two additional Advanced Placement courses, Biology and Chemistry, as well as with Honors level courses in Anatomy and Physiology, Marine Biology and Bioethics. A variety of elective college preparatory courses in Environmental Science, Forensic Science are provided to further enhance students’ abilities to be ready to do college level work and consider careers in the STEM subjects (Science-Technology-Engineering-Mathematics). All instruction aims to help develop an understanding of the nature of science, analyze the implications of scientific knowledge for the citizen as well as for the researcher, and refine the skills of scientific investigation that are central to scientific methods. All courses include the following proficiencies:

- To develop problem solving skills (textbook and laboratory based) and to work cooperatively with others toward the solving of these problems.
- To acquire knowledge of current theories and scientific research as well as comprehension of the language of the sciences.
- To demonstrate an understanding of the complex interdependence of all aspects of the physical and biological world and the relationship of humans to those systems.

New graduation requirements adopted by the New Jersey State Board of Education in June 2009 require students to successfully complete 15 credits of science and also include:

- three years of lab science, including biology, effective with the 2008-2009 ninth grade class;
- a choice among chemistry, physics or environmental science, beginning with the incoming ninth grade class of 2010-2011;
- a third inquiry-based lab or technical science, beginning with the incoming ninth grade class of 2012-2013.

The laboratory experience in all science courses allows students to utilize tools, data-collection techniques, models and theories of science, and to:

- actively participate in scientific investigations;
- use cognitive and manipulative skills associated with the formulation of scientific explanations;
- use evidence, apply logic, and construct arguments for their proposed explanations;

College admissions standards often include additional study and specific laboratory requirements. Students planning to major in one of the STEM subjects (Science-Technology-Engineering-Mathematics) should pursue a rigorous four-year sequence that includes courses with varied laboratory experiences.

**Biology CP** (Grade: 9)  
Full Year  
Course Weight: College Prep  
6 Credits
Biology is the study of life. The basic concepts of life will be followed through the several levels of organization from cell structure to organism, community and biosphere. An important aspect of the course will deal with how the organism maintains itself within the environment. Laboratory experiences are designed to develop scientific attitudes toward problem solving.

**Biology Honors** (Grade: 9)  
Course Weight: Honors  
Prerequisite: Algebra I and Recommendation of 8th grade science teacher for 9th graders.

Biology Honors is an in-depth study of cells, biochemistry and metabolism, molecular and classical genetics, the human systems, evolution, and ecology. It is designed for high-ability, highly motivated students. Students will study a variety of topics including: scientific method, structures and functions of cell types and viruses, growth and development of organisms, cells, tissues and organs, nucleic acids and genetics, biological evolution, taxonomy, metabolism and energy transfers in living organisms, living systems, homeostasis, ecosystems and plants. Honors Biology closely parallels the biology course but covers the various topics with greater depth and levels of understanding. Laboratory experiences examine topics in greater depth and require extensive independent planning on the part of the student.

**AP Biology** (Grades: 11–12)  
Course Weight: Advanced Placement  
Prerequisites: Successful completion of Biology and Chemistry (Honors recommended).

This class is designed to be an equivalent of a college introductory biology course taken by science majors and offers intensive study of the following areas encompassing the seven themes of biology identified by The College Board: evolution, cellular basis of life, matter and energy flow, molecular biology, genetic basis of life, population genetics, behavior, homeostasis and negative feedback controls and the variables that shape populations in ecological and evolutionary time. This course is significantly more rigorous than the first school course in biology with respect to textbook use, range and depth of topics covered, laboratory experiences required, and the time and effort expected of students. All students enrolled in this course are expected to take the Advanced Placement Biology Examination. This course may also be taken as a concurrent course with Sussex County Community College.

**Chemistry CP** (Grades: 10–12)  
Course Weight: College Prep  
Prerequisite: Successful completion of Biology or Biology Honors.

Students develop a firm understanding of chemical principles with preparation for further scientific work. Concepts concerning matter and its changes are covered through extensive laboratory investigations. Mathematics serves as a tool to examine changes in the laboratory and to explore topics in class work. Emphasis is given on the application of chemistry to every-day life.

**Chemistry Honors** (Grades: 10–12)  
Course Weight: Honors  
Prerequisite: Successful completion of Biology Honors or College Prep and the recommendation of the instructor. Students should be concurrently enrolled in or have successfully completed Algebra 2 (Honors recommended).

The general topic areas are similar to those found within the chemistry course, but they are covered in far greater depth. Students will apply mathematics to chemical problem solving at a higher level than in regular chemistry. Chemistry Honors students will be expected to perform “open-ended” inquiry-based labs where they design their own procedures and develop their ability to perform experiments to reach specific
scientific goals. The use of graphing calculators will be incorporated into class work and lab work. Formal laboratory report writing will be emphasized and technical writing and communication skills will be a major focus of laboratory assessment. Students who are planning a career in science or math should take this course to enhance their creative problem-solving skills and their higher order thinking skills. This course may also be taken as a concurrent course with Sussex County Community College.

AP Chemistry (Grades: 11-12) Full Year
Course Weight: Advanced Placement 6 Credits
Prerequisite: Successful completion of Chemistry, Algebra 2, and Biology (Honors recommended).
Advanced Placement Chemistry meets the objectives, and is designed to be the equivalent of, the general chemistry course usually taken during the first year of college (8 college credits). This course is recommended for highly motivated students who have demonstrated exceptional ability in both math and science. Emphasis is on concept development and the extensive utilization of the laboratory for experimentation, knowledge acquisition, and development of critical thinking skills. It is expected that students will complete 5-10 hours a week of independent study outside of class. All students enrolled in this course are expected to take the Advanced Placement Chemistry Examination. This course may also be taken as a concurrent course with Sussex County Community College.

Physics CP (Grades: 11–12) Full Year
Course Weight: College Prep 6 Credits
Prerequisite: Successful completion of Biology CP and Chemistry CP.
Students should be concurrently enrolled in or have successfully completed Algebra 2.
Physics deals with matter and energy and their transformations. This course develops the principles which govern our physical world, including classical mechanics, conservation laws, electricity and magnetism, light and waves. Mathematics is involved in making full use of these principles. This course is recommended for students who are interested in pursuing a career in the sciences, mathematics, engineering, or medicine.

Physics Honors (Grades: 10-12) Full Year
Course Weight: Honors 6 Credits
Prerequisite: Successful completion of Biology CP and Chemistry CP, and have teacher recommendation. Or, successful completion of Biology H and be concurrently enrolled in Chemistry H.
Students should be concurrently enrolled in or have successfully completed Algebra 2.
The topics in Physics Honors are similar to those in regular Physics; however, this course examines them in greater depth. Laboratory activities are designed to assist students in developing the concepts and skills required to study topics such as mechanics, optics, and acoustics. This course is recommended for students who are interested in pursuing a career in the sciences, mathematics, engineering, or medicine. Offered in alternating years.

AP Physics (Grades: 11–12) Full Year
Course Weight: Advanced Placement 6 Credits
Prerequisite: Successful completion of Chemistry (Honors or AP recommended). Students must be concurrently enrolled in Pre-calculus or Pre-calculus Honors.
AP Physics is the equivalent to a first-semester course in algebra-based Physics. The course covers Newtonian mechanics (including rotational dynamics and angular momentum); work, energy and power; and mechanical waves and sound and simple circuits. Through inquiry-based learning, students will develop scientific thinking and reasoning skills. It is expected that students will complete 5 - 10 hours a week of
independent study outside of class. **All students enrolled in this course are expected to take the Advanced Placement Physics 1: Algebra-Based Examination.**

**Anatomy and Physiology Honors** (Grades: 11–12)  
Course Weight: Honors  
Prerequisite: Successful completion of Biology, Chemistry **AND** Algebra I.

This course deals with the anatomy and physiology of the human organ systems. Study will concentrate on the functioning at the cellular and tissue levels, but occasionally at the molecular level involving biochemical mechanisms and interactions. Laboratory experiences involve fetal pig or cat dissection with emphasis on the correlation with human structures. This is a recommended elective for students interested in careers in biology, medicine and nursing.

**Forensic Science CP** (Grades: 11–12)  
Course Weight: College Prep  
Prerequisite: Successful completion of Biology and Chemistry.

Forensic Science is a college preparatory course that emphasizes in depth study with problem solving, critical thinking, and extensive laboratory activities. The basic concepts and practices of biology and chemistry as applied to criminal investigation, examining and preserving forensic evidence, conducting crime-scene investigations, and science in the courts will be examined.

**Science in Your World** (Grades: 11–12)  
Course Weight: College Prep  
Prerequisite: Successful completion of a course in biology

Science in Your World is a full year course that is designed as an inquiry-based science elective. The major areas of study will include: agriculture, botany, geology, zoology, bioethics, human diseases, and urban ecology. Throughout the course students will take the knowledge that they gained from their previous Biology class and apply it to real life scientific issues. Students will perform extensive research during each unit of study by completing inquiry-based labs, working on case studies, pertinent to each subject, and completing problem solving exercises that require them to work with each other in a professional manner. The program is very hands-on, as well as student-centered, which affords each individual the opportunity to fully immerse himself or herself in the learning process. At the conclusion of this course, student learning will be assessed through a capstone project. Science in Your World is structured to help students develop excitement and enthusiasm for learning science. This course is aligned with the New Jersey Student Learning Standards for Science (also known as Next Generation Science Standards or NGSS) and the New Jersey Standards for Technology 21st Century Career Ready Practices.

**Environmental Science CP** (Grades: 10–12)  
Course Weight: College Prep  
Prerequisite: Successful completion of a course in biology.

This course is designed to provide students with an introduction to the specialized field of biology known as Environmental Science. The students will study the ecology, economics and politics of various environmental issues. Laboratory activities which help provide insight into the topics covered will be included in the course of study.

**AP Environmental Science** (Grades: 11–12)  

The goal of the AP Environmental Science course is to provide students with the scientific principles, concepts, and methodologies required to understand the interrelationships of the natural world, to identify and analyze environmental problems both natural and human-made, to evaluate the relative risks associated with these problems, and to examine alternative solutions for resolving or preventing them. **Students enrolled in this course are expected to take the Advanced Placement Environmental Examination.**

**Bioethics Honors** (Grades: 11-12)  
Course Weight: Honors  
Semester  
Prerequisite: Successful completion of two years of science, one of which must be in Biology.

Bioethics provides students with an opportunity to examine and discuss the social, ethical and legal dilemmas that arise from advances in medicine and biotechnology. This course is concerned with problems which may arise when the facts and technology of scientific advances and medical-genetic research conflict with norms and needs of society. Focus will be placed on understanding and appreciating relevant biological facts as they confront the principles and practice of ethical decision making at the level of the individual, the community, and nations. Potential topics include organ donation and transplantation, stem cells, assisted reproduction, euthanasia and assisted suicide, death and dying, environmental ethics, medical ethics, animal research and genetic technologies. Research-based projects and assignments and oral presentations are part of the curriculum.

**Marine Biology Honors** (Grades: 11-12)  
Course Weight: Honors  
Semester  
Prerequisite: Successful completion of two years of science, one of which must be in Biology.

Marine Biology extends the study of Biology to the living and nonliving factors of the ocean realm, which are explored through various marine ecosystems such as coral reefs, sandy shores, deep sea, open ocean, and kelp forests. Exploration of these ecosystems includes investigating the successful adaptations of marine life (fish/sharks, mammals, reptiles, birds, invertebrates, and plants) to withstand the non-living elements (currents, tides, ocean seafloor, and seawater composition) that form each ecosystem. The impact of humans on marine ecosystems and the necessity for marine conservation are also examined. Laboratory investigations and other hands-on activities are used to enhance understanding of topics. Students may also have an opportunity to participate in an optional field trip to an aquarium.

**Science, Technology and Society CP** (Grades: 11-12)  
Course Weight: College Prep  
Semester  
Prerequisite: Successful completion of two years of science.

Science, Technology and Society provides students with the opportunity to research, debate, synthesize, summarize, and present their findings on contemporary science issues. The course will require the students to investigate “real world” problems involving multiple disciplines. The course is concerned with the investigation of various topics from the standpoint of all stakeholders and case summaries will attempt to present the viewpoints of all stakeholders. Formal topics to be covered will include science fiction and science, global warming, and the energy crises. Additional independent research topics may include, but are not limited to, the cost benefit of the US space program, Biometrics, stem cell research, and the Earth’s limited resources. Students will be expected to summarize their findings in various ways such as written reports, oral presentations, short films, informative flyers, and formal debate.
SOCIAL STUDIES DEPARTMENT
COURSE SEQUENCE

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**Electives**

- Film and History
- Bias, Discrimination and Prejudice College Prep
- Economics College Prep
- Geography College Prep
- Global Issues College Prep
- Psychology College Prep
- Sociology College Prep
- Supreme Court and Constitutional Law Honors
The Social Studies Department has designed its program to help students acquire the skills of informed and reasoned decision making, to increase their awareness of political and civic systems, and to develop their knowledge of their culturally diverse society and increasingly interdependent world. History forms the core of the program, but that central discipline is expanded by the introduction of concepts and methods drawn from geography, political science, economics, and sociology. The department addresses the following proficiencies for all students:

- To develop an interest in and respect for the study of history.
- To refine written and spoken expression, and persuasive argument and debate using the strategies of social sciences.
- To acquire an awareness of and sensitivity to various cultures, including their traditions, achievements, and noteworthy personalities.

To meet state and local graduation requirements, students must successfully complete World History and three years of U.S. History. Students, particularly those interested in pursuing humanities or the social sciences, are strongly encouraged to take additional electives in social studies.

**Personal Finance (Grade: 10-12)**
Semester
Course Weight: College Prep 2.5 Credits

This course will inform students how individual choices directly influence occupational goals and future earnings potential. Real world topics covered will include income, money management, spending and credit, as well as saving and investing. Students will design personal and household budgets utilizing checking and saving accounts, gain knowledge in finance, debt and credit management, and evaluate and understand insurance and taxes. This course will provide a foundational understanding for making informed personal financial decisions leading to financial independence. This course satisfies the graduation requirement for 21st Century Life and Careers and Financial Literacy.

**Personal Finance Option 2 (Grade: 10-12)**
Semester
Course Weight: This course will not be weighted into the GPA 2 ½ Credits
Prerequisite: Enrollment contingent upon administrative approval.

Students who desire to do so may enroll in Personal Finance through the on-line provider Educere at their own expense. Students who successfully complete this course will be awarded 2 ½ credits towards graduation on their transcript, but like other on-line courses it will not be factored into the GPA. This course satisfies the graduation requirement for 21st Century Life and Careers and Financial Literacy.

**World History College Prep (Grade: 9)**
Full Year
Course Weight: College Prep 5 Credits

World History is a year-long required survey course that explores the key events and global historical developments from 1350 A.C.E. to World War I that have shaped the world we live in today. The scope of World History provides the latitude to range widely across all aspects of human experience: economics, science, religion, philosophy, politics & law, military conflict, literature & the arts. The course will illuminate
connections between our lives and those of our ancestors around the world. Students will uncover patterns of behavior, identify historical trends and themes, explore historical movements and concepts, and test theories. Students will refine their ability to read for comprehension and critical analysis; summarize, categorize, compare, and evaluate information; write clearly and convincingly; express facts and opinions orally; and use technology appropriately to present information.

**World History Honors** (Grade: 9)  
Course Weight: Honors  
Prerequisite: Recommendation of the instructor

World History Honors is a year-long course offered to Freshmen wishing to challenge themselves. The course explores the key events and global historical developments from 1350 A.C.E. to World War I that have shaped the world we live in today. The scope of Modern World History provides the latitude to range widely across all aspects of human experience: economics, science, religion, philosophy, politics & law, military conflict, literature & the arts. The course will illuminate connections between our lives and those of our ancestors around the world. Students will uncover patterns of behavior, identify historical trends and themes, explore historical movements and concepts, and test theories. Students will refine their ability to read for comprehension and critical analysis; summarize, categorize, compare, and evaluate information; write clearly and convincingly; express facts and opinions orally; and use technology appropriately to present information.

**U.S. History I College Prep** (Grade: 10)  
Course Weight: College Prep  
Prerequisite: Successful completion of World History

U.S. History I surveys American history from the period of colonization to the conclusion of the Civil War. The course concentrates on domestic issues and themes, and relates them to the development of the United States in a global context. The students consider the influence of various cultural groups and the impact of economics on historical events.

**Advanced Placement U.S. History I** (Grade: 10)  
Course Weight: Honors  
Prerequisite: Successful completion of World History College Prep or World History Honors and the recommendation of the instructor

This course is the first in a sequence of two courses for history students who have distinguished themselves as highly competitive and desiring an advanced level course in American history, with admission by recommendation and screening. The scope of this class covers the history of the United States from the colonial period to the conclusion of the Civil War. Emphasized in this course are the various interpretations and historiography of intellectual, social, political, and economic developments. Extensive class discussion, analytical writing, formal research and demanding scholarly readings are required. **Students who are enrolled in this course are expected to continue to AP United States History 2 in which they will take the AP United States History Examination.**

**U.S. History II College Prep** (Grade: 11)  
Course Weight: College Prep  
Prerequisite: Successful completion of U.S. History I.

Using a multi-faceted approach that includes sociological, cultural, economic, political, and diplomatic perspectives, US History II introduces students to the key concepts, movements, events, and personalities of
the history of the United States from Reconstruction to the 21st Century. Emphasis is placed upon the impact that historical events and policies have on establishing present day political and diplomatic policies in the United States. The interrelationships between current worldwide events and American political and diplomatic positions are examined. This course has been designed as the third year requirement in the four year course of study at Lenape Valley. This course meets the state graduation requirement for United States History. The course explores history using a thematic framework. It develops information processing skills, with an emphasis on improving the ability of students to find, critically analyze and evaluate the significance of facts and ideas. The course also requires students to build, support, defend and effectively communicate their own understanding of US History. It will require students to investigate key concepts, movements, events and personalities of the history of the United States. With an emphasis on critical thinking, interpretation, analysis, and historiography, this course provides students with the analytical skills and factual knowledge necessary to assess various understandings of US History and construct their own. The goal is to emphasis critical thinking and to move beyond the knowledge and comprehension of Bloom’s Taxonomy and move into application and analysis.

Advanced Placement U.S. History II (Grade: 11-12) Full Year
Course Weight: Honors 5 Credits
Prerequisite: Successful completion of AP U.S. History I only and recommendation of the instructor. Students who completed US History II CP may enroll in this course as their senior year history.

This course is a continuation of Advanced Placement United States History I and is designed for students who have distinguished themselves as highly competitive and desiring a college-level course in American history. The scope of this class covers the history of the United States from the Reconstruction era to the conclusion of World War II. Emphasized in this course are the various interpretations and historiography of intellectual, social, political and economic developments. Extensive class discussion, analytical writing, formal research and demanding scholarly readings are required. **Students enrolled in this course are expected to take the Advanced Placement United States History Examination.**

Advanced Placement American Government (Grade: 11-12) Full Year
Course Weight: Advanced Placement 5 Credits
Prerequisite: Successful completion of United States History I and the recommendation of the instructor.

Advanced Placement American Government is a college-level course that exposes students to an in-depth study of the national level of government, civil rights and liberties, and the domestic politics of the United States, accomplished via placing American political systems, their development over the past two centuries, and how they continue to function in the twenty-first century, under close scrutiny. Completion of this course will increase the student’s understanding of the mechanics of the Constitution, including the role of states within the federal system, as well as the nature of contemporary national politics and our values as a democratic society. **This course can be taken in place of United States History III to fulfill the requirements for graduation. Students enrolled in this course are expected to take the Advanced Placement Government and Politics Examination.**

Advanced Placement Psychology (Grade: 11-12) Full Year
Course Weight: Advanced Placement 5 Credits
Prerequisite: Recommendation of the instructor

Advanced Placement Psychology is a college-level course which is designed to introduce students to the systematic and scientific study of the behavior and mental processes of human beings and animals. Students are exposed to psychological facts, principles and phenomena associated with each of the major subfields of psychology. They also learn about the ethics and methods psychologists use in their science and practice. Students gain an understanding of behavior as they learn the knowledge and skills necessary
to address critical problems of the individual and society. AP Psychology integrates social and natural sciences, examines scientific inquiry, analyzes research methods, statistics, and research designs, and teaches ethics involved in psychological science research and practice. Students learn to distinguish between science and pseudoscience, to speak and write effectively, to respect diversity, and to apply knowledge of psychology to independent reading. **Students enrolled in this course are expected to take the Advanced Placement Psychology Examination.** This course may also be taken as a concurrent course with Sussex County Community College.

**Advanced Placement European History (Grade: 11-12) Full Year**
Course Weight: Advanced Placement 5 Credits
Prerequisite: US History 1 and recommendation of the instructor.

The AP course and exam in European History are intended for qualified students who wish to complete classes in secondary school equivalent to college introductory courses in European history. The study of European history since 1450 introduces students to cultural, economic, political, and social developments that played a fundamental role in shaping the world in which they live. Without this knowledge, we would lack the context for understanding the development of contemporary institutions, the role of continuity and change in present-day society and politics, and the evolution of current forms of artistic expression and intellectual discourse. In addition to providing a basic narrative of events and movements, the goals of AP European History are to develop (a) an understanding of some of the principal themes in modern European history, (b) an ability to analyze historical evidence and historical interpretation, and (c) an ability to express historical understanding in writing. **Students enrolled in this course are expected to take the Advanced Placement European History Examination.**

**AP Human Geography (Grades 10-12) Full Year**
Course Weight: Advanced Placement 5 Credits
Prerequisite: World History and recommendation of the instructor.

The AP Human Geography course is equivalent to an introductory college-level course in human geography. The course introduces students to the systematic study of patterns and processes that have shaped human understanding, use, and alteration of science’s surface. Students employ spatial concepts and landscape analysis to examine socioeconomic organization and its environmental consequences. They also learn about the methods and tools geographers use in their research and applications. The curriculum reflects the goals of the National Geography Standards (2012). **Students enrolled in this course are expected to take the Advanced Placement Human Geography Examination.**

**AP World History (Grades 10-12) Full Year**
Course Weight: Advanced Placement 5 Credits
Prerequisite: World History and recommendation of the instructor.

AP World History focuses on developing students’ abilities to think conceptually about world history from approximately 8000 BCE to the present and apply historical thinking skills. Five themes of equal importance — focusing on the environment, cultures, state-building, economic systems, and social structures — provide areas of historical inquiry for investigation across different periods and regions. AP World History encompasses the history of the five major geographical regions of the globe: Africa, the Americas, Asia, Europe, and Oceania, with special focus on historical developments and processes that cross multiple regions. **Students enrolled in this course are expected to take the Advanced Placement World History Examination.**

**Advanced Placement Micro and Macro Economics (Grade: 12) Full Year**
This course will provide students with a thorough understanding of economic forces and concepts in the business world today. In Micro Economics, students will study the nature and functions of product and factor markets, as well as the role of government in promoting greater efficiency and equity in economies. In Macro Economics, students will analyze concepts such as national income, price determination, economic performance measures, the financial sector, stabilization policies, economic growth, and international economics. **Students enrolled in this course are expected to take the Advanced Placement Microeconomics Examination and Advanced Placement Macroeconomics Examination. This course meets the requirements for**

**ELECTIVES**

*These courses do not fulfill the Social Studies requirement for graduation unless taken in senior year.*

**Film and History** (Grades: 11-12) Semester
Course Weight: College Prep 2½ Credits

This semester course explores how films depict events in history and how films reflect the society and values contemporary to their production. Students will research the historical accuracy of events depicted in films. Students will develop critical skills as they discern how filmmakers take ideas from history, edit them and often recreate history. Students will also discuss how films can reflect the values of an era and how films may help shape an era. Students will use and analyze information from U.S. history texts, individual research, critical essays, and other sources. By the end of the semester students will be able to identify changing views of key events in U.S. history, and how Hollywood influences the perception of historical events.

**Bias, Discrimination and Prejudice** (Grades: 11–12) Semester
Course Weight: College Prep 2½ Credits

This course guides students in the development of decision making and problem solving skills as they relate to bias and prejudice in the world. Conflict resolution strategies and peer refusal skills provide students with ways of developing value systems that emphasize freedom and fairness. Students explore the nature of prejudice and the manifestations of discrimination and examine the lives of individuals who have been in the forefront of creating an awareness of bias and its effects. Units of study culminate in the writing of a position paper or in the completion of an equivalent project.

**Economics** (Grades: 11–12) Semester
Course Weight: College Prep 2½ Credits

Economics is the study of how people try to solve the problems of scarcity. Society’s ability to produce goods and provide services is limited, while their desire for goods and services is unlimited. This course explains how societies and individuals deal with this fundamental problem. Emphasis will be on the economy of the United States in its world setting. The student will learn about the determination of prices for goods and services, money and banking, labor, business organizations, foreign trade, the government’s role in the economy, and the problems of inflation and recession. This course is designed to provide an academic understanding of the economy and the problems facing it. The course is divided into two sections; the first half of the semester consists of the microeconomic study while the second half is both macroeconomics and personal finance. Microeconomics covers scarcity, price determination, the theory of the firm externalities, and supply and demand. Macroeconomics details public finance, fiscal and monetary policy, inflation, unemployment, and economic growth to round out the semester long course. While consumer topics are covered during the course, an emphasis is also placed on critical thinking skills, as well as the understanding,
Geography (Grades: 11-12) Semester
Course Weight: College Prep 2 ½ Credits

Geography promotes information gathering and critical thinking skills to provide students with effective habits of mind to succeed in the 21st Century. This course will introduce students to the systematic study of patterns and processes that have shaped human understanding, use, and alteration of the Earth's surface. Students employ spatial concepts and landscape analysis to examine human social organization and its environmental consequences. They will also learn about the methods and tools geographers use in their science and practice. By developing a broad understanding of the world and its people, students will become active and informed global citizens. This course will require active student learning by combining a traditional program of study with student-centered, exploratory, project-based instruction. Within each of the eight units of study, students will first use geographic perspective and reasoning to explore the people, places and environments of a specific region. The students will be introduced to the Five Themes of Geography and analyze in depth the importance of each. The students will complete an inquiry-based exploratory project developing contemporary essential skills.

Global Issues (Grades: 10–12) Semester
Course Weight: College Prep 2½ Credits

This course focuses students on the dramatic changes taking place in the world. Students are engaged in activities designed to foster a reasoned understanding of the "New World Order." The course addresses a full range of contemporary issues, ranging from rain forests to revolution. Using a case study approach, students investigate current worldwide issues, tracing the development of each issue from its origin to possible solutions. Units of study average approximately two weeks in length and culminate in the writing of a position paper or in the completion of an equivalent project.

Psychology (Grades: 11-12) Semester
Course Weight: College Prep 2½ Credits

Psychology is the study of the mind, behavior, and the relationship that exists between these two concepts. This semester elective provides students with a brief overview of the major areas of psychology and encourages the student to develop personal insights as a result of this study. Course content surveys the five domains of psychology: methods, biopsychology, cognition, development, and social culture. Subtopics include considerations of questions such as the following: Are we a product of our environment or of genetics? How does the human brain remember? What roles do parents and friends play in how we see ourselves? How can a friend properly listen to and help a friend in need? To study this field and to pursue answers to these and other questions, students complete reading assignments and participate in class lectures, demonstrations, and role-playing exercises. This course may also be taken as a concurrent course with Sussex County Community College.

Sociology (Grades: 11–12) Semester
Course Weight: College Prep 2½ Credits

Sociology provides insights into and analyses of the functions of society and the development of societal norms. Course participants examine the cultural forces that impact childhood development, adolescence, marriage, divorce, families, and prejudice. The main focus of this course is to assist students in reaching new understandings about society through their consideration of the following fundamental application and analysis of those economic concepts. Students will learn to question, evaluate marginal costs and benefits, and explore the various ways in which one action causes secondary actions.
questions: How is society organized and what are the relationships among groups? What changes take place throughout our lives from childhood to adulthood? How do the social, political, and economic conditions that people face shape our societal norms? Debate and discussion provide the primary means by which students acquire and measure their new understandings of individuals in society.

**Supreme Court and Constitutional Law Honors** (Grades: 11-12)  
Course Weight: Honors  
Prerequisite: Successful completion of U.S. History 1

Examining the creation of the Constitution, the history of the federal judiciary and analysis of landmark cases, students learn how law is one of the most influential forces in American society. This course endeavors to help students reach new understandings about law through consideration of the following fundamental questions: What is the nature of law and what are its limits? How does the Court reach a decision? How have legal issues shaped domestic policy? To answer these questions, students examine real and hypothetical cases, the laws which apply to these cases, and relevant court decisions. Demonstrations and lectures by guest speakers enrich and enliven the course.
WORLD LANGUAGE DEPARTMENT
COURSE SEQUENCE

Grade 9
- Foundations I

Grade 10
- College Preparatory I

Grade 11
- College Preparatory II

Grade 12
- College Preparatory III

- IV Honors

- Advanced Placement
WORLD LANGUAGE DEPARTMENT
COURSE OFFERINGS

Lenape Valley Regional High School offers sequential study in three world languages: German, French, and Spanish. All courses concentrate on the development of listening, speaking, reading, and writing skills in order to develop functional communication in the target language. Using a variety of techniques, the Modern Language Department helps students enrolled in these classes achieve the following proficiencies:

- The development of listening comprehension and oral fluency in the selected language.
- The mastery of the grammatical foundation and syntax of the language studied.
- The heightened awareness of the culture and history of the nation or nations in which the selected language is spoken.

Students who anticipate attending a four-year college should pursue a minimum of three years of continuous study of the same language. More competitive colleges may require a four- or five-year sequence in one language.

**Foundations Studies**
Course Weight: 5 Credits

The Foundations of Language provides students who have an IEP with the opportunity to study the culture and language of a foreign country. Students will be admitted to this sequence only with the approval of the Child Study Team. Students must successfully complete Foundations of Language I to satisfy the graduation requirement in World Languages.

Students who successfully complete Foundations I will be prepared to continue their study of that language by enrolling in the regular first year of their language or by beginning another language at the first level.

**Level I College Prep (Grades: 9-12)**
Course Weight: College Prep 5 Credits

Learning a language for the first time should be a rewarding experience. Geared for those students who plan to attend college, the Level I class is the first part of a four-year program which encompasses all the elements necessary to master a second language. Students have various opportunities to speak as often as possible. The course has been planned to develop all the basic fluencies: speaking, writing, reading, and comprehension of the spoken word. An important theme throughout first year studies is the exposure to the basic culture of the countries speaking the respective languages. Also, regular practice in the language laboratory enables students to use the latest technology in the learning of a second language.

**Level II College Prep (Grades: 9-12)**
Course Weight: College Prep 5 Credits
Prerequisite: Successful completion of Level I.

Level II College Prep has been designed for those students who desire to build a strong background in order to earn entrance into a college undergraduate program. Students in this course are offered the
opportunity to extend their learning of the target language. After a review of the basic structures acquired during the Level I CP studies, students will: expand their learning of the spoken word, refine their pronunciation, be challenged with selected readings designed to expand working vocabulary, hone writing skills, and increase their knowledge of the culture of their respective language.

**Level III College Prep** (Grades: 10-12)  
Course Weight: College Prep  
Prerequisite: Successful completion of Level II College Prep.

This course continues to develop students’ fluencies and creative expressions learned in the first two years of language study. In this year, students have a chance to polish their pronunciation in an intensive atmosphere where classes will progressively begin to be taught almost exclusively in the target language. Regular work sessions in the language laboratory will give students the opportunity to listen to CD’s and audiocassettes as well as record their own voices. As an integral part of the third year, students are introduced to some of the short readings and works of famous literary figures. Third year studies stress continued exposure to cultural elements through movies, videos, class trips, songs, guest speakers, etc.

**Level IV Honors** (Grades: 11-12)  
Course Weight: Honors  
Prerequisite: Successful completion of Level III College Prep.

The object of this class is to polish the pronunciation and spoken fluency of the students and is achieved through class discussions on up-to-date issues, debates, guest speakers, newspaper reading, and by exploring the ideas of the country’s foremost writers. The language students at this level have an excellent opportunity to perfect their command of the language through phonetics and work in the language laboratory. The lab allows the students to progress at their own pace by listening to comprehensive tapes, records, and by recording their own voice. The students have continued cultural exposure through movies, videos, class excursions, etc. **Spanish IV Honors may also be taken as a concurrent course with Sussex County Community College.**

**Advanced Placement** (Grade 12)  
Weight: Advanced Placement  
Prerequisite: Successful completion of Level IV Honors.

This class is open to students who desire a serious and challenging study of language; this course is designed to prepare participants for the Advanced Placement Examination in the target language. Following the syllabus provided by the Advanced Placement testing service, students refine their reading, writing, speaking and listening skills; they are expected to use the target language to discuss and analyze contemporary issues and literature. **Students enrolled in the course are expected to take the Advanced Placement Examination. AP Spanish may also be taken as a concurrent course with Sussex County Community College.**
SPECIAL EDUCATION DEPARTMENT

Students identified as in need of special education are served by a full continuum of services. Services as determined by the I.E.P. Team, can be provided within the mainstream or in a pull out special education classroom as appropriate. Courses offered in a pull out special education class utilize curriculum which has been modified in scope, pace, sequence, material, instructional strategies, and evaluative techniques. This modified curriculum is in line with common core standards. Students work from texts and materials that meet their instructional needs.

The graduation requirements for students with Individualized Education Program are determined by the Child Study Team. Successful completion of these requirements, in keeping with the state and local requirements, will make the student eligible for graduation.
SPECIAL PROGRAMS

Algebra 1 Applications and Enrichment 1 (Grade:9) Semester
Course Weight: College Prep 2 ½ Credits
Co-requisite: Algebra 1 CP

Students are placed in Algebra 1 Applications and Enrichment by teacher recommendation and/or their performance on the PARCC Grade 8 Mathematics Assessment. Algebra 1 Applications and Enrichment 1 is designed to reinforce Algebra 1 concepts and skills for students who have been identified as struggling in mathematics. Students in this course are simultaneously enrolled in Algebra 1. This course is available in both the fall and spring semesters and will complement the Algebra 1 curriculum. As is required by the New Jersey Department of Education for members of the Class of 2021 and beyond, students must sit for the PARCC Algebra 1 assessment in the spring of the currently enrolled school year and meet expectations in order to be eligible to earn a high school diploma. This class does not fulfill the mathematics requirement for graduation.

Algebra 1 Applications and Enrichment 2 (Grade:10-11) Semester
Course Weight: College Prep 2 ½ Credits
Prerequisite: Successful completion of the Algebra 1 course

This course will be required of any student who has not demonstrated proficiency on the PARCC Algebra 1 assessment. Algebra 1 Applications and Enrichment 2 is designed to build on pre-existing Algebra 1 concepts and skills to support students in meeting expectations on the PARCC Algebra 1 assessment. This course is available in the fall semester only. As is required by the New Jersey Department of Education for members of the Class of 2021 and beyond, students must sit for the PARCC Algebra 1 exam in December of the currently enrolled school year and either earn a proficient score or maintain eligibility to engage in the alternative Portfolio Appeals process in order to be eligible to earn a high school diploma. This class does not fulfill the mathematics requirement for graduation.

Algebra 2 Applications and Enrichment 1 (Grade:10-12) Semester
Course Weight: College Prep 2 ½ Credits
Co-requisite: Algebra 2 CP

Students are placed in Algebra 2 Applications and Enrichment by teacher recommendation and/or their performance on previous PARCC mathematics assessments. Algebra 2 Applications and Enrichment 1 is designed to reinforce Algebra 1 concepts and skills for students who have been identified as struggling in mathematics. Students in this course are simultaneously enrolled in Algebra 2. This course is available in both the fall and spring semesters and will complement the Algebra 2 curriculum. As is required by the New Jersey Department of Education for members of the Class of 2021 and beyond, students must sit for the PARCC Algebra 2 assessment in the spring of the currently enrolled school year and meet expectations in order to be eligible to earn a high school diploma. This class does not fulfill the mathematics requirement for graduation.

Algebra 1 Applications and Enrichment 2 (Grade:11-12) Semester
Course Weight: College Prep 2 ½ Credits
Prerequisite: Successful completion of the Algebra 2 course

This course will be required of any student who has not demonstrated proficiency on the PARCC Algebra 2 assessment. Algebra 2 Applications and Enrichment 2 is designed to build on pre-existing Algebra 2 concepts and skills to support students in meeting expectations on the PARCC Algebra 2 assessment.
This course is available in the fall semester only. As is required by the New Jersey Department of Education for members of the Class of 2021 and beyond, students must sit for the PARCC Algebra 2 exam in December of the currently enrolled school year and either earn a proficient score or maintain eligibility to engage in the alternative Portfolio Appeals process in order to be eligible to earn a high school diploma. This class does not fulfill the mathematics requirement for graduation.

**English 10 Applications and Enrichment (Grade: 11)**

Course Weight: College Prep 2 ½ Credits

This course will be required of any student who has not successfully passed the ELA10 PARCC assessment. The course is designed to help students build on pre-existing skills to develop reading and writing habits that may allow them to demonstrate competence of the ninth and tenth-grade New Jersey Student Learning Standards (NJSLS) in English. It is required that students will sit for and pass the English 10 PARCC administration in December of their junior year. Special attention will be given to Research Simulation (RST), Literary Analysis (LAT) and Narrative (NT) Tasks. Students' skills concerning comprehension of literary and informational texts will be reinforced, and core writing approaches--developing a claim, providing relevant, meaningful evidence, and structuring a coherent response--will be stressed. This course does not fulfill the English requirement for graduation.

**SAT Prep (Grade: 10-11)**

Course Weight: College Prep 2 ½ Credits

Prerequisites: Successful completion of Algebra 1 and Geometry

This course is designed to help students gain a better understanding of the SAT, specifically types of questions asked, content covered, best test-taking strategies, how the test is scored, and best practices when preparing for the test. This course alternates instruction in mathematics and critical reading and is taught by both a math and English certified teacher. Students are required to purchase a text that is determined by their teacher. The successful student in this course is self-motivated, organized, attentive, resourceful, and prepared.

**Independent Study (Option 2)**

The Board of Education recognizes the need for an Independent Study Program. In the event that an individual student or group of students wants to enter into an independent agreement/contract with a teacher to earn credits in an area of study not provided in the regular curriculum, the agreement must be submitted to the Board of Education for approval. **Students must apply for Independent Study by March 15 of the year prior to the one in which they plan to pursue the special study.** The grade earned on the Independent Study Project is not applied to the calculation of GPA/Rank. No credit for Independent Study will be granted without prior approval of the Board of Education.

**Community Service (Grade: 9-12)**

Course Weight: These credits are not factored into the GPA 2 ½ Credits

Lenape Valley Regional High School offers students the opportunity to earn 2.5 credits by completing and documenting 40 hours of community service. A grade of Pass or Fail will be awarded on the transcript. These credits will not factor into the Grade Point Average (GPA). Several Lenape Valley classes, activities and athletic programs provide acceptable opportunities to complete service hours. Additional service opportunities are emailed to students when available and a list of service organizations can be found on the Guidance website under the All Students tab. Students may seek their own service opportunities with community organization. Service may NOT be done for family members, for companies, or for financial gain. School service must be logged and verified by the student using the LRHS Service Form for School
Activities. Service completed in the community must be logged and verified by the student using LVHS Service Form for Community Activities. Forms documenting 40 hours must be submitted to the counselor to earn these credits.

English as a Second Language (Grade:9-12)  Full Year
Course Weight: College Prep  5 Credits
Co-requisite: Grade-Appropriate English Course

The English as a Second Language (ESL) course is designed to align with New Jersey's mandate that all English Language Learners (ELLs) have access to curriculum that strengthens their reading, writing, speaking and listening skills. Its curriculum will address the academic, social, and cultural aspects of the English language, while valuing each student’s unique ethnic traditions. The teacher will differentiate instruction based upon the student’s present level of English language acquisition. Prospective ESL students will be administered the WIDA screener test either in September or upon entry to the school (unless a score from a previous school exists) to determine if the course is appropriate. Daily lessons, activities and assessments will bolster performance in other classes and prepare students for the WIDA Access 2.0 test administered in the spring. The state currently required a 4.5 (on a 1 - 6 scale) to successfully complete (and exit) the program. ESL students will simultaneously be enrolled in and must pass their separately scheduled English course in order to work towards a diploma. This course does not fulfill and may not be counted towards the NJ state minimum graduation requirement of 20 credits in the Language Arts Literacy content area.
TECHNICAL SCHOOL OPTIONS

Listed below are the programs of study offered at Morris and Sussex County Technical High Schools. Netcong residents may select the shared time options offered by Morris County School of Technology while Stanhope and Byram students may apply for either a shared-time or full day program at Sussex County Technical High School. However, fulfilling graduation requirements while attending a shared-time program may be difficult in light of the 140 credit requirement.

Students who are interested in any of these programs may want to consider full time attendance at the appropriate technical high school. A meeting with the school counselor prior to entering Lenape Valley Regional High School or early in ninth grade year is strongly advised to properly plan for completion of all graduation requirements.

MORRIS COUNTY SCHOOL OF TECHNOLOGY

Auto Body/Collision Repair  Diesel Technology
Auto Service Tech  Digital Design and Advertising
Building Construction  Electrical Trades
Building/Grounds Maintenance  Food Service
Business Information Technology Systems  Networking and Information Technology
Carpentry  Plumbing
Child Related Careers  Retail /Supermarket Careers
Computer Drafting and Graphics  Veterinary Science
Cosmetology  Welding Technology
Culinary Arts

SUSSEX COUNTY TECHNICAL HIGH SCHOOL

Automotive Services  Electronic Technology
Building Trades  Engineering Technology
Business Management and Administration  Environment Systems Technology
Carpentry  Graphic Arts
Clerical Skills  Landscape and Design Technology
Commercial Art  Manicuring
Computer Drafting/Design  Media Production
Computer Information Systems Technology  Medical Arts
Cosmetology/Barbering  Office and Business Technology
Culinary Arts/Baking  Transportation Technology
Electrical Trades  Welding

Art  Business  Music  Industrial Tech  Physical Education
English  Mathematics  Science  Social Studies  World Language