

Program of Studies

2023 - 2024



Delaware Valley Regional High School

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SECTION 1

GENERAL INFORMATION

Introduction

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Introduction

This course guide has been developed to aid Delaware Valley Regional High School students in planning their high school academic experience. The curricula have been aligned to the New Jersey Student Learning Standards with an emphasis on 21st Century Skills, which is intended to “create 21st Century learning environments that engage students, foster achievement, and cultivate the skills needed to compete, connect, and collaborate in a global society.”

The New Jersey Student Learning Standards include 21st Century Life and Careers, Comprehensive Health and Physical Education, Science, Social Studies, Technology, Visual and Performing Arts, World Languages, English Language Arts and Mathematics. In addition to addressing these standards, Delaware Valley offers a diverse curricular program including Advanced Placement, Concurrent Enrollment (CEP), Option II, and Special Education classes. Additionally, Delaware Valley offers a variety of extracurricular clubs, activities, and athletic programs that serve to enhance our students’ overall academic experience.

Selecting courses requires a balance between a student’s requirements, abilities, and desires. Students should work in conjunction with their parents and school counselors to choose their course of studies, best reflecting their future educational, vocational, and career plans.

Please be advised that courses may be canceled due to enrollment and budget constraints.

High School Graduation Requirements

New Jersey State Minimum* Graduation Requirements by Content Area

LANGUAGE ARTS LITERACY	20 credits aligned to grade 9 through 12 standards
MATHEMATICS	15 credits including Algebra I and Geometry or the content equivalent** and a third year of math that builds on the concepts and skills of algebra and geometry and prepares students for college and 21st century careers
SCIENCE	15 credits in Biology, Chemistry and Physics
SOCIAL STUDIES	15 credits including satisfaction of N.J.S.A. 18A:35-1 and 2; five credits in global studies (formerly world history, five credits in United States History I, and five credits in United States History II; and the integration of civics, economics, geography and global content in all course offerings
FINANCIAL, ECONOMIC, BUSINESS, AND ENTREPRENEURIAL LITERACY	2.5 credits
HEALTH, SAFETY, AND PHYSICAL EDUCATION	5 credits (3.75 in Physical Education + 1.25 in Health) during each year of enrollment, distributed as 150 minutes per week, as required by N.J.S.A. 18A:35-5, 7 and 8
VISUAL AND PERFORMING ARTS	5 credits (Fine Arts)
WORLD LANGUAGES	5 credits (A minimum of 10 credits is strongly recommended for students apply to four year colleges)
TECHNOLOGICAL LITERACY	Consistent with the CCCS/New Jersey Student Learning Standards, integrated throughout the curriculum
21st CENTURY LIFE AND CAREERS, OR CAREER-TECHNICAL EDUCATION	5 credits (Practical Arts)
TOTAL CREDITS (State Minimum)	120***

*School districts may establish course and/or credit requirements, which exceed the State minimums.

** "Content equivalent" means courses or activities that include the same or equivalent knowledge and skills as those found in traditionally titled courses which are required for high school graduation and which are aligned with the Core Curriculum Content Standards. This content must be taught by certified teachers, may be integrated in one or more courses, may be titled differently, or may present material in an interdisciplinary or spiral format.

***The 120 credit total is greater than the sum of the individual requirements above to allow for student electives.

Note: Cross-content Workplace Readiness Skills are infused into the courses.

Attendance requirement for graduation as established by the Board.

State of New Jersey Assessments

The requirements in this section were adopted by the New Jersey State Board of Education on September 8, 2021 for the classes of 2023-2025.

Graduation Assessment Requirements

ELA

If, after completing the New Jersey Graduation Proficiency Assessment in grade 11, students did not demonstrate proficiency by passing the ELA component, such students may access the following pathways:

- Pathway 2: By meeting the designated cut score on a substitute competency test (see Table 5 under Pathway 2 below); or
- Pathway 3: By submitting, through the district, a student portfolio appeal to the New Jersey Department of Education.

Mathematics

If, after completing the required New Jersey Graduation Proficiency Assessment in grade 11, students did not demonstrate proficiency by passing the mathematics component, such students may access the following pathways:

- Second Pathway: By meeting the designated cut score on a substitute competency test (see Table 5 under Second Pathway below); or
- Third Pathway: By submitting, through the district, a student portfolio appeal to the New Jersey Department of Education.

Information for Students with Disabilities

Under the Individuals with Disability Education Act (IDEA), all students with disabilities must be included in all general state and district-wide assessments. IEPs of students with disabilities will address whether the student must meet the passing score on the state assessments or demonstrate proficiency through an alternate pathway. Students with disabilities whose IEPs specify an alternative way to demonstrate proficiencies, will continue to follow the graduation assessment requirements set forth in their IEPs. It is the responsibility of the student's IEP team to ensure that the IEP is implemented as written, including components addressing state graduation assessment requirements. IEP teams should reserve the exemption of the statewide assessment graduation requirement for students with significant intellectual disabilities and for students with disabilities who have made repeated unsuccessful attempts to meet statewide assessment requirements through New Jersey Graduation Proficiency Assessment, a substitute competency test, or a student portfolio appeal. Districts are encouraged to begin convening meetings of the student's IEP team when the student is in grade 9, or as early as possible. The IEP team includes the student, and the student's parent(s)/guardian(s) to discuss the student's specific graduation requirements. Questions about IEP components concerning graduation assessment requirements should be directed to the Office of Special Education Policy and Dispute Resolution at oseinfo@doe.nj.gov.

Pathways Available

First Pathway

Students must take and demonstrate proficiency in grade 11 on the New Jersey Graduation Proficiency Assessment, which includes content aligned to the grade 10 New Jersey Student Learning Standards (NJSLS) in ELA, and the NJSLS in Algebra 1 and Geometry. If after completing the New Jersey Graduation Proficiency Assessment a student does not demonstrate proficiency on the ELA or mathematics section, the student may retake the New Jersey Graduation Proficiency Assessment in the following summer or fall.

A student with disabilities whose IEP states that they are not eligible for the alternate assessment (Dynamic Learning Maps) must take the New Jersey Graduation Proficiency Assessment in grade 11.

Table 4: First Pathway — New Jersey Graduation Proficiency Assessment

ELA	Mathematics
New Jersey Graduation Proficiency Assessment-ELA Score of 750 or greater	New Jersey Graduation Proficiency Assessment Mathematics - Score of 750 or greater

Second Pathway

Note: This pathway is only available to students who completed the New Jersey Graduation Proficiency Assessment in grade 11.

Students who sat for the New Jersey Graduation Proficiency Assessment in grade 11 and did not demonstrate proficiency are able to demonstrate proficiency in ELA and/or mathematics by meeting the designated cut score on one of the assessments on the menu of substitute competency tests in Table 5 on the next page.

Important Notes:

- Tests marked with an asterisk (*) are no longer administered but can be used for the graduating year.
- Beginning on Monday, January 28, 2019, classic ACCUPLACER tests were no longer available. QAS replaced ACCUPLACER Elementary Algebra.

Table 5: Second Pathway – Menu of Substitute Competency Tests

ELA	Mathematics
<p>One of the following:</p> <ul style="list-style-type: none"> • NJSLA/PARCC ELA Grade 9 • SAT Critical Reading (taken before 3/1/16) • SAT Evidence-Based Reading and Writing Section (taken 3/1/16 or later) • SAT Reading Test (taken 3/1/16 or later) • ACT Reading or ACT PLAN Reading* • ACCUPLACER WritePlacer • ACCUPLACER WritePlacer ESL • PSAT10 Reading or PSAT/NMSQT Reading (taken before 10/1/15) • PSAT10 Reading or PSAT/NMSQT Reading (taken 10/1/15 or later) • ACT Aspire Reading* • ASVAB-AFQT Composite 	<p>One of the following:</p> <ul style="list-style-type: none"> • NJSLA/PARCC Algebra 1 • NJSLA/PARCC Geometry • NJSLA/PARCC Algebra II • SAT Math (taken before 3/1/16) • SAT Math Section (taken 3/1/16 or later) • SAT Math Test (taken 3/1/16 or later) • ACT or ACT PLAN Math • ACCUPLACER Elementary Algebra • Next-Generation ACCUPLACER Quantitative Reasoning, Algebra, and Statistics (QAS) (beginning January 2019) • PSAT10 Math or PSAT/NMSQT Math (taken before 10/1/15) • PSAT10 Math or PSAT/NMSQT Math (taken 10/1/15 or later) • ACT Aspire Math* • ASVAB-AFQT Composite

Third Pathway

Note: This pathway is only available to students who completed the New Jersey Graduation Proficiency Assessment in grade 11.

Students who completed the New Jersey Graduation Proficiency Assessment in grade 11 and did not demonstrate proficiency are able to demonstrate proficiency in ELA and/or mathematics through a portfolio appeal in grade 12.

Table 6: Third Pathway —Portfolio Appeals

ELA	Mathematics
Meet the criteria of the NJDOE Portfolio Appeal for ELA	Meet the criteria of the NJDOE Portfolio Appeal for Math

Scheduling

- At Del Val our students are free to choose courses from any level as long as the entrance criteria are met.
- College-preparatory students are reminded that some general courses are not accepted as college-entrance units. To be sure, check specific college catalogs or consult your counselor.
- Polytech programs are available to juniors and seniors who meet the appropriate guidelines. If you are interested, please see your counselor.
- Students take a minimum of 35 credits each year. Their schedule consists of 8 periods. Seniors may take a minimum of 25 credits if they are on schedule for graduation.

Course Selection Conferences

Counselors will meet with returning students in January or February to select courses for next year. All attempts will be made to honor requests. However, be aware that course conflicts may occur, so it is important to have alternative selections for your schedule. Parents/Guardians are encouraged to review the choices and selections made by their child in PowerSchool. Please feel free to call your child's counselor with questions or concerns.

The high school scheduling process for 8th grade students in Alexandria, Frenchtown, Holland, and Kingwood begins in November. Demographic information is sent to Delaware Valley Regional High School along with the most recent NJSLA scores, 7th grade final averages, 8th grade year to date grades, and teacher recommendations. All data is used to assist in determining initial placement in freshman courses. Administrators from Del Val visit the sending districts in January to discuss each student's course placement with the 8th grade teachers and determine if they are accurate. Scheduling contracts are then mailed home (on or about January 31, 2023) and parents, guardians and 8th grade students are invited to an orientation night Thursday, February 2, 2023. Scheduling contracts are due back to the counselors by February 16, 2023.

Student Schedule Changes

Scheduling during the winter is very important. Our staffing for the next year and our facilities utilization are based upon the courses that students select. As a result, it is important for students to complete the course selection process accurately. Once student schedules are completed, course changes are not guaranteed. Any request for a schedule change involving full-year or first semester courses must be made by September 12, 2023. Any request for a schedule change involving second semester courses must be made within 5 days of the start of the course. Courses dropped without penalty or course level changes must be made within 5 days of the end of the first marking period. After this time, dropping any course will require a meeting with the student's counselor, as well as administrative approval, and if approved will be given a "W" on the transcript.

Concurrent Enrollment

Concurrent enrollment, sometimes called dual enrollment, allows students to earn college credit for the courses they are taking at Delaware Valley. Each college has its own requirements and restrictions for qualification, but students are NOT required to take the classes for college credit.

Students are responsible for providing their payment to the college.

Students who are earning college credit may NOT be exempted from any exams (midterms, finals, etc.).

Students may take courses from multiple colleges.

Students are NOT required to attend the college(s) where they earn credit after graduation. Students who go elsewhere will request transcripts and transfer credit evaluations .

More opportunities for concurrent enrollment college credit will be added. Please check the [DVRHS website](#) for a full and updated list.

KEAN UNIVERSITY	RVCC	SETON HALL UNIVERSITY	
Human Rights & Genocide	Contemporary Drama Environmental Science CP Courses that require testing qualifiers (SAT/Accuplacer): Composition & Literature II (offered in 23-24 only) Honors Pre-calculus	Audition Choir: Vox Auri Art of Communication & Persuasion British Literature Calculus Honors Concert Band Creative Writing Digital Electronics Film & Literature German IV Honors Human Body Systems Journalistic Writing III/IV TV Media III/IV	Photography Advanced AP Art History AP Biology AP Chemistry AP Computer Science A AP Environmental Science AP European History AP Music Theory AP Physics I AP Physics C AP Spanish Language and Culture
Notes on each college/program:			
21-22 cost: \$100/credit Registration September 2023	RVCC requires an overall GPA of 3.0 (83%) to enter their concurrent enrollment program. Sophomores are ONLY eligible for the Honors Pre-calculus courses through RVCC. 22-23 cost: \$220/course Registration June-August 2023	Sophomores who are capable of a high-caliber of work are eligible to take any course. Freshmen may not take any classes for concurrent credit. All juniors and seniors are eligible for SHU course credit. 22-23 cost: \$105/credit Registration September 2023	

Freshman Electives

<u>Art</u> <i>(Visual & Performing Arts)</i>	<u>Credits</u>
Color & Design (#8204)	2.5 credits
Ceramics I (#8213)	2.5 credits
Ceramics II (#8209)	2.5 credits
Drawing I (#8206)	2.5 credits
Drawing II (#8215)	2.5 credits
Introduction to Sculpture (#8211)	2.5 credits
<u>Business</u> <i>(Practical Arts)</i>	
Introduction to Business Management (#8843)	5.0 credits
Accounting (#8821)	5.0 credits
<u>Computer Science</u>	
AP Computer Science Principles (#5832) ** ##	5.0 credits
<u>English</u>	
Journalism I (#3911)	5.0 credits
<u>Industrial Technology</u> <i>(Practical Arts)</i>	
Design and Materials Processing (#8949) **	5.0 credits
TV Media I (#8962)	5.0 credits
Wood I (#8910)	5.0 credits
<u>Music</u> <i>(Visual & Performing Arts)</i>	
Chorus (#8360)	5.0 credits
Concert Band (#8305)	5.0 credits
Guitar Lab I (#8321)	2.5 credits
Guitar Lab II (#8322)	2.5 credits
Jazz Lab (#8301)	2.5 credits
Music Technology (#8300)	2.5 credits
Advanced Music Technology (#8302)	2.5 credits
Percussion Lab (#8354)	2.5 credits
Piano Lab (#8353)	2.5 credits
Advanced Piano Lab (#8355)	2.5 credits
Songwriting & Theory (#8375)	5.0 credits
Unified Music (#8391)	2.5 credits
<u>Performing Arts</u> <i>(Visual & Performing Arts)</i>	
Introduction to Dance (#8500)	5.0 credits
Unified Dance (#8591)	2.5 credits
Taking the Stage (#8600)	5.0 credits
<u>Free Elective</u> <i>(does not meet any Art requirement)</i>	
Editorial Layout & Design (#3921)	5.0 credits
<u>Science</u>	
Intro to Agriculture, Food, and Natural Resources (#6630)**	5.0 credits
Principles of Biomedical Science (#6250) **	5.0 credits

2.5 credit courses are half-year courses and 5 credit courses are full year courses.

****First year Academy courses**

Prerequisite applies

ACADEMIES

Agriculture Academy

The first course in the sequence is Introduction to Agriculture, Food, and Natural Resources which is the starting point for all pathways in CASE (Curriculum for Agricultural Science Education) curriculum. Future courses will be determined by student interest. Enrollment has been low and therefore continuation of the program is in jeopardy. Interested students should speak with their counselor.

Eligibility

In order to successfully graduate from the Agriculture Academy, students must complete 15 credits from the CASE course offerings.

9 th grade	10 th grade	11 th grade	12 th grade
<i>Introduction to Agriculture, Food, and Natural Resources</i>	<i>Principles of Agriculture Science</i>	<i>Environmental Science</i>	<i>CASE Elective</i>

Fine and Performing Arts Academy

The Fine and Performing Arts Academy is designed to expose students to a comprehensive course sequence in three areas of the arts: Performance/Theater, Music, and Visual Art. Students will choose one of these areas in which to concentrate and develop their artistic and creative capabilities. Students will explore career fields which may draw heavily on the arts, including: design, fashion, psychology, music/art therapy, music technology, performance, and/or gallery curating.

The Performance/Theater concentration will provide students with courses that focus on musical theater, including acting, dance, and vocal skills. Music students will refine their performance technique in Concert Band or Chorus classes, while also acquiring skills in music theory and electronic music. Visual arts students will take introductory classes in 2D and 3D design before focusing on one particular medium. All concentrations will culminate in a capstone course that prepares them for auditions, career and college placement, or portfolio development.

Arts students will also discover numerous opportunities to explore their concentration in a range of extra-curricular opportunities both at Delaware Valley and in the wider community. Performance/Theater concentration students will find opportunities to perform in play and musical productions on the DVR stage. Music students will have performance opportunities in Concerts, Recitals, Marching Band, Jazz Band, and Chamber Choir. Visual artists will be able to take advantage of our Visiting Artists Series as well as form connections with other local artists and galleries.

Eligibility

In order to successfully graduate from the Arts Academy, students must complete at least 30 credits in their concentration area (which includes both fine and practical arts credits required by New Jersey for graduation).

Arts Academy (cont.)

Music

9 th grade	10 th grade	11 th grade	12 th grade
<i>Performance Ensemble (Concert Band or Chorus) Or Lab Courses (5 credits)</i>	<i>Songwriting and Theory (5 credits)</i>	<i>Music Technology & Advanced AP Music Theory (10 credits)</i>	<i>Performance Ensemble Or Lab Course Senior Seminar (10 credits)</i>

Performance/Theatre

9 th grade	10 th grade	11 th grade	12 th grade
<i>Taking the Stage (5 credits)</i>	<i>Introduction to Dance or Chorus (Choose one)</i>	<i>Introduction to Theater (RVCC) Dance or Concert Choir</i>	<i>Senior Seminar Dance or Chorus</i>

Visual Arts

9 th grade	10 th grade	11 th grade	12 th grade
<i>Color & Design and Drawing I (5 credits)</i>	<i>Drawing II Sculpture (5 credits)</i>	<i>One semester each of a 2D and 3D course AP Art History (10 credits)</i>	<i>Two semesters of 2D or 3D AP Studio Art (10 credits)</i>

Biomedical Science Academy

The Biomedical Science Academy provides students with exposure to concepts in human medicine, anatomy & physiology, genetics, microbiology, and public health. Students engage in activities like investigating the death of a fictional person in order to learn the science content within the context of a real-world problem. The Biomedical Science Academy is a rigorous, focused four-year program for students with career interests in the biomedical field. The program utilizes Project Lead the Way curriculum.

Eligibility

In order to successfully graduate from the Biomedical Science Academy, students must complete at least 20 credits of Biology which includes five credits of Principles of Biomedical Science.

Although not encouraged, students taking Principles of Biomedical Science in their freshman year will not be required to take an additional freshman Biology class (Honors Biology or CP Biology) because it is assumed that they will meet the state requirement by taking AP Biology as an upperclassman. **All students must pass either CP Biology, Honors Biology, or AP Biology in order to graduate.**

9 th grade	10 th grade	11 th grade	12 th grade
<i>Principles of Biomedical Science</i>	<i>Human Body Systems</i>	<i>Medical Interventions</i>	<i>Biomedical Innovation</i>
<i>Honors or CP Biology</i>	<i>Chemistry Honors</i>	<i>AP Physics I or Physics Honors</i>	<i>AP Biology</i>

Computer Science Academy

At a time when computer science affects how we work and live, our curriculum empowers students in grades 9-12 to become creators, instead of merely consumers, of the technology all around them. The program's interdisciplinary courses engage students in compelling, real-world challenges. As students work together to design solutions, they learn computational thinking – not just how to code – and become better thinkers and communicators. Students take from the courses in-demand knowledge and skills they will use in high school and for the rest of their lives, on any career path they take.

Eligibility

In order to successfully graduate from the Computer Science Academy, students must complete at least 15 credits of Computer Science in the academy courses. Students may begin courses in the Computer Science Academy after successful completion of Algebra I and will be required to meet minimum grade standards in each of the courses as they proceed.

Like our ever changing technology driven society, courses in the Computer Science Academy may change to provide our students with the most needed skills.

Year 1	Year 2	Year 3	Year 4
<i>AP Computer Science Principles</i>	<i>Python Programming Fundamentals</i>	<i>AP Computer Science A (4 credits - Seton Hall CSAS111)</i>	<i>Computer Science Capstone (Comp Sci Academy IV)</i>

Engineering Academy

Engineering teaches students that real-world problems often have multiple solutions with many pathways to achieve success. With our engaging courses we can empower our students to explore possibilities, experiment, learn from failure, and turn ideas into reality. Engineering encourages students to adopt a problem-solving mindset, engaging them in compelling, real-world challenges that help them become better collaborators and thinkers.

Eligibility

In order to successfully graduate from the Engineering Academy, students must complete at least 15 credits from the Engineering course offerings and 20 credits of math, including Honors Calculus or AP Calculus AB.

Year 1	Year 2	Year 3 Year 4	
<i>Design and Material Processing</i>	<i>Introduction to Engineering Design</i>	<i>Civil Engineering and Architecture*</i>	<i>Digital Electronics*</i>

* Civil Engineering and Architecture and Digital Electronics will be offered in alternating years. Digital Electronics will run in 2023-24. Civil Engineering and Architecture will run in 2024-25.

International Studies Academy

As we become more interdependent through economic, geopolitical, environmental, and cultural globalization, it is imperative that our students are future ready for engaging and participating in the world at large. The DVRHS International Studies Academy seeks to offer motivated and globally-interested students with the tools they will need in order to pursue careers and studies that create solutions and build bridges between diverse cultures and communities. Through participation and completion of the program, students will develop entrepreneurship skills and focus to be part of the upcoming generation of critically-thinking problem solvers and global citizens.

Students in the International Studies Academy are strongly encouraged to take advantage of DVRHS extra-curricular clubs such as **International Club** or **Model United Nations**. Additionally, students are encouraged to take advantage of summer travel or exchange opportunities.

Eligibility:

In order to successfully graduate from the **International Studies Academy**, students must complete:

- Required Social Studies courses (one year of Global Studies and two years of United States History)
- 20 credits of World Language
- 10 credits of Social Studies electives
- 5 credits of Environmental Science (CP or AP)
- 5 credits of Business (meets Practical Arts requirement)

The New Jersey Seal of Biliteracy

The New Jersey Seal of Biliteracy program recognizes juniors and seniors who have achieved language proficiency in English and a world language prior to graduation. The State of New Jersey awards seniors with a certificate and a seal on their diploma. Delaware Valley recognizes students who achieve the Seal at senior awards night. In order to attain the Seal students must take three or more years of a world language and take the AP test in Spanish or the **STAMP Test** in other world languages. Students must attain a score of 'Intermediate-Mid' on the **STAMP** assessment to receive the Seal or a '4' or '5' on the Advanced Placement Language Exam.



Advanced Placement (AP) Classes

Advanced Placement (AP) courses are available to students who qualify. Advanced Placement courses are college-level classes regulated by The College Board that culminate in a standardized test in May. Through these tests, students have the opportunity to earn credits or advanced standing at many colleges and universities. We are currently working with Raritan Valley Community College, Seton Hall University and Kean University to provide opportunities for some of these courses to be taken for college credit (denoted with *). Other non-AP courses provide an opportunity for college credit (see [Concurrent Enrollment](#)). Courses will run based on staffing availability and student interest. Some courses may run every other year. See the course descriptions for more detail.

Art

AP Studio Art

English

AP English Language & Composition*

AP English Literature & Composition*

Mathematics

AP Calculus AB

AP Calculus BC

AP Computer Science Principles

AP Computer Science A*

AP Statistics

Music

AP Music Theory*

Science

AP Biology*

AP Chemistry

AP Environmental Science*

AP Physics I*

AP Physics II or AP Physics C*

Social Studies

AP Art History*

AP European History*

AP Macroeconomics

AP Psychology

AP US Government & Politics

AP US History*

World Language

AP Spanish Language & Culture*

Course Placement

Course placement for students of Delaware Valley Regional High School is a comprehensive and collaborative process on the part of the faculty. DVRHS believes that learning is maximized when students are placed in appropriate academic courses. The placement process is designed to ensure that students are challenged academically, engaged intellectually, and successfully develop college and career-ready skills.

A student's individual course placement is reviewed systematically each year and is based on their progress in current courses. Several different indicators are used as guidelines to determine placement for the following year. As a base, students will be placed at a College Prep (CP) level unless their most recent academic growth determines changes to their subject-specific placement are necessary.

Guidelines for Course Advancement, Continuation, and Support

Course Advancement <i>To move placement from Academic to CP, CP to Honors, or Honors to AP</i>	
Criteria	Current Course
Teacher Recommendation	Yes
Final Grade	93 or higher
Final Exam	87 or higher
Portfolio Review	Proficient or higher
Standardized Assessment Score(s)	Advanced Proficient
Academic History	Demonstrated Growth
Course Continuation <i>To maintain current level of Honors/AP placement</i>	
Criteria	Current Advanced Course
Teacher Recommendation	Yes
Final Grade	83 or higher
Midterm and Final Exam	80 or higher
Portfolio Review	Proficient or higher
Standardized Assessment Score(s)	Advanced Proficient
Academic History	Consistent or Improved Growth
Support Course Placement <i>To move placement from CP to Academic</i>	
Criteria	Current Course
Teacher Recommendation	Yes
Final Grade	70 or below
Midterm and Final Exam	65 or below
Portfolio Review	Proficient or below
Standardized Assessment Score(s)	Partially Proficient
Academic History	Inconsistent Growth

Course Level Change Process

The teaching staff, counseling department, and curriculum supervisors carefully consider the scheduling of each student. Students, however, are afforded a pathway to enroll in courses that the district does not believe they have demonstrated the required proficiency.

The first round of teacher recommendations are made in late December with adjustments made in May. Students who meet the prerequisites but do not get a necessary teacher recommendation may apply for a course level change. Course level change requests will not be considered for students who fail to meet a minimum score on any of the applicable standardized tests.

The Course Level Change process is done electronically. Students should talk to their counselor about changing a course level and to get the link to the application.

SECTION 2

COURSE CATALOG

Art
Business
English
English as a Second Language
Mathematics
Music
Performing Arts (Dance & Theatre)
Physical Education & Health
Practical Arts
Science
Skills for the 21st Century
Social Studies
World Languages
Special Education
Accelerated Credit Program
Electives Charts
Academic Planning Guide

ART (VISUAL)

Supervisor: Kyle Tinnes

The Visual Art Department exposes students to creativity, problem-solving, aesthetics and kinesthetic learning. The New Jersey Student Learning Standards for Visual and Performing Arts state as their mission "the arts enable personal, intellectual, social, economic, and human growth by fostering creativity and providing opportunities for expression beyond the limits of language." All courses in the Art Department are elective courses. It should be noted that Art courses are one semester, not full-year, with the exception of Fundamentals of Art and AP Studio Art. Art courses fulfill a student's Visual & Performing Arts credit requirement.

COLOR & DESIGN (#8204)

Grades 9-12

2.5 Credits

Students will be exposed to the basic fundamentals of drawing, painting, printmaking, ceramics and sculpture. On a two-dimensional scale, students will become involved in value, light, form, texture, color theory, and utilizing the basic design elements and design principles to create a variety of compositions. On a three-dimensional scale, students will become involved in basic ceramics, sculpture and textile design methods and processes. Students will not only produce works of art, but will also develop an understanding of the history, aesthetics and criticism involved when looking at a variety of art works. Students will also explore career possibilities in the arts.

CERAMICS I (#8213)

Grades 9-12

2.5 Credits

This course focuses on introducing students to the fundamental methods of forming clay. Students will be introduced to an array of basic forming techniques. Handbuilding and wheel throwing methods will be demonstrated and explored through a variety of challenging assignments. Craftsmanship, creativity, and an appreciation for the elements that are inherent to all functional and non-traditional pottery will be emphasized. Specific terminology and the safe use of materials will be stressed. Students will explore various types of glazing and firing techniques to create finished works. Through a survey of historical artifacts and events, students will examine the significant role clay/ceramics have played in the development of many cultures and art movements. Additionally, students will participate in both written and oral class critiques.

CERAMICS II (#8209)

Grades 9-12

2.5 Credits

Prerequisite: *Ceramics I*

This course serves as a continuation of the introductory course with a focus on refining and building on the skills previously discussed. There will be an emphasis on wheel thrown pottery that will allow the students to make larger and more complex pieces. Hand building techniques (i.e. slabs and coils) will be addressed. Students will be encouraged to explore more complex and technical forms. Various decorating and firing techniques will be revisited and more sophisticated glazing techniques will be introduced. Students will acquire a better understanding of the nature of clay, glazes, and the ceramic processes through class discussions. Students will continue to participate in both written and oral class critiques honing their ability to effectively criticize art.

CERAMICS III (#8214)

Grades 10-12

2.5 Credits

Prerequisite: *Ceramics II*

This course builds on everything learned in Intro to Ceramics and Ceramics II. This is a hands-on class where you will use your knowledge of different techniques, materials, glazes, and decorative methods used in the ceramics arts, as well as experiment with new techniques discovered along the way. An emphasis will be placed on the student's creative process, independent studio sessions, project management, and final product. This course is for the serious student who is considering art as a college or career path.

DRAWING I (#8206)

Grades 9-12

2.5 Credits

Drawing I is designed to introduce students to basic drawing techniques such as line, texture, space, value, light, shades, composition, and creative expression. Learning to see objects and portray perspective will be approached through "right brain" exercises. Developing an awareness of the relationship between artistic perception and technique is one of the most important ingredients of this course. Utilization of color will be an important component in creating realistic and abstract compositions. Students will not only learn to draw, but also develop an understanding of the history, aesthetics, and criticism of various masters' works. Students will also explore career possibilities in the field.

DRAWING II (#8215)

Grades 9-12

2.5 Credits

Prerequisite: *Drawing I*

This course introduces students to the foundational level of illustration problem-solving and conceptualization through drawing, painting, and source-gathering processes. Students will expand their drawing and painting abilities through a variety of mediums, including pencil, pen and ink, conte crayons, gouache, watercolor, and pastels. Emphasis will be placed on each student's individual growth, creative expression, and production of a variety of illustrations. This course is designed to foster sound aesthetic and critical values necessary to appreciate a variety of illustrations, as well as a historical background of illustration. Students will also explore career opportunities.

INTRODUCTION TO PHOTOGRAPHY (#8227)

Grades 10-12

5 Credits

Introduction to Photography is an art/technology course that applies the design, color theory and observational skills learned in Color & Design. Emphasis will be on understanding Digital Photography and Photoshop in developing creative use of digital photography as an art form in its many variations. This course will explore digital imaging through the use of the digital camera, Photoshop, and scanning. Basic technical information related to the use of digital photography and the use of Photoshop in assisting with photography will be investigated and applied. Basic photographic and Photoshop concepts and terminology will be explored. Major emphasis will be placed upon the creation of original photographic works of art as it relates to photography in fine art, graphic art, commercial use, advertising, photojournalism, and publication. This course is offered to students who desire to further their artistic and technological skills and for those desiring to enter a commercial art field, fine art field, Web design or general photography. Students will develop original works of photographic art such as landscape, portrait, advertisements, macro, depth of field and many other projects that will result in final photographic renditions. Students will be able to apply the skills learned in this course to related art careers.

PHOTOGRAPHY ADVANCED (#8226)

Grades 11-12

2.5 Credits

Prerequisite: *Introduction to Photography*

This is an advanced digital photography class that will further the skills learned from Intro to Photography I. Students will learn how to shoot in RAW (image format or digital negative) and how to create HDR (high definition resolution) images. Professional Studio lighting and photography will continue where students will create a series of still-life and studio portraits building an advanced portfolio. Plus, students will continue to build upon their Photoshop skills; with each unit they will learn the cultural / historical background of the projects. The students will critique and create a portfolio of work.

SCULPTURE (#8211)

Grades 9-12

2.5 Credits

This course will build on the fundamentals and skills acquired from previous classes. Students will be introduced to more sophisticated materials and methods of working with three-dimensional forms. Additionally, this course will provide a historical overview of sculpture and the various aspects that govern the production and esthetics of 3-dimensional objects. The introduction to hand and power tools with an emphasis on safe shop practices are a critical component to this course. Mediums and methods may include plaster, clay, stone, metal, wood, casting techniques and wire forms. Challenging assignments and participation in regular classroom critiques will promote a solid theoretical and practical understanding of the process of making sculptural forms.

AP STUDIO ART (#8205)

Grades 11-12

5 Credits

Prerequisites: 10 credits in Art courses, portfolio review, and teacher recommendation

The *AP Studio Art* coursework is a series of courses designed for upperclassmen who have demonstrated competency in several other art courses offered in a specialized area of focus. The student will work independently, focusing on one of the three course options: Drawing, 3D Design, or 2D Design. Artist research, readings, experimentation, reflections, and critical analysis are an integral part of the course, which is designed to foster sound aesthetic and critical values necessary to appreciate a variety of artwork, as well as the history behind them. The student will be exposed to diverse media, styles, subjects and content. AP Studio Art students create a portfolio of work for submission and evaluation by the College Board at the end of the school year. This course can be taken more than once as long as the area of focus is different.

BUSINESS

Supervisor: Kyle Tinnes

The Business Department offers a wide array of classes to hone a student's computer and problem-solving skills. Business classes address two of the missions of the New Jersey Student Learning Standards for Technology and for 21st Century Life and Careers. "Technology enables students to solve real-world problems, enhance life, and extend human capability as they meet the challenges of a dynamic global society." In addition, these classes help to foster strong communication and presentation skills. These classes will prepare students for the 21st century. "21st-century life and career skills enable students to make informed decisions that prepare them to engage as active citizens in a dynamic global society and to successfully meet the challenges and opportunities of the 21st-century global workplace."

INTRODUCTION TO BUSINESS MANAGEMENT (#8843)

Grades 9-12

5 Credits

This course is for the student interested in exploring the field of business for the first time. Perhaps you would like to own or operate your own business one day. This course is designed to help the student acquire an understanding of business organization, procedures, and management. Students will also acquire skills for the workplace, whether that is in person or online. Content will provide an introduction to most aspects of a business enterprise, such as marketing, sales, customer support, financing, human resources, legal services, information technology (IT), accounting, leadership, and research and development.

PRINCIPLES OF MARKETING (#8845)

Grades 10-12

5 Credits

Prerequisite: Introduction to Business Management

This course will expose you to the foundations and functions needed to successfully market goods, services and ideas to consumers. While you study business foundations, economics, selling, human relations, communications, logistics, promotion, product planning, and pricing, you will also see marketing as a career choice from a "big picture" perspective. In addition to the development of a marketing plan, students will plan, create and produce advertising campaigns which will include all major media; including television, print and digital/social channels. Sports and entertainment marketing will also be examined over the course of the year.

ACCOUNTING (#8821)

Grades 9-12

5 Credits

Prerequisite: Algebra I (CP)

Accounting is an essential aspect of every business institution and organization. As future workers, small business owners, and entrepreneurs, students who understand basic accounting principles will more knowledgeably manage their company's financial resources. As citizens, future home managers, and investors, students who take Accounting will be better prepared to make the economic decisions that will affect their communities and to make the financial decisions that will affect their own economic futures.

ENTREPRENEURSHIP (#8844)

Grades 10-12

5 Credits

Prerequisite: Introduction to Business Management

Entrepreneurship-I is a simulated business practice that provides students with the skills and knowledge currently needed to succeed in today's global business world. The students first determine the nature of their business; including products, services, organizational structure, and the hierarchy of management. Students select to work in different departments of their businesses, i.e., Administration, Accounting/Finance, Sales, Marketing, Human Resources, Communications, and Technology. The class selects a CEO and managers who oversee each department. Working in teams to make decisions about how to complete their departmental tasks in support of company goals and objectives, students learn from both their successes and mistakes. The course then progresses to the daily operations of running a business. Students will be conducting business transactions with other Virtual Enterprise firms and engage in trade with 5,000 other Virtual Enterprise firms around the nation and across the globe.

GENERAL ELECTIVES

EDITORIAL LAYOUT & DESIGN I (#3921)

Grades 9-12

5 Credits

This course does not meet the state requirement for a Fine or Practical Art.

Students taking this course will be responsible for producing the school yearbook. Designing yearbook layouts, writing, editing copy, and the art of selecting pictures that tell the story are just a few of the areas covered by the course. Students will study the technical know-how of the publishing business, desktop publishing, and general business methods. The 4th marking period is dedicated to using the skills learned in producing the school's yearbook to produce a 20-page personalized yearbook project. Solid keyboarding, word processing, writing and editing skills are essential for the course. Photography and Photoshop skills are recommended but not required.

EDITORIAL LAYOUT & DESIGN II (#3922)

Grades 10-12

5 Credits

Prerequisites: Editorial Layout & Design I, and teacher's approval

This course does not meet the state requirement for a Fine or Practical Art.

This elective builds upon the principles learned in *Editorial Layout & Design I*. Students will take an active leadership role in producing, managing the finances and marketing-the school's yearbook. The student team will be responsible for ladder planning, editing, troubleshooting, and the-management of digital files. The class will also manage the financial aspects of production including sales, cost analysis and goal-setting. An emphasis will be placed on students creating a marketing and advertising campaign designed to effectively-promote product awareness leading to generating sales.

EDITORIAL LAYOUT & DESIGN III/IV - Editorial Chief (#3923/#3924)

Grades 11-12

5 Credits

Prerequisites: *Editorial Layout & Design I & II*, and teacher's approval

This course does not meet the state requirement for a Fine or Practical Art.

This elective builds upon the principles & leadership roles learned in Editorial Layout & Design I & II. Selected students will assume the key position of Editorial Chief (EC) working closely with the Yearbook Advisor on the overall yearly operating plan, progress of the operating cycle, and page layouts. The EC will actively provide direct assistance and guidance to first and second year Editors as needed. In coordination with the Yearbook Advisor, the EC will provide valued input on production areas including ladder planning; selection of system tools; page/section design; fundraising campaigns; communications with the Administration, school staff and students as needed; as well as management of yearbook operational needs. The EC will also champion selected page/section layout assignments in concert with similar work of entry level or second year editors.

ENGLISH

Supervisor: Tara Civitillo

English is required in each of the four years in high school. Each student is placed in the level that best matches his or her combined ability. The selection criteria include the student's ability, past performance, test results, teacher recommendation and counselor concurrence. With demonstrated success, students are able to move between class levels. The English coursework is based on the New Jersey Student Learning Standards, which intend to "provide a consistent, clear understanding of what students are expected to learn, so teachers and parents know what they need to do to help them. The standards are designed to be robust and relevant to the real world, reflecting the knowledge and skills that our young people need for success in college and careers. With American students fully prepared for the future, our communities will be best positioned to compete successfully in the global economy."

ENGLISH I Academic (#3113)

Grade 9

5 Credits

Through the concept of the hero, students will experience the hero's rite of passage and learn about the necessary journey that all heroes must make. Students will be exposed to diverse literary forms. They will develop and practice skills in reading, writing, critical thinking, speaking, listening and viewing. The course will also emphasize practical aspects of English and communication, including vocabulary, grammar, and the research process. Students receive early preparation for both the NJSLA and P/SAT tests. Major works covered include world mythology, selections from *The Odyssey*, and *To Kill a Mockingbird*.

ENGLISH I CP (#3120)

Grade 9

5 Credits

Through the concept of the hero, students will experience the hero's rite of passage and learn about the necessary journey that all heroes must make. Beginning with mythological heroes and culminating with the modern anti-hero, this course introduces this protagonist to students and develops their understanding of human struggle in literature, film and life. Students will be exposed to diverse literary forms. They will develop and practice skills in reading, writing, critical thinking, speaking, listening and viewing. The course will also emphasize practical aspects of English and communication, including vocabulary, grammar, and the research process. Major works covered include world mythology, *The Odyssey*, and *To Kill a Mockingbird*. Students receive early preparation for both the NJSLA and P/SAT tests. Students are required to complete both class-assigned and independent reading on their own. This course is designed as the first step in preparing college-bound students for their future, and involves more abstract thinking, intensive essay writing and more independent work than the Academic level course.

ENGLISH I Honors (#3130)

Grade 9

5 Credits

This course is designed for the 9th grade student who has the interest and ability to accept a program with increased challenges beyond that of College Prep. Its primary purpose is to stimulate the student to read more widely and think more critically. Through the concept of the hero, students will experience the hero's rite of passage and learn about the necessary journey that all heroes must make. Students will be exposed to diverse literary forms and develop and practice skills in reading, writing, critical thinking, speaking, listening and viewing. Major works that may be covered include mythology, *The Odyssey*, *Sir Gawain and the Green Knight*, *Julius Caesar*, *To Kill a Mockingbird* and *A Separate Peace*. The course will also emphasize practical aspects of English and communication, including vocabulary, grammar, and the research process. Students receive vigorous early preparation for both the NJSLA and P/SAT. This course is designed as the first step in preparing college-bound students for their future.

ENGLISH II Academic (#3211)

Grade 10

5 Credits

This course explores the concept of the development and ideas behind the American Dream since the pre-Colonial era, requiring students to analyze Native American influences, seminal U.S. documents, pivotal speeches, and major texts from throughout American history. Students will read, view, and listen to a multitude of texts including *The Great Gatsby* and/or *Of Mice and Men* and additional media such as poetry, short stories, plays, novels, films, documentaries, speeches, and podcasts. Students will view these texts through literary lenses as they develop their reading and writing skills. Selections will be added when appropriate by teachers and students to deepen the conversations of the development of American texts and literature. Additionally, preparation for the NJSLA and P/SAT is incorporated into the curriculum throughout the school year. The study of vocabulary and grammar is ongoing and builds upon previous years of study.

ENGLISH II CP (#3220)

Grade 10

5 Credits

This course explores the concept of the development and ideas behind the American Dream since the pre-Colonial era, requiring students to analyze Native American influences, seminal U.S. documents, pivotal speeches, and major texts from throughout American history. Students will read, view, and listen to a multitude of texts including *The Great Gatsby* and/or *Of Mice and Men* and additional media such as poetry, short stories, plays, novels, films, documentaries, speeches, and podcasts. Students will view these texts through literary lenses as they develop their reading and writing skills. Selections will be added when appropriate by teachers and students to deepen the conversations of the development of American texts and literature. Students are required to complete independent reading throughout the year. Additionally, in-depth preparation for the NJSLA and P/SAT is incorporated into the curriculum throughout the school year. The study of vocabulary and grammar is ongoing and builds upon previous years of study.

ENGLISH II Honors (#3230)

Grade 10

5 Credits

This course will provide students with an intense, thematic study of American literature. This is a challenging course that requires students to read and write critically and analytically. Canonical works include *The Crucible*, *The Scarlet Letter*, *The Great Gatsby*, *Of Mice and Men*, and *Their Eyes Were Watching God*. Students will also read poems, short stories, fiction, political documents, memoirs, and various speeches and essays from an array of literary periods. Recurring themes include the American Dream, American identities, individualism, conformity, and freedom. A great deal of emphasis is placed on rhetorical analysis and research writing, along with class discussions and the exchange of opinions and ideas. Additionally, in-depth preparation for the NJSLA and P/SAT is incorporated into the curriculum throughout the school year. The study of vocabulary and grammar is ongoing and builds upon previous years of study. This course systematically prepares students for the academic rigors of college-level Advanced Placement III & IV.

ENGLISH II: NARRATIVE JOURNALISM Honors (#3918)

Grade 10

5 Credits

Prerequisite: English I; and Teacher recommendation

The power of the written word is unlike any other. It can turn a blank page into another universe or allow readers to walk in someone else's shoes. It can quite literally change the world. This course will teach students to become better readers and writers by studying award-winning writers and the art of journalism. During this course, students will learn the history and art of journalism as they work as part of *The Delphi* student newspaper while studying the writing of Pulitzer Prize-winning writers and award-winning authors. As they do so, they will discuss the ethics of professional, published writing as they publish their own writing in the newspaper and by entering a variety of writing contests. Authors to be studied may include Ray Bradbury, Gwendolyn Brooks, Ernest Hemingway and Arthur Miller. Additionally, in-depth preparation for the NJSLA and P/SAT is incorporated into the curriculum throughout the school year. The study of vocabulary and grammar is ongoing and builds upon previous years of study. This course systematically prepares students for the academic rigors of college-level Advanced Placement III & IV or to continue through to Journalistic Analysis III & IV.

JUNIOR AND SENIOR CORE ENGLISH OPTIONS

APOCALYPTIC-DYSTOPIAN FICTION (#3332)

Grades 11-12

5 Credits

This genre-specific course focuses on Apocalyptic-Dystopian Fiction in both the past and contemporary literature. The course will define "Utopia" and "Dystopia," as well as the significance of those definitions, state, explain, and apply the purposes of the genre, and analyze the dystopian hero as he relates to the context of the genre. It will also track the development of the genre across time and in various cultures. Film, television, video games, and art will be integrated to enhance the students' experience and understanding of the course material. Written assignments, critical thinking and analysis, and regular participation are required. Students will also develop their own arguments through rhetorical and analytical analysis essays. Students will also go through the research process from beginning to end culminating in a research paper. Creative writing will also be integrated as students create their own dystopian fiction. Additionally, preparation for the P/SAT is incorporated into the curriculum throughout the school year. The study of vocabulary and grammar is ongoing and builds-upon previous years of study.

CRIME & LITERATURE (#3312)

Grades 11-12

5 Credits

What explains the human fascination with the corrupt and illicit? How does both the reporting and dramatization of unlawful acts impact our society's view of crime, criminals, law enforcement, and the judicial system? This course focuses on the evolution of writing about crime and the various purposes this writing has aimed to serve throughout its history. Our studies will include short and full-length works of fiction, nonfiction, and poetry as well as a variety of other genres such as podcasts and films, offering student choice whenever practicable. This investigation will serve as a way of engaging students and expanding their analytical skills in reading, as well as written and visual inquiry. The course will also work to foster speaking and listening skills, and investigate career fields related to the field of crime investigation and reporting. A great deal of emphasis is placed on informational writing, narrative writing, and research writing. This course is aligned with the New Jersey English Student Learning Standards. Additionally, preparation for the P/SAT is incorporated into the curriculum throughout the school year. The study of vocabulary and grammar is ongoing and builds upon previous years of study.

SPORTS & LITERATURE (#3412)

Grades 11-12

5 Credits

This course is designed to develop critical proficiency in the study of sports literature; in addition to, fostering skillful achievement in writing, reading, listening, viewing, and speaking for both college and career opportunities. This course is a study of sport as portrayed through short stories, poems, essays, works of fiction and non-fiction, film, podcasts, and other mediums whose central focus is sport. This course explores the role sport plays in our society, both politically and economically; as well as how sport shapes our ethical and moral identity. A great deal of emphasis is placed on informational writing, narrative writing, and research writing. Additionally, preparation for the P/SAT is incorporated into the curriculum throughout the school year. The study of vocabulary and grammar is ongoing and builds-upon previous years of study.

STRANGER THINGS: GOTHIC & HORROR LITERATURE (#3425)

Grades 11-12

5 Credits

The Gothic/Horror genre is one that has permeated centuries of literature. This course will trace the evolution of the genre and its protagonists through the past few centuries while trying to determine how the human psyche copes with stressful, and sometimes supernatural, conflicts. Students will investigate the life and minds of gothic authors to discover what this genre reveals about human nature and our ability to survive even the most unimaginable circumstances. This course will help develop students' reading comprehension, writing, critical thinking, and speaking skills. Potential texts for study include "The Raven," *The Legend of Sleepy Hollow*, and *I Am Legend*. This course is aligned with the New Jersey English Student Learning Standards. Additionally, preparation for the P/SAT is incorporated into the curriculum throughout the school year. The study of vocabulary and grammar is ongoing and builds upon previous years of study.



ENGLISH CSI: COMPOSITION & SCIENTIFIC INQUIRY (#3322)

COLLEGE CREDIT APPROVAL PENDING

Grades 11-12

5 Credits

This course utilizes a variety of scientifically-focused nonfiction and fiction texts to drive the writing and revising of essays based on scientific themes. Critical thinking and discussion are key elements as scientific ethics and innovations will be addressed. Texts may include *The Immortal Life of Henrietta Lacks*, podcasts such as *Dr. Death*, and documentaries such as *Icarus*. This course also provides training in methods of library research and the mechanics of MLA and APA citation, quotation, and paraphrase in the writing of longer research papers. Students will also be introduced to grant and scientific writing. This course is aligned with the New Jersey English Student Learning Standards. Additionally, preparation for the P/SAT is incorporated into the curriculum throughout the school year. The study of vocabulary and grammar is ongoing and builds upon previous years of study.

PENDING COLLEGE APPROVAL: Students MAY be able choose to take the course for three college credits. The cost to receive college credits is a reduced rate from normal credit courses at Seton Hall University.



ART OF COMMUNICATION & PERSUASION (#3426)

Grades 11-12

5 Credits

This course is designed to provide students with a variety of formal and informal public speaking opportunities in preparation for the professional world. No matter where life may take a student, everyone needs to be able to speak confidently and effectively in a public setting. Students will study the theories of former presidential speech writer, William Safire, and Greek philosopher, Aristotle, in order to enhance their understanding of the spoken word and speech construction. During the course, students will also study famous speeches throughout history, which will be paired with multiple student-constructed speeches over the course of the semester in order to enhance their speaking, listening, and writing skills. The course will also provide students with college-level research assignments in order to better inform their writing and arguments. This course is aligned with the New Jersey English Student Learning Standards. Texts may include novels, nonfiction resources, and films such as *The King's Speech*. Additionally, preparation for the P/SAT is incorporated into the curriculum throughout the school year. The study of vocabulary and grammar is ongoing and builds upon previous years of study.

Students may choose to take the course for three college credits (Oral Communications). The cost to receive college credits is a reduced rate from normal credit courses at Seton Hall University.

ENGLISH COMPOSITION & LITERATURE II (#3422)



Grade 12

5 Credits

Prerequisite: English Composition & Literature I (#3321) & 83% GPA for RV Credit

Much of the curriculum is dictated by Raritan Valley Community College. This course continues to expand and refine analytical writing and critical reading skills begun in Composition & Literature I. Students produce a series of documented essays based on a range of fiction and non-fiction sources, focusing on the challenges posed by writing longer essays and using advanced research techniques. Students are required to complete both class and independent reading throughout the year. This course is aligned with the New Jersey English Student Learning Standards.

RVCC Registration begins in summer of 2023. Students must have completed English Composition & Literature I for RVCC credit in order to earn college credit for this course (English Composition II), but may take it without earning college credit. If you have any questions, email CEP@dvrhs.org.

CONTEMPORARY DRAMA: PLAYS & PERFORMANCE Honors (#3966)



Grades 11-12

5 Credits

Prerequisite: *Introduction to Dance; or Performing Arts I & II; or Taking the Stage; or English II*

Designed to elevate the students' understanding, appreciation, and critical perceptions of theatre, *Contemporary Drama: Plays & Performance* is an intense, hands-on, and highly collaborative course that challenges students to explore and investigate the merits of modern theatre. Through the works of Tennessee Williams, Neil Simon, August Wilson, Edward Albee, and Tracy Letts, students will immerse themselves into contemporary dramatic fiction and identify theatre's continued development as an art form and social phenomenon. Along their journey, students will evaluate the roles and contributions of playwright, actor, director, designer, and audience, which synthesize to form a complete experience called "theatre". Ultimately, students will gain an appreciation for the unique ability of drama to affect the human state, both personally and collectively. Because *Contemporary Drama* runs as an English class, as well as a Theatre elective, it emphasizes vocabulary enrichment, compositional & research skills, and SAT & NJSLA preparation.

Students may choose to take the course for three college credits (Introduction to Theater). The cost to receive college credits is a reduced rate from normal credit courses at Raritan Valley Community College..



CREATIVE WRITING Honors (#3951)

Grades 11-12

5 Credits

This learn-by-doing, workshop-style class develops each student's skills in writing short stories, poetry, screenplays, and a variety of nonfiction forms. Daily writing practice and a variety of exercises build fluency, while reading and analyzing models from literature and books on technique, style, and form build a critical ear. Self-assessment and peer review are used extensively. Each marking period, students construct a portfolio of work for assessment in which the process and development as a writer are evaluated. This is an Honors-level course that will require independent reading, writing, as well as several research-based analytical essays throughout the year. This course is aligned with the New Jersey English Student Learning Standards. Students will be required to complete P/SAT and other standardized test practice, as well as Membean vocabulary training if taking this course as their English-requirement for the academic year.

Students may choose to take the course for three college credits (Introduction to Creative Writing). The cost to receive college credits is a reduced rate from normal credit courses at Seton Hall University.



FILM AND LITERATURE - Honors (#3423)

Grade 12

5 Credits

This course explores major contributions to the development of motion pictures. Beginning with George Méliès “A Trip to the Moon” and moving through cultural and technological movements to modern movies, students will study a wide range of film and literary texts. Students will also explore the impact of the rating systems and cultural and historical shifts on content. This course heavily relies on student analysis, discussion, and research writing utilizing MLA format. Students are required to select and view films and read texts on their own completing several MLA-formatted research essays each marking period. Recorded presentations will be required. Students must be able to watch school-appropriate unrated and rated-R materials for participation in this course. This course is aligned with the New Jersey English Student Learning Standards. Additionally, preparation for the P/SAT is incorporated into the curriculum throughout the school year. The study of vocabulary and grammar is ongoing and builds upon previous years of study.

Students may choose to take the course for three college credits (Introduction to Visual Theory and Technique). The cost to receive college credits is a reduced rate from normal credit courses at Seton Hall University.



JOURNALISTIC WRITING & ANALYSIS III Honors (#3915)

Grades 11-12

5 Credits

Prerequisites: *Journalism II* or *English II: Narrative Journalism*; and Journalism teacher recommendation

This elective course will build upon the skills students have learned in *Journalism I* and *II*. Students will begin to take on the role of an editor-in-chief, develop a more advanced understanding of digital publication layout, and they publish their work in local newspapers when possible. Students will also create their own weekly columns and delve into the art of photojournalism. This course may run concurrently with the *Journalism II* and *IV* classes. This course is aligned with the New Jersey English Student Learning Standards.

Seniors may take this course as their English requirement; if taken as English credit: Preparation for the P/SAT is incorporated into the curriculum throughout the school year. The study of vocabulary and grammar is ongoing and builds upon previous years of study. Students must be able to complete independent reading and analysis throughout the year and complete high-level MLA-formatted research on their own.

Students may choose to take the course for three college credits (News Reporting). The cost to receive college credits is a reduced rate from normal credit courses at Seton Hall University.



JOURNALISTIC WRITING & ANALYSIS IV Honors (#3916)

Grade 12

5 Credits

Prerequisites: *Journalism III*; and Journalism teacher recommendation

This course teaches students all of the details necessary in order to organize, run, and publish a digital newspaper. Students will take on the role of editor-in-chief, working alongside the teacher in the publication of the many facets of *The Delphi*, as well as instructing students in the Journalism II and III classes. Students will continue to publish articles and work with their editing skills for writing, video, and podcasting in conjunction with their work as an editor. This course may run concurrently with the *Journalism II* and *III* classes.

This course is aligned with the New Jersey English Student Learning Standards. Seniors may take this course as their English requirement; if taken as English credit: Preparation for the P/SAT is incorporated into the curriculum

throughout the school year. The study of vocabulary and grammar is ongoing and builds upon previous years of study. Students must be able to complete independent reading and analysis throughout the year and complete high-level MLA-formatted research on their own.

Students may choose to take the course for three college credits (News Reporting). The cost to receive college credits is a reduced rate from normal credit courses at Seton Hall University.



AP ENGLISH LANGUAGE & COMPOSITION (#3341)

Grade 11-12

5 Credits

This college-level course is designed to help students become skilled readers of prose written in a variety of rhetorical contexts and to become sophisticated writers who compose for a variety of purposes. The College Board states that this course "guides students in becoming curious, critical, and responsive readers of diverse texts and in becoming flexible, reflective writers of texts addressed to diverse audiences for diverse purposes." This course places strong emphasis on the reading, analysis, and composition of a wide variety of shorter non-fiction texts from an array of time periods, authors, and styles on a range of subjects. Additionally, students will also be exposed to a medley of canonical works of American literature as a way to practice these analytical skills, as well as prepare students for the Advanced Placement English Language and Composition exam, which students are required to take. Major works may include *The Great Gatsby*, *The Crucible*, *In Cold Blood*, *Of Mice and Men*, *Their Eyes Were Watching God* and *One Flew Over the Cuckoo's Nest*. The course also emphasizes vocabulary expansion, grammatical skills, and SAT and NJSLA preparation.

Students may choose to take the course for three college credits (Core English I). The cost to receive college credits is a reduced rate from normal credit courses at Seton Hall University.



AP ENGLISH LITERATURE & COMPOSITION (#3441)

Grade 12

5 Credits

AP Literature and Composition is an introductory college-level literature course that focuses on analyzing literary texts from around the world through a variety of lenses. Students will be exposed to some of the most prolific authors and poets to have ever set pen to page while learning how to read fictional texts at the college level. The class will focus on close-reading skills, poetic construction and analysis, and various essay writing styles. Frequent writing assignments develop the ability to interpret and critically evaluate literary works in preparation for the May Advanced Placement English exam. This class is significantly student-driven, and a passion for literature and reading is a must. Texts of study may include *Pride and Prejudice*, *A Thousand Splendid Suns*, *Frankenstein*, *Oedipus Rex*, and *Candide*.

Students may choose to take the course for three college credits (Core English II). The cost to receive college credits is a reduced rate from normal credit courses at Seton Hall University.

~ English ELECTIVES ~

***JOURNALISM I* (#3911)**

Grades 9-12

5 Credits

This elective course will help the students develop an appreciation for writing publications through theory and application. Through the textbook lessons as well as through practice, students will develop skills for approaching and producing news, features and sports articles. This includes developing interesting interview questions, conducting interviews, doing background research, and structuring writing according to the type of articles. Ultimately, their work will regularly be published online, on social media, and in print, in *The Delphi*, and when opportunities arise, professionally published in local newspapers. The students will also be reading online newspapers, such as *The New York Times*, on a regular basis for exposure to excellence in journalism.

***JOURNALISM II* (#3912)**

Grades 10-12

5 Credits

Prerequisites: *Journalism I* and teacher recommendation

In *Journalism II*, students will continue to interview, write articles, edit, and use online publishing. In addition, students will complete independent projects and be responsible for editing and proofreading articles. These students are expected to be proficient in the journalistic style of writing. Students will also discuss the dangers of Fake News, experiment with the genres of documentaries and podcasts, and explore the art of extended and live news coverage via social media and the internet. This course will run concurrently with the *Journalism III* and *IV* classes.



***JOURNALISTIC WRITING & ANALYSIS III* (#3915)**

Grades 11-12

5 Credits

Prerequisites: *Journalism I*, or *Journalism II*, or *English II: Narrative Journalism*; and Journalism teacher recommendation

This course requires the successful completion of *Journalism I* and *II*, as well as a teacher recommendation. These students have proven their understanding of journalistic writing, editing, and awareness of bias. They will build upon the skills students have learned in *Journalism I* and *II*, beginning to take on the role of an editor-in-chief, develop a more advanced understanding of digital publication layout, and publish their work in local newspapers when possible. These students have demonstrated the maturity to work independently of the instructor's direct instruction and will also create their own weekly columns and delve into the art of photojournalism. This course will run concurrently with the *Journalism II* and *IV* classes.

This course is aligned with the New Jersey English Student Learning Standards. If taken as English credit: Preparation for the P/SAT is incorporated into the curriculum throughout the school year. The study of vocabulary and grammar is ongoing and builds upon previous years of study.

Students may choose to take the course for three college credits (News Reporting). The cost to receive college credits is a reduced rate from normal credit courses at Seton Hall University.

ENGLISH AS A SECOND LANGUAGE

Supervisor: James Kluska

The English as a Second Language program is a High Intensity Model that offers two 84-minute blocks of instruction to English Language Learners. Additional support is given for the content areas. ESL teachers work with content area teachers to scaffold and differentiate for ELLs. All students are required to take the ACCESS for ELLs yearly assessment to measure language progress. Students are screened using the WIDA Model test and placed in classes according to language level and prior schooling.

ESL READING AND CONTENT I & II (#7012, #7014)

Grade 9-12

5 Credits

ESL Reading and Content is a full year, five-credit course aligned with WIDA Level 1-4 Entering – Expanding Levels and covers a variety of literature and writing styles. The course provides individual and group instruction to those who are lower-level English Language Learners. Conversation practice, vocabulary building with a focus on developing literacy skills are emphasized, along with learning to write sentences, paragraphs, and journal entries. Students are introduced to the writing process and writing strategies. Students will read, analyze, and discuss main ideas and authors to master basic reading strategies. Students will encounter both formative and summative assessments in the classroom.

ESL SUPPORT I & II (#7011, #7013)

Grade 9-12

5 Credits

ESL Support is a full year, five-credit course aligned with WIDA Level 1-4 Entering – Expanding Levels. The course is designed to support English Language Learners in their content area coursework via major themes that overlap throughout content areas. Students will begin to learn how to use higher order thinking skills to analyze, compare, contrast, evaluate, create, and synthesize information in the content areas. Students will develop academic content vocabulary that applies to each content area as well as across the content areas. Students will be guided to use academic content vocabulary in conversations and writing.

ESL SUPERVISED STUDY (#7019)

Grade 9-12

5 Credits

The Supervised Study is a transition and monitoring class for students who have recently exited from a language program at Delaware Valley, a sending district, or a transfer district. Students will receive support in their core content area classes. The course also provides students with opportunities for supplementary instruction to assist with writing in the core content classes.

MATHEMATICS

Supervisor: Michael Gurysh

Each student is required to pass 15 credits including Algebra I content, geometry content, and a third year of math that builds upon Algebra I and Geometry and prepares students for college and 21st century careers. Each student is placed in the level that best matches his or her combined ability and career goals. The selection criteria include the student's ability, past performance, test results, teacher recommendation and counselor concurrence. With demonstrated success, students are able to move between class levels.

The Mathematics coursework is based on the New Jersey Student Learning Standards, which intend to "provide a consistent, clear understanding of what students are expected to learn, so teachers and parents know what they need to do to help them. The standards are designed to be robust and relevant to the real world, reflecting the knowledge and skills that our young people need for success in college and careers."

ALGEBRA I ACADEMIC (#5110)

Grade 9

5 Credits

This is the first-year course of a general level mathematics program designed to reinforce basic computational skills with whole numbers, decimals, fractions and percent. Students will explore Algebra topics, such as solving equations, linear equations, and simplifying algebraic expressions involving exponents. Students will perform data analysis and graphing. Emphasis will be placed on problem solving and concepts related to the state testing program. Students enrolled in this course will also be enrolled in 21st Century Skills-Algebra to provide an additional 2.5 credits of Algebra to prepare them to take the Algebra I NJSLA assessment.

21ST CENTURY SKILLS - ALGEBRA (#3956)

Grades 9-10

2.5 Credits

This course is designed to run concurrently for all students enrolled in Algebra I Academic or Algebra I CP. While touching on the concepts of 21st Century Skills, this course will be taught by a mathematics teacher and will provide additional Algebra I instruction to prepare students for the Algebra I NJSLA assessment. Students will take this course with students in their level of Algebra. Additionally students will also be scheduled for Financial Literacy.

GEOMETRY ACADEMIC (#5210)

Grade 10

5 Credits

Prerequisite: *Algebra I Elements*

This course is the second-year continuation of the general level program. The course introduces topics in plane geometry, including measuring angles, exploring relationships in triangles and polygons, calculating area, perimeter and volume. The course introduces concepts in logic, proofs, and trigonometry. Interactive computer software will be used in selected lessons. Emphasis will be placed on word problems and concepts related to the state testing program. Students will be prepared to take the Geometry NJSLA assessment.

ALGEBRA II ACADEMIC (#5310)

Grade 11

5 Credits

Prerequisite: *Geometry Elements or teacher recommendation*

This course is the third-year continuation of the general level program. Students will review many topics covered in Algebra I and explore Algebra II topics, such as systems of equations, complex numbers, quadratic functions, equations of circles, and continue the study of trigonometry topics. Emphasis will be placed on word problems and concepts related to the state testing program.

ADVANCED ALGEBRA ELEMENTS (#5410)

Grade 12

5 Credits

Prerequisite: *Algebra II Elements*

This course is the fourth-year continuation of the general level program. Students will review topics covered in *Algebra II Elements* and explore other Algebra II topics such as conic sections, trigonometry, polynomial functions, probability and statistics.

ALGEBRA I CP (#5120)

Grades 9-12

5 Credits

This course is a prerequisite for most college preparatory mathematics and science courses. Students must have a strong background in basic math skills. Topics include functions, polynomials, solving and graphing equations, inequalities, factoring binomials and trinomials, fractional equations, linear equations, radical expressions, exponents, and employing the quadratic formula in solving problems. These topics are frequently applied to word problems encountered in both math and sciences. It will also begin early preparation for state mandated tests and SAT exams. Students will be prepared to take the Algebra I NJSLA assessment. Students enrolled in Algebra I CP will also be scheduled for 21st Century Skills and Financial Literacy.

21ST CENTURY SKILLS - Algebra (#3956)

Grades 9-10

2.5 Credits

This course is designed to run concurrently for all students enrolled in Algebra I Academic or Algebra I CP. While touching on the concepts of 21st Century Skills, this course will be taught by a mathematics teacher and will provide additional Algebra I instruction to prepare students for the Algebra I NJSLA assessment. Students will take this course with students in their level of Algebra.

GEOMETRY CP (#5220)

Grades 9-12

5 Credits

Prerequisite: *Algebra I CP*

This is the standard second-year course in our college preparatory mathematics program. Geometric figures are examined in a plane and in space. Parallel lines, parallel planes, congruent and similar triangles, polygons and circles, and areas of geometric figures, and transformations are some of the topics included in this course. Geometric constructions are created utilizing a protractor, compass and straightedge and computer graphics. Surface areas and volumes of geometric solids are examined. Logical thinking is emphasized through the development of proofs. Properties and applications of right triangle trigonometry are introduced. Preparation for state mandated tests and SAT exams are also included in the course. Students will be prepared to take the Geometry NJSLA assessment.

ALGEBRA II CP (#5320)

Grades 10-12

5 Credits

Prerequisite: *Geometry Honors or CP*; teacher recommendation

This course is an intermediate course for college-bound students. New concepts are introduced as extensions of the principles covered earlier in the Algebra I and Geometry programs. Topics include rational expressions, linear equations and inequalities, radicals and rational number exponents, problem solving with the quadratic formula, complex numbers, functions, trigonometric laws and formulas, trigonometric functions, and exponential, logarithmic, and polynomial functions. Word problems, which utilize these topics are presented throughout the year. The course also includes preparation for the SAT and state mandated exams.

PRECALCULUS/TRIGONOMETRY CP (#5421)

Grades 11-12

5 Credits

Prerequisite: *Algebra II CP*

This course is designed for upper-class math students who wish to prepare for a more demanding college program in mathematics or the sciences. Topics included in this challenging course are numbers, relations, functions, trigonometry and its applications, algebraic, exponential and logarithmic functions, matrices, graphs in three-D space, probability and pre-calculus. This course is recommended as an introduction to our *Honors Calculus* program. Although the course calls for extensive use of a graphing calculator, students will also be required to do analysis without one. This course includes SAT preparation.

GEOMETRY Honors (#5230)

Grades 9-12

5 Credits

The topics examined in this course are similar to the topics listed in *Geometry CP*, but the instruction is focused on a more rigorous program. Each of these topics is considered in greater depth with the high-ability mathematics student in mind. In addition to these topics, excursions in trigonometric functions, transformations and fractals are undertaken. Greater emphasis is placed on geometric proofs. Early preparation is also included for state tests and SAT exams.

ALGEBRA II Honors (#5330)

Grades 10-12

5 Credits

Prerequisite: *Geometry Honors or Teacher Recommendation*

Honors Algebra II is an advanced high-school mathematics course designed for high-ability math students. Topics include all topics listed in the *Algebra II CP*, however, those topics are examined with more rigor and at a faster pace. Emphasis is placed on transformations of functions and application problems. Also included in the course is an exploration of probability and introductory statistics.

PRECALCULUS/TRIGONOMETRY Honors (#5431)



Grades 11-12

5 Credits

Prerequisite: *Algebra II Honors or Teacher Recommendation*

Honors Precalculus/Trigonometry is designed to explore basic concepts related to abstract algebra. Topics include algebraic, exponential and logarithmic functions, series and limits, trigonometry, matrices, vectors, conic sections, linear transformations and introductory calculus. In the continuum of our honors mathematics curriculum, *Honors Precalculus/Trigonometry* can be described as a pre-calculus offering, which permits the

student to initiate a serious study of calculus at the AP or college level. Although the course calls for extensive use of a graphing calculator, students will also be required to do analysis without one.

Students may choose to take the course for up to six college credits if they demonstrate proficiency as determined by RVCC. Students must be at least sophomores, have a B-average GPA, and have a passing score on an RVCC-accepted assessment. The cost to receive college credits is reduced from normal courses at RVCC.



CALCULUS Honors (#5530)

Grade 12

5 Credits

This is an advanced high school mathematics course. After reviewing concepts in Precalculus, including sets, intervals, plane graphs, the distance formula, slope, parabolas and functions, the course examines the definite integral using the standard approach to upper and lower approximating sums. Basic properties of logarithms and exponents are deduced. In addition, derivatives and differentiation formulae are explored, and their applications are considered. Although the course calls for the extensive use of a graphing calculator, students will also be required to do calculus without one. Students may choose to take the course for up to three college credits. The cost to receive college credits is a reduced rate from normal credit courses at Seton Hall University.

AP CALCULUS AB (#5540)

Grade 12

5 Credits

This course includes all the topics listed in *Honors Calculus*, but the course is tailored for those high-ability mathematics students who will take the Calculus AB Advanced Placement Examination given in the spring. The course consists of a rigorous exploration of analytic geometry, limits, differentiation and integration, with emphasis on their applications. Emphasis is placed on knowledge and the ability to solve problems using the TI-83 or TI-84 calculator. Students will also be required to do calculus without the use of a calculator.

AP CALCULUS BC (#5551)

Grade 12

5 Credits

Prerequisite: *AP Calculus AB*

AP Calculus BC is roughly equivalent to both first and second semester college calculus courses and extends the content learned in AB to different types of equations and introduces the topic of sequences and series. This course covers topics in differential and integral calculus, including concepts and skills of limits, derivatives, definite integrals, the Fundamental Theorem of Calculus, and series. Students will learn how to approach calculus concepts and problems when they are represented graphically, numerically, analytically, and verbally, and to make connections amongst these representations. Students will also learn how to use technology to help solve problems, experiment, interpret results, and support conclusions.

AP STATISTICS (#5740)

Grades 11-12

5 Credits

Prerequisite: *Algebra II Honors or PreCalculus CP*

The purpose of this course is to introduce students to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. Students are exposed to four broad conceptual themes: exploring data with patterns, sampling and experimentation, exploring random phenomena using probability and simulation, and statistical inference. This course provides an excellent option to students who possess sufficient mathematical maturity and quantitative reasoning ability. This course will prepare students for the Statistics Advanced Placement Exam.

~ Mathematics ELECTIVES ~

PROBABILITY AND STATISTICS CP (#5741)

Grade 12

5 Credits

Prerequisite: *Algebra II CP*

This course is a practical approach to the study of statistics and probability. Students will develop a basic knowledge which includes vocabulary, collecting random and representative samples, organizing data, averages, and variations, binomial and normal distributions, hypothesis testing, and will learn to interpret results. They will calculate the probability of events, learn to estimate with confidence, and understand the difference between theoretical and experimental probabilities. Importantly, students will evaluate the validity of statistics contained within public reports. This course will promote active problem solving, group work, cross-curricular assignments, and making good mathematical decisions in group and solo situations. Students should prepare to read, write, and actively explain their reasoning. This course is perfect for the college-bound student looking to take a math course with an abundance of real world applications.

AP COMPUTER SCIENCE PRINCIPLES (#5832)

Grade 9-12

5 Credits

Prerequisite: *Algebra I CP*

AP Computer Science Principles introduces students to the breadth of the field of computer science. In this course, students will learn to design and evaluate solutions and to apply computer science to solve problems through the development of algorithms and programs. They will incorporate abstraction into programs and use data to discover new knowledge. Students will also explain how computing innovations and computing systems, including the Internet, work, explore their potential impacts, and contribute to a computing culture that is collaborative and ethical.

PYTHON PROGRAMMING FUNDAMENTALS (#5831) **(Formerly Object Oriented Programming)**

Grades 10-12

5 Credits

Prerequisite: AP Computer Science Principles for Computer Science Academy students, Supervisor recommendation for non Academy students

As the second course in the Computer Science Academy, this class provides students with a solid foundation in programming fundamentals using the Python programming language. Students will work with files and images, develop games using graphical user interfaces, use recursion to build animations, and create music using programming concepts.



AP COMPUTER SCIENCE A (#5833)

Grades 11-12

5 Credits

Prerequisite: Object Oriented Programming or Python Programming Fundamentals

AP Computer Science A introduces students to computer science through programming. Fundamental topics in this course include the design of solutions to problems, the use of data structures to organize large sets of data, the development and implementation of algorithms to process data and discover new information, the analysis of potential solutions, and the ethical and social implications of computing systems. The course emphasizes object-oriented programming and design using the Java programming language. Students may choose to take the course for four college credits. The cost to receive college credits is a reduced rate from normal credit courses at Seton Hall University.

Computer Science Capstone (#5835)

Grades 12

5 Credits

Prerequisite: AP Computer Science Principles, Object Oriented Programming, and AP Computer Science A

This is the optional capstone course for students in the Computer Science Academy. Various topics related to student interest will be explored, including, but not limited to Web Development Frameworks, Cybersecurity, Machine Learning and Data Science. Students will spend the second semester working on a Senior Capstone project.

MUSIC

Supervisor: Kyle Tinnes

The Music Department exposes students to creativity, kinesthetic learning and the elements of music and performance. The New Jersey Student Learning Standards for Visual and Performing Arts state as their mission "the arts enable personal, intellectual, social, economic, and human growth by fostering creativity and providing opportunities for expression beyond the limits of language." Music courses fulfill a student's Visual & Performing Arts credit requirement.

CHORUS (#8360)

Grades 9-12

5 Credits

This course is open to all students who have a sincere desire to sing together. Basic concepts of good singing are stressed, including voice projection, choral singing, diction, part-singing, and blending of voices. This is a performance-based class, which may include appearances at public events, school assemblies, spring recitals and graduation. Four performances, Back-to-School Night, the District Choral Festival, Winter and Spring Concert are required during the year.



CONCERT BAND (#8305)

Grades 9-12

5 Credits

Concert Band is a performance based course for students with previous experience playing a musical instrument. The concert band performs at the winter and spring concerts, district festivals, school assemblies, and graduation. Students will perform various genres and will work on musicianship, ensemble skills, and instrument technique.

Students may choose to take the course for one college credit. The cost to receive college credit is a reduced rate from normal credit courses at Seton Hall University. This course may not be repeated for college credit.

SONGWRITING & THEORY (#8375)

Grades 9-12

5 Credits

This full-year course introduces students to the fundamentals of songwriting and music theory. This course, designed for the beginner to intermediate musician, will examine the elements of various musical genres such as pop, rap, hip-hop, film, TV, video games, opera, and musical theater. The course will be project based with a focus on introducing students to musical concepts such as rhythm, melody, harmony, and orchestration that they will apply to their own songs in a variety of genres. This class acts as a prerequisite to Advanced Placement Music Theory.



AP MUSIC THEORY (#8351)

Grades 10-12

5 Credits

Prerequisite: Intro to Music Comp & Theory; teacher recommendation

Music Theory AP is a rigorous course intended for students who wish to expand upon the curriculum of *Elements of Music*. Emphasis is placed on aural skills and training, as well as analysis and further study of techniques of

composition. This class is also designed for the serious music student who is interested in pursuing the study of music at the college level, and prepares the student for the Advanced Placement Exam in Music Theory. Students may choose to take the course for up to three college credits. The cost to receive college credits is a reduced rate from normal credit courses at Seton Hall University.

JAZZ LAB (#8301)

Grades 9-12

2.5 Credits

Jazz Lab is a non-competitive ensemble for beginner to advanced musicians who want to expand their musical abilities and jazz techniques. Students will perform all genres of jazz music and learn aspects of soloing, improvisation, and ensemble skills. This is a performance based class and students will participate in the winter and spring concerts, district festivals, and school assemblies.

PERCUSSION LAB (#8354)

Grades 9-12

2.5 Credits

This class is designed for the student who is interested in all aspects of the art of percussion. Basic rudiments will be learned, and a variety of percussion instruments will be used ranging from the snare and bass drums to all of the trap equipment, plus melodic keyboards. World percussion instruments will also be incorporated as available. The objective of this class is to provide an alternative to concert band for percussion students who would like to become more experienced in the percussive arts. There will also be opportunities to perform both in and outside of the classroom.

GUITAR LAB I (#8321)

Grades 9-12

2.5 Credits

Guitar Lab I is a semester long, introductory course designed to provide basic instruction for the beginning guitarist. Students will learn the basics of guitar playing technique, while also learning how to play music in various styles and genres. There is no prerequisite for this class. Class size is limited.

GUITAR LAB II (#8322)

Grades 9-12

2.5 Credits

Prerequisite: *Guitar Lab I or teacher recommendation*

Guitar Lab II is a semester long, introductory course designed for guitarists with experience playing the guitar. Students will have the opportunity to examine more advanced musical selections while improving playing technique, improvisational skills, and musicality with the guitar.

PIANO LAB (#8353)

Grades 9-12

2.5 Credits

Piano Lab (Beginner) is a semester-long, introductory course designed to provide basic instruction for the beginning pianist. Students will have the opportunity to work at their own pace, learning how to play piano music of many styles and genres. There is no prerequisite for this class. Class size is limited

ADVANCED PIANO LAB (#8355)

Grades 9-12

2.5 Credits

Prerequisite: *Piano Lab*

Piano Lab (Advanced) is a semester long course, designed for pianists with experience playing the piano. Students will have the opportunity to examine more advanced musical selections while improving technique, music reading skills, and musicality while playing the piano. The prerequisite for this class is completion of Piano Lab (Beginner) OR teacher recommendation.

MUSIC TECHNOLOGY (#8300)

Grades 9-12

2.5 Credits

Music Technology is for students of any musical ability level. The goal of this course is to use music production software to learn the elements of songwriting and some basic music theory. Students will accomplish this using their iPads and the music technology lab to create music using various programs including GarageBand, Figure, MorphWiz, SoundPrism, Sunrizer, and FL Studio.

ADVANCED MUSIC TECHNOLOGY (#8302)

Grades 9-12

2.5 Credits

Prerequisite: *Music Technology* or teacher recommendation

Advanced Music Technology is for students who already have experience with programs such as GarageBand and Logic Pro X. The goal of this course is to use music production software to further develop elements of songwriting and music production.

UNIFIED MUSIC (#8391)

Grades 9-12

2.5 Credits

Unified Music is a class for students who are interested in working collaboratively with other students to further expand their knowledge of music. This will include basic music theory, music appreciation, and piano and percussion skills. There is no prerequisite for this class. Students may also be interested in Unified Dance.



Grades 10-12

5 Credits

Prerequisite: *Chorus (8360)*

This course is open to students that have completed a semester of Chorus and pass the audition for the course (typically held in May). In addition to deeper study of vocal technique, music literacy, ensemble performance, students also learn about the physics and mathematics behind intonation and overtones. This is a performance-based class, which may include appearances at public events, school assemblies, graduation, and recording sessions. All performances such as the Winter and Spring Concerts, District Choral Festival, and fundraising concerts are required during the year.

Students may choose to take the course for one college credit. The cost to receive college credits is a reduced rate from normal credit courses at Seton Hall University. This course may not be repeated for college credit.

PERFORMING ARTS (Dance and Theatre)

INTRODUCTION TO DANCE (#8500)

Grades 9-12

5 Credits

This course will strengthen the body and mind connection. This dance level will focus on developing the student dance in several areas. The technical focus will be on the fundamentals of ballet, modern and jazz dance. This class will emphasize creating and composing, studying dancing technique and performing, and responding to dance in a broad variety of styles and cultures. Introduction to Dance will focus on providing students with the tools and techniques to use movement as an expressive art form.

COMMERCIAL DANCE (#8511)

Grade 10-12

5 Credits

Prerequisite: *Introduction to Dance (Dance I)*

This course builds upon the foundation taught in Introduction to Dance and continues with more advanced dance techniques and choreography skills. Through thoughtful analyses of performances and experiential choreography, students will develop the refined critical skills necessary to create completely independent works. Experiences are based on further developing principles and techniques of ballet, modern, and jazz dance. It provides instruction in aesthetics, dance history, anatomy, and choreographic techniques. While still focusing on providing the students with the tools and techniques to use movement as an expressive art form. We will explore how dance has infiltrated mainstream media through various apps, tv shows, and other streaming platforms. We will tackle tasks exploring TikTok and its ability to reach far and wide - spreading the most up to date social dance craze. How Instagram can promote you as a dancer and artist. How longer formatted Screendance pieces can tell a story with a broad range of emotion through movement akin to the Pixar Shorts we all know and love. We will delve into Musicals and how choreographers, directors, actors, and dancers are expected to both perform for a live audience and for the camera. How can we as artists begin to adapt to this new fast paced media age? How can we market ourselves not only as dancers, but as storytellers, and as masters of capturing movement in the various realms which are demanded of us?

UNIFIED DANCE (#8591)

Grade 9-12

2.5 Credits

This course will focus on dance and rhythmic activities. As well as balance, coordination, self-expression and reflective behavior. We will be working on the styles of ballet and modern technique. Utilizing creative movement to discover our own artistic voice. All while developing a sense of self-awareness; body, feelings, impact on others; increasing movement repertoire; improving self-control; increasing awareness of environment; improving socialization and cooperation skills; developing strategies for relaxation and energizing, and enhancing self-esteem.

TAKING THE STAGE (#8600)

Grades 9-12

5 Credits

Taking the Stage serves as a starting point for students wishing to pursue the study of theatre during and after high school. Designed to offer training in effective stage techniques, the course develops the actor's primary tools for performance: the body, the voice, and the imagination. To this end, students will evaluate the artistic styles and movements of the art form. They will also undertake projects exploring basic performance techniques that include Pantomimes, Spoken Word Performances, Improvisations, and finally, Monologues. Throughout the course, the instructor will encourage additional creative options for students to utilize the voice and body. Ultimately, students will enjoy a greater level of self-awareness and self-confidence, in addition to a more complete understanding of and appreciation for live theatre. Along the way, students will receive training in basic stagecraft in preparation for a dramatic production. These crafts include lighting & sound design, set building, costuming, and hair & makeup design, in addition to the role of the actor, the playwright, the stage manager, and the director. The second half of the course allows students to identify theatre's function and purpose in our society as they bridge the gap between script and performance.

CONTEMPORARY DRAMA: PLAYS & PERFORMANCE Honors (#3966)



Grades 11-12

5 Credits

Prerequisite: *Introduction to Dance; or Taking the Stage/ Performing Arts I/II; or English II*

Designed to elevate the students' understanding, appreciation, and critical perceptions of theatre, *Contemporary Drama: Plays & Performance* is an intense, hands-on, and highly collaborative course that challenges students to explore and investigate the merits of modern theatre. Through the works of Tennessee Williams, Neil Simon, August Wilson, Edward Albee, and Tracy Letts, students will immerse themselves into contemporary dramatic fiction and identify theatre's continued development as an art form and social phenomenon. Along their journey, students will evaluate the roles and contributions of playwright, actor, director, designer, and audience, which synthesize to form a complete experience called "theatre". Ultimately, students will gain an appreciation for the unique ability of drama to affect the human state, both personally and collectively. Because *Contemporary Drama* runs as an English class, as well as a Theatre elective, it emphasizes vocabulary enrichment, compositional & research skills, and SAT & NJSLA preparation.

Students may choose to take the course for three theater college credits (Introduction to Theater). The cost to receive college credits is a reduced rate from normal courses at RVCC.

PHYSICAL EDUCATION & HEALTH

Supervisor: Lance Jacobs

Grades 9-12

3.75 Credits

All students must pass Physical Education every year they are in high school as a graduation requirement. These courses are offered for three marking periods. Some of the topics covered are Project Adventure, field hockey, volleyball, basketball, softball, and track and field. There is also a fitness unit that will be implemented throughout the year. The entire program is "wellness-oriented." Some of the topics covered will be health benefits of fitness and exercise, cardiovascular fitness, aerobic exercises, body composition, controlling body fatness, body mechanics, exercise cautions, planning for physically active living, nutrition, becoming an informed consumer, and developing a quality lifestyle. Students are required to bring proper physical education attire, which will be explained at the beginning of the school year.

All students must pass four years of Health as a graduation requirement. These courses last for one marking period during the year in conjunction with their Physical Education class.

Grade 9

PHYSICAL EDUCATION I / HEALTH I (#8150)

5.0 Credits

The freshman health course is designed to give students an understanding of human reproduction. The topics covered in this course include bullying, the male and female reproductive systems, conception, pregnancy, birth, contraception, and sexually transmitted diseases and infections. The students will be evaluated through quizzes, projects, essays, oral presentations, and tests. In addition, the students will receive a unit in drug education.

Grade 10

PHYSICAL EDUCATION / HEALTH II (#8160)

5.0 Credits

Driver's Education is a course designed to introduce potential young drivers to safety tips, laws and driving techniques. The students will be evaluated through quizzes, projects, oral presentations, and tests. The New Jersey State Driver's written exam will be given at the end of the marking period to all students who fulfill the requirements of the course.

Grade 11

PHYSICAL EDUCATION / HEALTH III (#8170)

5.0 Credits

This course curriculum provides the student with the background to make sound decisions about health-related issues. Topics of focus will include dating, relationships, marriage, pregnancy, contraception, sexually transmitted infections, sexual assault, rape, abuse, eating disorders, self-awareness, drugs, tobacco, and alcohol. The student will learn how to deal with everyday situations, and promote a healthy lifestyle.

Grade 12

PHYSICAL EDUCATION / HEALTH IV (#8180)

5.0 Credits

Senior health consists of community first aid, CPR, and wellness. Wellness entails teaching students how to balance their health from many different aspects, such as physical, mental, emotional, and social health. Passing the entire course requirements, including skills performed on a mannequin and passing several written tests, can lead to certification for community first aid and CPR. Because heart disease is the leading cause of death in the U.S., this course is designed to teach students how to prevent heart disease through proper diet and exercise. Furthermore, through methods outlined by the American Heart Association, students are taught how to aid someone suffering from cardiac arrest.

UNIFIED PE (#8192)

Grades 11-12

5.0 Credits

Prerequisites: Supervisor Approval

This physical education program includes students with a diverse range of abilities, needs, interests and learning styles. This program is an inclusive program where respect and acceptance of all students is an essential component. Students with special needs and their peers are seen as classmates and teammates. Peer to peer teaching is a fundamental strategy for the development of fully engaged student involvement in instructional activities, sharing equally and learning together. The goal of this course is educational equity and access for all students. A differentiated learning approach is used to allow students to progress along a continuum of skill development and advancement.

PRACTICAL ARTS

Supervisor: Kyle Tinnes

Industrial Technology classes are elective courses designed to teach students practical skills. The classes address two missions of the New Jersey Student Learning Standards for Technology and for 21st Century Life and Careers. "Technology enables students to solve real-world problems, enhance life, and extend human capability as they meet the challenges of a dynamic global society." In addition, many of the students who have completed these courses have gained skills that have enabled them to go straight into the workforce.

DESIGN & MATERIALS PROCESSING (#8949)

Grades 9-12

5 Credits

This is an interactive, hands-on course that is most appropriate for students interested in design, applied technology, and exploring concepts of engineering. Throughout the course, students will experience design sketching, technical drawing, computer use/efficiency, portfolio creation, 3D modeling using CAD software, 3D printing, and applying the design process to design, model, mock-up, and prototype solutions to open-ended design challenges. This is a hands-on course where the grade consists of participation, the project, and the project portfolio. This is the first course in the Engineering Academy.

INTRODUCTION TO ENGINEERING DESIGN (#8957)

Grades 10-12

5 Credits

Prerequisite: Design and Materials Processing and Teacher Recommendation

Students are introduced to the engineering design process, applying math, science, and engineering standards to identify and design solutions to a variety of real problems. They work both individually and in collaborative teams to develop and document design solutions using engineering notebooks and 3D modeling software. Units for the course include: Design Process, Technical Sketching and Drawing, Measurement and Statistics, Modeling Skills, Geometry of Design, Reverse Engineering, and Documentation.

CIVIL ENGINEERING AND ARCHITECTURE (#8958)

Grades 11-12

5 Credits

Prerequisite: *Introduction to Engineering Design*

This course is offered in the 2024-25 school year and NOT in the 2023-24.

In this course students are introduced to important aspects of building and site design and development. They apply math, science, and standard engineering practices to design both residential and commercial projects and document their work using 3D architectural design software. Students progress from completing structured activities to solving open-ended projects and problems that require them to develop planning, documentation, communication, and other professional skills. Through both individual and collaborative team activities, projects, and problems, students will solve problems as they practice common design and development protocols such as project management and peer review. Students will develop skills in engineering calculations, technical representation and documentation of design solutions according to accepted technical standards, and use of current 3D architectural design and modeling software to represent and communicate solutions.



DIGITAL ELECTRONICS (#8959)

Grades 11-12

5 Credits

Prerequisite: *Introduction to Engineering Design*

This course will NOT be offered in the 2024-25 school year. It will be offered in 2023-24.

Digital electronics is the study of electronic circuits that are used to process and control digital signals. In contrast to analog electronics, where information is represented by a continuously varying voltage, digital signals are represented by two discrete voltages or logic levels. This distinction allows for greater signal speed and storage capabilities and has revolutionized the world of electronics.

The major focus of the DE course is to expose students to the design process of combinational and sequential logic design, teamwork, communication methods, engineering standards, and technical documentation.

Students may choose to take the course for up to three college credits. The cost to receive college credits is a reduced rate from normal credit courses at Seton Hall University.

TV MEDIA I (#8962)

Grades 9-12

5 Credits

Students will be taught television production techniques with an emphasis on learning and performing basic filming and editing skills for multiple media projects. The complete production process covering—the importance of planning for a shoot, capturing images and video with digital cameras and digital video cameras, and editing using a Mac computer with Final Cut Pro X—will be taught throughout the class. Students will utilize these skills with increasing expertise through hands-on demonstrations and practical experience as the difficulty and complexity increases with each new project.

TV MEDIA II (#8963)

Grades 10-12

5 Credits

Prerequisites: *TV Media I* and teacher recommendation

This course expands on techniques and skills taught in TV-I by utilizing production teams to create and distribute student-produced projects covering school news, sports, performing arts and student life. These completed projects are produced as segments to be broadcast on Del Val's weekly show, DVTV. This show is broadcast on Del ValTV-Media's YouTube page. Shows inform and entertain the students and staff of Del Val focusing on events concentrating on students' life and experiences in school and throughout the immediate community. Students will also create content to be broadcast on DVRHS closed circuit TV, Service Electric Cable Channel 263. Students are involved in all phases of producing videos including story development, research, script writing, filming, editing, directing, reporting, marketing, and distribution. The classroom setting approximates that of a working TV studio where students will be expected to meet regular production deadlines. Filming events outside of normal class time will be required.



TV MEDIA III (#8964)

Grades 11-12

5 Credits

Prerequisites: *TV Media II* and teacher recommendation

This course will broaden, enhance, and refine students' media production abilities with a goal to create professional /broadcast-quality media projects. Students will advance production skills learned in prior two courses by utilizing multi-camera shoots and Final Cut Pro X to produce in-depth, student-produced feature pieces. In addition to these responsibilities, TV-III students will be senior producers and supervise the production of TV-II students. Completed projects will be broadcast on Del Val's weekly show, DVTV. This show is broadcast on Del Val TV-Media's YouTube page. Students also produce projects for various school performances and programs. Finished projects will inform and entertain the students and staff of Del Val focusing on details and events concerning students' life and experiences in school and throughout the immediate community. Like TV-II, students will be responsible for producing all aspects of their show, including: story development, research, script writing, filming, editing, directing, reporting, promotion, and distribution. Filming events outside of normal class time will be required.

Students may choose to take the course for three college credits. The cost to receive college credits is a reduced rate from normal credit courses at Seton Hall University.



TV MEDIA IV (#8967)

Grade 12

5 Credits

Prerequisites: *TV Media III* and teacher recommendation

Students demonstrate their overall understanding of all aspects of television production by supervising the entire process of creating our weekly show, DVTV. In addition to this responsibility, students will contribute DVTV segments and produce advanced individual/group projects. Students will learn how to manage multiple media projects by utilizing their advanced production skills acquired in the prior three courses. In-depth, student-produced feature pieces will be produced. Like the prior two courses, students will be responsible for producing all aspects of their show, including: story development, research, script writing, filming, editing, directing, reporting, marketing, and distribution. Finished projects will inform and entertain the students and staff of Del Val focusing on details and events concerning students' life and experiences in school and throughout the immediate community. Filming events outside of normal class time will be required.

Students may choose to take the course for three college credits. The cost to receive college credits is a reduced rate from normal credit courses at Seton Hall University.

WOOD I (#8910)

Grades 9-12

5 Credits

Wood I is a hands-on application of basic woodworking tools and machines used to build three basic projects. Periodic safety tests will be given after the use of each machine is demonstrated. Basic joinery and wood finishing will be covered. Students who want to take home their projects must reimburse the school for their materials. The materials cost for the year is approximately \$40.00.

WOOD II (#8920)

Grades 10-12

5 Credits

Prerequisite: *Wood I* and recommendation

Material processing and cabinet joinery are the highlights of this course. Periodic safety tests will be given after the use of each machine is demonstrated. Students will be required to construct a raised panel door and machine-cut dovetail joints on a solid hardwood cabinet. A second small project of free choice, such as a wall clock, lamp, or decorative box, will also be required. Students will learn how to hand-cut dovetails and turn on the lathe. The materials cost for the year is approximately \$40.00.

WOOD III (#8930)

Grades 11-12

5 Credits

Prerequisite: *Wood II* and recommendation

This course is designed for serious students with a strong interest in furniture and cabinet construction. Students will be required to build three (3) projects of their own design. The degree of difficulty will not exceed the student's woodworking ability. Projects will include: a Shaker-style candlestick table, a box using complex joinery, and an architectural birdhouse or mailbox. All projects must be approved by the instructor.

WOOD IV (#8940)

Grades 11-12

5 Credits

Prerequisite: *Wood I, II & III* and recommendation

The student must work independently on a free-choice project, such as a dining table, wall unit, china cabinet, gun cabinet, grandfather clock, or chair, following the instructor's approval of the project drawings. Materials must be purchased by the student, before construction begins.

SCIENCE

Supervisor: Stacy Grady

The mission of the New Jersey Student Learning Standards in Science states that “scientifically literate students possess the knowledge and understanding of scientific concepts and processes required for personal decision-making, participation in civic and cultural affairs, and economic productivity.” To achieve this goal, students are required to successfully complete a three-year sequence of biology, chemistry, and physics. Each student is placed in the level that best matches his/her combined ability and career goals. The selection criteria include the student’s ability, past performance, test results, teacher recommendation, and counselor concurrence. With demonstrated success, students are able to move between levels.

Academic Level Science Pathway

9 th grade	10 th grade	11 th grade	12 th grade
<i>Biology Academic</i>	<i>Chemistry Academic</i>	<i>Physics Academic</i>	<i>Science Elective (with recommendation)</i>

BIOLOGY Academic (#6211)

Grade 9

5 Credits

This course covers a variety of topics such as the organization and development of living things, matter and energy transformations, interdependence among living things, heredity and reproduction, evolution, and ecology. Science literacy and understanding of current issues in the field of biology is promoted as an integral part of the curriculum. Students will engage in laboratory and authentic learning experiences that encourage the application of biological knowledge to make decisions and solve problems.

CHEMISTRY Academic (#6311)

Grade 10

5 Credits

Prerequisite: *Biology Academic*

This course will develop a conceptual knowledge of chemistry principles. The topics covered include the structure and properties of matter, chemical reactions, nuclear processes, and energy. Students will be introduced to societal issues related to chemistry including water needs, chemical resources, petroleum, and materials science. Students will engage in laboratory activities and investigations that provide them an opportunity to apply the science practices.

PHYSICS Academic (#6411)

Grade 11

5 Credits

Prerequisite: *Chemistry Academic*

This course will develop a conceptual knowledge of physics principles. This is an activity based course that will seek to improve students’ math skills and higher order thinking. The topics covered include motion, forces, energy, waves, and electricity & magnetism. Students will engage in laboratory activities and investigations that provide them an opportunity to apply the science practices.

College Prep (CP) Level Science Pathway

9 th grade	10 th grade	11 th grade	12 th grade
<i>Biology CP</i>	<i>Chemistry CP</i>	<i>Physics CP</i>	<i>Science Elective or any AP Science (with recommendation)</i>

BIOLOGY CP (#6222)

Grade 9

5 Credits

This is a lab-based college preparatory course designed to provide students with an understanding of the basic biological concepts: organization and development of living things, matter and energy transformations, interdependence among living things, heredity and reproduction, evolution, and ecology. Classroom instruction is supplemented with laboratory exercises and activities which encourage students to develop and use science and engineering practices.

CHEMISTRY CP (#6322)

Grade 10

5 Credits

Prerequisite: *Biology CP*

In this course, students are introduced to theories and concepts of chemistry that include the structure and properties of matter, chemical reactions, materials science and nuclear processes. Solid mathematical skills, particularly algebra are essential. Classroom instruction is supplemented with laboratory exercises and cooperative activities designed to have students engage in the science and engineering practices.

PHYSICS CP (#6422)

Grade 11

5 Credits

Prerequisite: *Chemistry CP*

This course uses models to promote an understanding of our universe. Students will learn that these models can be physical objects or mathematical concepts. Structured as a college preparatory course, students investigate motion, force, energy, waves, electricity, and magnetism. The curriculum introduces students to the conceptual problem solving process. Laboratory exercises provide opportunities for students to develop science and engineering practices.

Honors Level Science Pathway

9 th grade	10 th grade	11 th grade	12 th grade
<i>Biology Honors</i>	<i>Chemistry Honors</i>	<i>AP Physics I or Physics Honors</i>	<i>AP Physics II and/or AP Physics C and/or AP Chemistry and/or AP Biology and/or AP Environmental Science</i>

BIOLOGY Honors (#6232)

Grade 9

5 Credits

This is a rigorous, lab-based course designed for students who have shown a high aptitude in science and a proficiency in math. The topics studied include organization and development of living things, matter and energy transformations, interdependence among living things, heredity and reproduction, evolution, and ecology. Classroom instruction is supplemented with laboratory exercises and activities which encourage students to develop and use science and engineering practices.

CHEMISTRY Honors (#6332)

Grade: 10

5 Credits

Prerequisite: *Biology Honors*

This is a rigorous, lab-based course designed for students who have shown a high aptitude in science and a proficiency in math. The topics covered include atomic theory and structure, periodic law, stoichiometry, chemical bonding, equilibrium, gas laws, thermochemistry, solutions, acids and bases, and nuclear reactions. Students develop the ability to relate their observations to the submicroscopic world of atoms and molecules, by modeling the unseen world and by using mathematical skills. The understanding of chemistry theory through the use of mathematical laws is essential in this course. Laboratory skills are learned and practiced, and many other hands-on activities are used throughout the course. Computer simulations and modeling help develop students' comprehension of chemical concepts. Students taking this course will be well prepared for Advanced Placement Chemistry, as well as other honors and AP-level sciences.

PHYSICS Honors (#6431)

Grade 11

5 Credits

Prerequisite: *Chemistry Honors*

This is a rigorous, lab-based course designed for students who have shown a high aptitude in science and a proficiency in math. Students investigate motion, forces, energy, waves, electricity, and magnetism. Students use multiple representations including mathematics to help them make sense of observed phenomena. The curriculum emphasizes complex problem solving and higher order thinking. Laboratory exercises provide opportunities for students to develop science and engineering practices.



AP PHYSICS 1 (#6438)

Grades 11-12

5 Credits

Prerequisite: *Chemistry Honors, Algebra II Honors*

AP Physics 1 is an algebra-based, introductory college-level physics course. Students cultivate their understanding of physics through inquiry-based investigations as they explore these topics: kinematics, dynamics, circular motion and gravitation, energy, momentum, simple harmonic motion, torque, and rotational motion. This course requires that 25 percent of the instructional time will be spent completing hands-on laboratory work that provides students with opportunities to engage and apply in science practices.

Students may choose to take the course for four college credits. The cost to receive college credits is a reduced rate from normal credit courses at Seton Hall University.

AP PHYSICS 2 (#6439)

Grade 12

5 Credits

Prerequisite: *Physics Honors or AP Physics 1*

This course will run based on interest. It is unlikely that this course and AP Physics C will both be offered.

AP Physics 2 is an algebra-based, introductory college-level physics course. Students cultivate their understanding of physics through inquiry-based investigations as they explore these topics: mechanical waves, fluids; thermodynamics; electrical force, field, and potential; electric circuits; magnetism and electromagnetic induction; geometric and physical optics; and quantum, atomic, and nuclear physics. This course requires that twenty-five percent of instructional time will be spent in hands-on laboratory work that provides students with opportunities to demonstrate foundational physics principles and apply the science practices.



AP PHYSICS C Mechanics & Electricity & Magnetism (#6442)

Grade 12

5 Credits

Prerequisite: *Physics Honors or AP Physics I, AP Calculus AB (can be taken concurrently)*

This course will run based on interest. It is unlikely that this course and AP Physics 2 will both be offered.

AP Physics C: Mechanics is a calculus-based, college-level physics course, especially appropriate for students planning to specialize or major in one of the physical sciences or engineering. This course covers kinematics; Newton's laws of motion; work, energy, and power; systems of particles and linear momentum; circular motion and rotation; oscillations; and gravitation. Students cultivate their understanding of physics through classroom study and activities as well as hands-on laboratory work as they explore concepts like change, force interactions, fields, and conservation.

AP Physics C: Electricity and Magnetism is a calculus-based, college-level physics course, especially appropriate for students planning to specialize or major in physical science or engineering. The course explores topics such as electrostatics; conductors, capacitors, and dielectrics; electric circuits; magnetic fields; and electromagnetism. Introductory differential and integral calculus is used throughout the course.

Students may choose to take the course for nine college credits. The cost to receive college credits is a reduced rate from normal credit courses at Seton Hall University.



AP BIOLOGY (#6238)

Grades 11-12

5 Credits

Prerequisite: *Physics Honors or AP Physics I (can be taken concurrently) or teacher recommendation*

AP Biology is an introductory college-level biology course that explores topics such as organization and development of living things, matter and energy transformations, interdependence among living things, heredity and reproduction, evolution, and ecology. Through inquiry-based learning, students will develop scientific critical thinking and reasoning skills. This course requires that 25 percent of the instructional time will be spent in hands-on laboratory work, with an emphasis on inquiry-based investigations that provide students with opportunities to apply the science practices.

Students may choose to take the course for three college credits. The cost to receive college credits is a reduced rate from normal credit courses at Seton Hall University.



AP CHEMISTRY (#6338)

Grades 11-12

5 Credits

Prerequisite: *Chemistry Honors or teacher recommendation*

Based on low enrollments this course may run every other year starting in 2023-24. Members of the class of 2025 who are considering this course before graduation are encouraged to enroll in the class for the 2023-24 school year. This course is a second-year chemistry course in high school and is the equivalent of a typical full-year general chemistry course in college. The course builds on chemical topics from first-year chemistry and allows students to attain a deeper understanding of chemistry fundamentals. Advanced Placement Chemistry focuses on the development of the students' abilities to think clearly about abstract concepts, to problem solve, and to express their ideas in writing with clarity and logic. Chemical calculations and labs are an important component of the course, and reinforce the principles taught in the classroom. The lab experiments performed are numerous and are recommended by the College Board. Students who prove successful in this course and on the Advanced Placement Chemistry exam will be equipped to succeed in a college chemistry course.

Students may choose to take the course for four college credits. The cost to receive college credits is a reduced rate from normal credit courses at Seton Hall University.



AP ENVIRONMENTAL SCIENCE (#6930)

Grades 11-12

5 Credits

Prerequisite: *Physics CP, Physics Honors or AP Physics I*

The AP Environmental Science course is a full-year course designed to be the equivalent of a one-semester, introductory college course in environmental science. Unlike most other introductory-level college science courses, environmental science is offered from a wide variety of disciplines, including geology, biology, environmental studies, chemistry and geography. The AP Environmental Science course has been developed to be a rigorous science course that stresses scientific principles and analysis and includes a laboratory component; as such, it is intended to enable students to undertake, as first-year college students, a more advanced study of topics in environmental science. In both breadth and level of detail, the content of the course reflects what is found in many introductory college courses in environmental science. Topics studied include environmental

history, sustainability, basic ecological principles, biodiversity, agriculture, natural resources, energy, pollution, climate change, and Earth systems.

Students may choose to take the course for three college credits. The cost to receive college credits is a reduced rate from normal credit courses at Seton Hall University.

~ Science ELECTIVES ~

ASTRONOMY CP (#6620)

Grades 11-12

2.5 Credits

Prerequisite: *Physics (can be taken concurrently)*

The student will engage in a qualitative study of the following topics: changing concepts of the cosmos, motions of stars, moons, planets, and constellations. In addition, students will study telescopes and how to observe the night sky, our solar system's origin, planetary characteristics, planetary probe data, classification and life cycle of stars, and the structure and physical characteristics of galaxies.

ENVIRONMENTAL SCIENCE CP (#6920)



Grades 11-12

5 Credits

Prerequisite: *Physics CP, Physics Honors or AP Physics I (can be taken concurrently)*

As part of an agreement with Raritan Valley Community College, Delaware Valley Regional High School is offering this college-level laboratory science course. The goal of the CP 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 and/or preventing them. Topics studied include environmental history, sustainability, basic ecological principles, biodiversity, agriculture, natural resources, energy, pollution, climate change, and Earth systems. *Students may choose to take the course for four college credits if they demonstrate proficiency as determined by RVCC. The cost to receive college credits is a reduced rate from normal credit courses at RVCC.*

HUMAN BODY SYSTEMS (#6251)



Grades 10-12

5 Credits

Prerequisite: *Biology CP or Honors or Principles of Biomedical Science and teacher recommendation*

Students are introduced to Anatomy & Physiology and Medical Terminology. Students explore science in action, building organs and tissues on a skeletal Maniken™ and use data acquisition software to monitor body functions such as muscle movement, reflex, heart function, and respiration. Students use experiments to explore the areas of oncology and immunology, and utilize experiments, case studies, and patient histories to solve real-world medical cases.

Students may choose to take the course for four college credits. The cost to receive college credits is a reduced rate from normal credit courses at Seton Hall University.

MARINE BIOLOGY CP (#6821)

Grades 11-12

2.5 Credits

Prerequisite: *Physics (can be taken concurrently)*

This course gives students an opportunity to explore some of the unique features of marine life. The course is essentially a survey of various marine plants and animals (both invertebrates and vertebrates) and their life-sustaining strategies in the marine biome. Students will be able to investigate how marine animals gather and assimilate food, respire, eliminate wastes, respond to stimuli, move, and reproduce. Laboratory activities will form an integral part of the course. The lab activities include dissections. Topics related to ecology, evolution, and marine habitats are included in the course.

PRINCIPLES OF BIOMEDICAL SCIENCE (#6250)

Grades 9-12

5 Credits

In the introductory course of the Biomedical Science program, students explore the concepts of biology and medicine to determine the factors that led to the death of a fictional person. While investigating the case, students examine autopsy reports, investigate medical history, and explore medical treatments that might have prolonged the person's life. The activities and projects introduce students to human physiology, basic biology, medicine, and research processes while allowing them to design their own experiments to solve problems.

Agriculture Academy

The first course in the sequence is Introduction to Agriculture, Food, and Natural Resources which is the starting point for all pathways in CASE (Curriculum for Agricultural Science Education) curriculum. Future courses will be determined by student interest. Enrollment has been low and therefore continuation of the program is in jeopardy. Interested students should speak with their counselor.

Eligibility

In order to successfully graduate from the Agriculture Academy, students must complete 15 credits from the CASE course offerings.

9 th grade	10 th grade	11 th grade	12 th grade
<i>Introduction to Agriculture, Food, and Natural Resources</i>	<i>Principles of Agriculture Science</i>	<i>Environmental Science</i>	<i>CASE Elective</i>

INTRODUCTION TO AGRICULTURE, FOOD, AND NATURAL RESOURCES (#6630)

Grades 9-12

5 Credits

The *Introduction to Agriculture, Food, and Natural Resources (AFNR)* course serves as the introductory course within the Agricultural Academy Program of Study. It introduces students to agricultural opportunities and the pathways of study in agriculture. Science, mathematics, reading, and writing components are woven in the

context of agriculture, and students may continue through a sequence of future courses within the Academy program. Throughout the course are hands-on activities that aim to develop and improve employability skills of students through practical applications. Students also explore career and postsecondary opportunities in each area of the course.

PRINCIPLES OF AGRICULTURAL SCIENCE (#6631)

Grades 10-12

5 Credits

Prerequisites: Introduction to Agriculture, Food and Natural Resources

The *Principles of Agricultural Science* course serves as the second course within the Agricultural Academy Program of Study. Students participating in the course will have experiences in various animal science concepts with hands-on activities, projects, and problems. Students' experiences will involve the study of animal anatomy, physiology, behavior, nutrition, reproduction, health, selection, and marketing. Students will explore hands-on projects and activities to learn the characteristics of animal science and work on major projects and problems similar to those that animal science specialists face in their careers. Students will investigate, experiment, and learn about documenting a project, solving problems, and communicating their solutions to their peers and members of the professional community.

BIOMEDICAL SCIENCE ACADEMY

PLTW Principles of Biomedical Science Pathway

The Biomedical Science Pathway provides students with exposure to concepts in human medicine, anatomy & physiology, genetics, microbiology, and public health. Students engage in activities like investigating the death of a fictional person in order to learn the science content within the context of a real-world problem. The Biomedical Science Pathway is a rigorous, focused four-year program for students with career interests in the biomedical field. The program utilizes Project Lead the Way curriculum.

9th grade	10th grade	11th grade	12th grade
<i>Principles of Biomedical Science</i>	<i>Human Body Systems</i>	<i>Medical Interventions</i>	<i>Biomedical Innovation</i>
<i>Honors or CP Biology</i>	<i>Chemistry Honors</i>	<i>AP Physics I or Physics Honors</i>	<i>AP Biology and AP Chemistry and/or AP Physics II or C</i>

PRINCIPLES OF BIOMEDICAL SCIENCE (Honors) (#6250)

Grades 9-12

5 Credits

In the honors weighted introductory course of the Biomedical Science program, students explore the concepts of biology and medicine to determine the factors that led to the death of a fictional person. While investigating the case, students examine autopsy reports, investigate medical history, and explore medical treatments that might have prolonged the person's life. The activities and projects introduce students to human physiology, basic biology, medicine, and research processes while allowing them to design their own experiments to solve problems.



HUMAN BODY SYSTEMS (#6251)

Grades 10-12

5 Credits

Students are introduced to Anatomy & Physiology and Medical Terminology. Students explore science in action, building organs and tissues on a skeletal Maniken™ and use data acquisition software to monitor body functions such as muscle movement, reflex, heart function, and respiration. Students use experiments to explore the areas of oncology and immunology, and utilize experiments, case studies, and patient histories to solve real-world medical cases. This course is a prerequisite for AP Biology.

Students may choose to take the course for four college credits. The cost to receive college credits is a reduced rate from normal credit courses at Seton Hall University.

MEDICAL INTERVENTIONS (#6252)

Grades 11-12

5 Credits

Prerequisite: *Human Body Systems*

Students follow the life of a fictitious family as they investigate how to prevent, diagnose, and treat disease. Students explore how to detect and fight infection; screen and evaluate the code in human DNA; evaluate cancer treatment options; and prevail when the organs of the body begin to fail. Through real-world cases, students are exposed to a range of interventions related to immunology, surgery, genetics, pharmacology, medical devices, and diagnostics.

BIOMEDICAL INNOVATION AND CAPSTONE (#6253)

Grade 12

5 Credits

Prerequisite: *Medical Interventions*

In the final course of the Biomedical Science sequence, students build on the knowledge and skills gained from previous courses to design innovative solutions for the most pressing health challenges of the 21st century. Students address topics ranging from public health and biomedical engineering to clinical medicine and physiology. They have the opportunity to work on an independent design project with a mentor or advisor from a university, medical facility, or research institution.

SKILLS FOR THE 21ST CENTURY

According to a recent educational publication, "The term "21st- century skills" is generally used to refer to certain core competencies such as collaboration, digital literacy, critical thinking, and problem-solving that advocates believe schools need to teach to help students thrive in today's world." In order to properly prepare Del Val students for their future, our students need to be taught adaptable, critical thinking and learning skills. These classes will focus on what is called the 4Cs by the Partnership for 21st Century Skills: critical thinking, collaboration, communication, creativity and innovation. Beginning with the Class of 2017, incoming freshmen will be required to take *Financial Literacy* and *21st Century Skills*.

PERSONAL FINANCIAL LITERACY (#2120)

Grades 10-12

2.5 Credits

This course will help prepare students to responsibly participate in a global economy. Topics to be addressed include income and careers; money management; credit and debt management; planning, saving, and investing; becoming a critical consumer; civic financial responsibility, and risk management and insurance. This course will satisfy the 2.5 credits in Financial Literacy mandated by the State of New Jersey. Please note that this course cannot count towards the 5 credits for the 21st Century Life & Careers requirement or the 15 credits for the Mathematics requirement.

PERSONAL FINANCIAL LITERACY - ASYNCHRONOUS (#102120)

Grades 10-12

2.5 Credits

The asynchronous version of this course allows students to meet the state requirement through an asynchronous model using the Canvas Learning Management system. Students will need to work independently and should have a proven track record of success in virtual learning. This course will help prepare students to responsibly participate in a global economy. Topics to be addressed include income and careers; money management; credit and debt management; planning, saving, and investing; becoming a critical consumer; civic financial responsibility, and risk management and insurance. This course will satisfy the 2.5 credits in Financial Literacy mandated by the State of New Jersey. Please note that this course cannot count towards the 5 credits for the 21st Century Life & Careers requirement or the 15 credits for the Mathematics requirement. Students who enroll in this class, but do not pass the course, will not be permitted to enroll a second time.

PERSONAL FINANCIAL LITERACY - ALGEBRA I (#2121)

Grades 9

2.5 Credits

All students scheduled for Algebra I CP will also be enrolled in course #2121 which will meet on the day opposite the math class. This course will help prepare students to responsibly participate in a global economy. Topics to be addressed include income and careers; money management; credit and debt management; planning, saving, and investing; becoming a critical consumer; civic financial responsibility, and risk management and insurance. This course will satisfy the 2.5 credits in Financial Literacy mandated by the State of New Jersey. Please note that this course cannot count towards the 5 credits for the 21st Century Life & Careers requirement or the 15 credits for the Mathematics requirement.

PERSONAL FINANCIAL LITERACY - ALGEBRA I ACADEMIC (#2125)

Grades 9

2.5 Credits

All students scheduled for Algebra I Academic will also be enrolled in course #2125 which will meet on the day opposite the math class. This course will help prepare students to responsibly participate in a global economy. Topics to be addressed include income and careers; money management; credit and debt management; planning, saving, and investing; becoming a critical consumer; civic financial responsibility, and risk management and insurance. This course will satisfy the 2.5 credits in Financial Literacy mandated by the State of New Jersey. Please note that this course cannot count towards the 5 credits for the 21st Century Life & Careers requirement or the 15 credits for the Mathematics requirement.

21ST CENTURY SKILLS - ALGEBRA I (#3956)

Grades 9

2.5 Credits

21st Century Skills is a class designed to teach freshmen all skills necessary to be successful during their high school careers. This course will focus on improving keyboarding, researching skills, public speaking, and MLA formatting. Assignments will help prepare students for the PARCC assessment, SAT, and research projects across the curriculum. The skills learned in this course will not only benefit students' high school academic careers, but will also extend into their collegiate and personal lives as well.

21ST CENTURY SKILLS - ALGEBRA I ACADEMIC (#3957)

Grades 9

2.5 Credits

This course is designed to run concurrently for all students enrolled in Algebra I Elements (#5110) or Algebra I (#5120). While touching on the concepts of 21st Century Skills (#3954), this course will be taught by a mathematics teacher and will provide additional Algebra I instruction to prepare students for the Algebra I PARCC assessment. Students will take this course with students in their level of Algebra.

SOCIAL STUDIES

Supervisor: James Kluska

Each student is required to pass three years of Social Studies in order to graduate from high school. This includes Global Studies (formerly World History) and two years of US History. Each student is placed in the level that best matches his/her combined ability and career goals. The selection criteria include the student's ability, past performance, test results, teacher recommendation and counselor concurrence. With demonstrated success, students are able to move between class levels. During a student's freshman year, English and Social Studies classes are tracked on the same level for the Freshman Learning Academy. The mission of the New Jersey Student Learning Standards for Social Studies states, "Social studies education provides learners with the knowledge, skills, and perspectives needed to become active, informed citizens and contributing members of local, state, national, and global communities in the 21st Century."

Graduation Requirements

9 th grade	10 th grade	11 th grade	12 th grade
<i>Global Studies</i>	<i>United States History I</i>	<i>United States History II</i> <i>Or</i> <i>AP US History</i>	<i>Electives</i>

GLOBAL STUDIES Academic (#4114)

Grade 9

5 Credits

Global Studies will help enable students to make informed decisions as socially and ethically responsible world citizens. This course is designed to present Global Studies in a practical, hands-on approach. The course seeks to present a balanced approach to history, treating Western and non-Western history with equal weight, while focusing on the period from 1500 to contemporary issues that confront the modern world. The purpose of the course is to provide students with a basic understanding of world history necessary to function in everyday life. The class focuses on developing student skills in reading comprehension, analysis, and critical thinking. It is designed for students who have struggled to attain proficiency on district and state assessments. Projects and peer-group learning are hallmarks of this course, encouraging students not only to work together but also to learn from each other.

GLOBAL STUDIES CP (#4121)

Grade 9

5 Credits

Global Studies will help enable students to make informed decisions as socially and ethically responsible world citizens. This interdisciplinary course begins by establishing various political, social, economic, and cultural themes. It includes topics such as the Bronze and Iron Age civilizations, the Classical West, Inner-Eurasian Middle Ages, Indian Ocean trade systems, the Age of Imperialism, World Wars, and the Cold War. The course seeks to present a balanced approach to history, treating Western and non-Western history with equal weight, while focusing on the period from 1500 to contemporary issues that confront the modern world. The course will include the impact of slavery and industrial capitalism on society, European imperialism and those who resisted it, changing forms of class, gender, and races relations. This course advances at a faster pace and includes more abstract thinking, essay writing and independent work.

GLOBAL STUDIES Honors (#4131)

Grade 9

5 Credits

Global Studies will help enable students to make informed decisions as socially and ethically responsible world citizens. Designed for students who excel in rigorous academic settings, this course requires a significant amount of independent reading, research, and written analysis. It includes topics such as the Bronze and Iron Age civilizations, the Classical West, Inner-Eurasian Middle Ages, Indian Ocean trade systems, the Age of Imperialism, World Wars, and the Cold War. The course seeks to present a balanced approach to history, treating Western and non-Western history with equal weight, while focusing on the period from 1500 to contemporary issues that confront the modern world. The course will include the impact of slavery and industrial capitalism on society, European imperialism and those who resisted it, changing forms of class, gender, and races relations. This is also the introductory course to the Honors/Advanced Placement sequence.

UNITED STATES HISTORY I Academic (#4210)

Grade 10

5 Credits

Prerequisite: Global Studies

This course satisfies the first year of required United States and New Jersey history. This course is designed to address key themes from early colonization, pre-Constitutional era, the US Constitution, and the United States of America in the 19th and early 20th Centuries to the end of World War I. Students will explore political, social, economic, and cultural issues as well as how those issues relate to contemporary times. Students will acquire the knowledge and skills to think analytically about how past and present interactions of people, culture, and the environment shape the American heritage, enabling students to make informed decisions that reflect fundamental rights and core democratic values as productive citizens in local, national, and global communities. This course is designed to help students become engaged and informed citizens.

UNITED STATES HISTORY I CP (#4220)

Grade 10

5 Credits

Prerequisite: Global Studies

This course satisfies the first year of required United States and New Jersey history. This course is designed to address key themes from early colonization, pre-Constitutional era, the US Constitution, and the United States of America in the 19th and early 20th Centuries to the end of World War I. Students will explore political, social, economic, and cultural issues as well as how those issues relate to contemporary times. Students will acquire the knowledge and skills to think analytically about how past and present interactions of people, culture, and the environment shape the American heritage, enabling students to make informed decisions that reflect fundamental rights and core democratic values as productive citizens in local, national, and global communities. This course is designed to help students become engaged and informed citizens.

UNITED STATES HISTORY I Honors (#4230)

Grade 10

5 Credits

Prerequisite: Teacher recommendation

This course satisfies the first year of required United States and New Jersey history. United States History Honors is designed for students who excel in a rigorous and highly challenging learning experience and for those students planning on taking **Advanced Placement United States History** their junior year. The course requires students to become active learners, assuming greater responsibility for their own learning. A significant amount of emphasis is placed on independent reading, research, and student presentations. The course is designed to address key themes from early colonization, pre-Constitutional era, the US Constitution, and the United States of America in the 19th and early 20th Centuries to the end of World War I. Students will explore political, social, economic, and cultural issues as well as how those issues relate to contemporary times. Students will acquire the knowledge and skills to think analytically about how past and present interactions of people, culture, and the environment shape the American heritage, enabling students to make informed decisions that reflect fundamental rights and core democratic values as productive citizens in local, national, and global communities. This course is designed to help students become engaged and informed citizens.



AP UNITED STATES HISTORY (#4340)

Grades 11-12

5 Credits

Prerequisites: U.S. History I Honors and teacher recommendation

This course focuses on developing students' understanding of American history from approximately 1491 to the 21st Century. Students will investigate the content of U.S. history for significant events, individuals, developments, and processes in nine historical periods. Students will develop and implement skills and methods used by professional historians: analyzing primary and secondary sources, making historical comparisons, chronological reasoning, and argumentation. Heavy emphasis will be on outside reading, writing, authentic texts, DBQ's (document-based questions), history related creative projects, and debates. College Board standards are applied throughout the entire course.

Students may choose to take the course for three college credits. The cost to receive college credits is a reduced rate from normal credit courses at Seton Hall University.

UNITED STATES HISTORY II Honors (#4330)

Grade 11

5 Credits

Prerequisite: United States History I Honors or teacher recommendation

This course is designed to address key themes during the mid-20th Century beginning with the Roaring 1920's through contemporary 21st Century issues while simultaneously promoting good citizenship. The course requires students to become active learners, assuming greater responsibility for their own learning. A significant amount of emphasis is placed on independent reading, research, and student presentations. Students will explore the history, political, social, economic, and cultural issues of the United States of America while applying their knowledge of the US Constitution to gain an educated understanding of the world in which they live. Students will also acquire the skills needed to be active, informed citizens who value diversity and promote cultural understanding by working collaboratively to address the challenges that are inherent in living in an interconnected world.

UNITED STATES HISTORY II CP (#4320)

Grade 11

5 Credits

Prerequisite: *United States History I*

This course is designed to address key themes during the mid-20th Century beginning with the Roaring 1920's through contemporary 21st Century issues while simultaneously promoting good citizenship. Students will explore the history, political, social, economic, and cultural issues of the United States of America while applying their knowledge of the US Constitution to gain an educated understanding of the world in which they live. Students will also acquire the skills needed to be active, informed citizens who value diversity and promote cultural understanding by working collaboratively to address the challenges that are inherent in living in an interconnected world.

UNITED STATES HISTORY II Academic (#4310)

Grade 11

5 Credits

Prerequisite: *United States History I*

This course is designed to address key themes during the mid-20th Century beginning with the Roaring 1920's through contemporary 21st Century issues while simultaneously promoting good citizenship. Students will explore the history, political, social, economic, and cultural issues of the United States of America while applying their knowledge of the US Constitution to gain an educated understanding of the world in which they live. Students will also acquire the skills needed to be active, informed citizens who value diversity and promote cultural understanding by working collaboratively to address the challenges that are inherent in living in an interconnected world.

~ Social Studies ELECTIVES ~

AP US GOVERNMENT & POLITICS (#4341)

Grade 11-12

5 Credits

Prerequisite: *AP US History or United States History II Honors*

Students will evaluate the development of politics from the Constitutional era down to modern political parties and the current challenges faced by our nation's lawmakers. They will assess challenges to US diplomacy, particularly in the last one hundred years – since our emergence from isolation to a position of global dominance after the fall of Communism. Current political events and other provocative topics are explored through research, analytical writing, and discussions. This is a rigorous course that strives to demystify American political institutions, examine civil liberties and civil rights, analyze campaigns and elections, and explore the evolution of public policies.



AP ART HISTORY (#4440) Will NOT be offered in 2023-24

Grades 10-12

5 Credits

Prerequisite: teacher recommendation

AP Art History is facilitated as a visual exhibition of history. Beginning with ancient civilizations and ending with contemporary modern art, this course seeks to enrich and broaden students' worldviews while preparing them for the AP exam. Through PowerPoint presentations, readings, and discussions, students will study hundreds of works of art and architecture, delving into the lives of the artists and the cultural context in which they worked, including many major religious and philosophical movements throughout the centuries. Students will be required to utilize critical thinking and analytical writing skills throughout the year on essays and class discussion, as well as on past AP exams.

Students may choose to take the course for three college credits. The cost to receive college credits is a reduced rate from normal credit courses at Seton Hall University.



AP EUROPEAN HISTORY (#4740) Will NOT be offered in 2024-25

Grades 10-12

5 Credits

Prerequisite: teacher recommendation

This course is designed as an introduction to the European political, economic, social, and cultural experience from 1500 to the present. Attention is given to major forces that have propelled social and economic change in the early modern and modern periods. The course will take a humanities approach to the study of European civilization, including analysis of art, music, literature, and theater as they develop over the five centuries of our study. The course will be roughly divided into the following areas: the Medieval Origins of European States, Renaissance and Reformation, Age of Absolutism, Enlightenment, Age of Revolution, the Napoleonic Era, Arts and Sciences in the 19th Century, Nationalism and Imperialism, the World Wars, the Cold War, the European Union and beyond. The course is designed for individuals who are looking to study the history of the social sciences on the collegiate level. The course requires intensive reading and analysis of both primary and secondary source material. Some summer reading will be assigned.

Students may choose to take the course for three college credits. The cost to receive college credits is a reduced rate from normal credit courses at Seton Hall University.

AP ECONOMICS (#4640)

Grades 11-12

5 Credits

Prerequisite: teacher recommendation

Based on low enrollments this course may run every other year starting in 2023-24. Members of the class of 2025 who are considering this course before graduation are encouraged to enroll in the class for the 2023-24 school year. This is a course intended to prepare students for the Advanced Placement Exam in

Macroeconomics. The concepts covered in the first semester include understanding the function of markets, the role of consumers and producers, the role of scarcity and competition, and the role of government in the marketplace. Additional concepts covered include the influences of opportunity cost, economies of scale and other factors that influence business decisions. Macroeconomic principles covered in the second semester include monetary policy, the role of the Federal Reserve System and its impact on the individual and institutions, and the role of government taxes and spending.

AP PSYCHOLOGY (#4540)

Grades 11-12

5 Credits

Prerequisite: teacher recommendation

The purpose of this full-year course is to introduce the systematic and scientific study of the behavior and mental processes of human beings and animals. Both psychological theory and practice will be examined. Included is a consideration of the psychological facts, principles, and phenomena associated with each of the major subfields within psychology. Students also learn about the ethics and methods psychologists use in their science and practice. Students are expected to prepare extensively for this advanced course.

CRIMINAL JUSTICE IN AMERICA (#4940)

Grades 10-12

2.5 Credits

This course takes the students on a journey through the American legal system by providing background in our culture and its relationship to law and order, identification of the major crimes, types of law prevalent in the United States, and the role of law enforcement. In addition, emphasis is placed on our amendment rights, which affect the criminal justice system and the major Supreme Court decisions. Special issues such as serial killers and current events will also be discussed. Depending on availability and resources, the potential to interact with guest speakers in the criminal justice field will also be explored.

ECONOMICS (#4620)

Grades 10-12

2.5 Credits

This course introduces students to the study of economics and principles of financial investment. Key topics of study include the principles of supply and demand, personal finance, saving, the Federal Reserve System, monetary and fiscal policy, and inflation and unemployment as economic challenges. In addition, the following topics will be addressed: income and careers; money management; credit and debt management; planning, saving, and investing in the stock market; becoming a critical consumer; civic financial responsibility; and risk management and insurance. This course fulfills the Financial Literacy requirement and serves as a building block for AP Economics.

HISTORY OF AMERICAN WOMEN (#4931)

Grades 10-12

2.5 Credits

This course examines the history of women's legal status and experiences in the United States from the colonial era to the 1970s. For each period, we will consider the legal status and experiences of women (including advocacy for reform of women's legal status). We will consider topics particular to each period, including prevalent ideologies and or social movements. Finally, the course charts the history of women in legal education and the legal profession throughout these periods. The course concludes with a research roundtable in which students explore issues in their research with peers by, among other things, commenting on one another's drafts.

HUMAN RIGHTS AND GENOCIDE (#4430)

Grades 10-12

2.5 Credits

Human Rights and Genocide will be a two-part course whose specific purpose is to introduce the students to basic fundamental human rights and examples of genocide throughout history. The first part of the course will deal with basic fundamental human rights covering a broad range of areas including but not limited to: definition and examples of human rights, political human rights, and economic human rights. The second part of the course will deal with exploring examples of genocide throughout history. Building upon what the first half of the course established in terms of defining what human rights consist of, the course will investigate specific examples of genocide around the world. Areas, which will be explored, include the Holocaust, Rwanda, Cambodia, Bosnia, Armenia, and the purges of Josef Stalin in the Soviet Union.

MASS MEDIA AND AMERICAN HISTORY (#4932)

Grades 10-12

2.5 Credits

This course will study how mass media, particularly the film industry, has facilitated significant historical shifts in American culture. Students will be asked to examine the relationship between reality and representation. Students in this class will analyze how film has created and altered American culture beginning with DW Griffith's 1915 *Birth of a Nation*. Additionally, students will examine how cultural, social and historical conflicts are represented through television and film. By watching, discussing, and writing about films, students will examine how motion pictures create a window into modern American and world society. Students will learn how to "read" film as cultural texts that help us better understand our history. The class will also study the effects media has had on American politics with particular attention to presidential races.

PSYCHOLOGY (#4520)

Grades 10-12

2.5 Credits

This survey course examines the basic principles underlying human behavior. Emphasis is placed on major areas of study in the field of psychology, such as learning the biological basis of behavior and its treatment, memory, life-span development, sensation and perception, personality, stress and adjustment, motivation, and abnormal behavior. Also examined are the approaches taken in gathering and evaluating scientific findings, and the individuals who have shaped the field. By learning to think psychologically, students gain insight into themselves and the dynamics of human thinking, behavior, and emotions.

SOCIOLOGY (#4420)

Grades 10-12

2.5 Credits

This course strives to produce a better understanding of man himself and man's relationship within his community, country and the world. Areas of study include cultural anthropology, sociology, personality and social psychology, a contrast of social institutions in urban and primitive societies, cultural changes, and the major social problems of an era. Influence of the family and exposure to mass media will be examined as integral forces in personality development.

WORLD LANGUAGES

Supervisor: James Kluska

The World Languages Department strives to develop a global perspective and language fluency. The mission of the New Jersey Student Learning Standards for World Languages states, "The study of another language and culture enables individuals, whether functioning as citizens or workers, to communicate face-to-face and by virtual means in appropriate ways with people from diverse cultures."

Del Val offers courses in German, Spanish, and American Sign Language. Two years of a World Language are required for graduation. It is highly recommended that both years be in the same World Language. A fourth year of language is available in all modern World Languages at Del Val, and students in these classes receive additional recognition as these are all Honors designated. For especially advanced students Advanced Placement is available in Spanish. All World Languages classes have a goal of preparing students to use a second language in communicating with native speakers, especially in conversations, which are so frequently encountered in the global society in which we live.

Basic classes are available in both German and Spanish. They are meant to afford opportunities to students who normally struggle with grammar and written work. An effort is made to keep each of these classes to a minimum number of students. These classes may not carry college-prep accreditation.

AMERICAN SIGN LANGUAGE I (#7130)

Grades 9-12

5 Credits

Satisfies one year of the World Language requirement.

The course is designed to develop the skills and knowledge needed to communicate in American Sign Language - introducing basic sign language vocabulary, fingerspelling, and sentence structure. Students will be introduced to aspects of American Deaf culture and history. In addition, students will refine their knowledge of the Deaf community and Deaf education. Other relevant topics will be addressed.

AMERICAN SIGN LANGUAGE ACADEMIC (#7133)

Grades 9-12

5 Credits

AMERICAN SIGN LANGUAGE II (#7131)

Grades 9-12

5 Credits

Prerequisite: American Sign Language I

This course is designed to continue the development of skills and knowledge needed to communicate in American Sign Language. Students will develop a novice range of communication skills with the ability to expand discourse based on prior knowledge learned in ASL I. Students will continue to focus on building mastery of grammar skills, increasing vocabulary, and gaining a deeper understanding and appreciation for deaf culture.

AMERICAN SIGN LANGUAGE III (#7132)

Grades 11-12

5 Credits

This course is designed to continue the development of skills and knowledge needed to communicate in American Sign Language. Students will develop a stronger range of communication skills with the ability to expand discourse based on prior knowledge learned in ASL II. Students will continue to focus on building mastery of grammar skills, increasing vocabulary, and gaining a deeper understanding and appreciation for deaf culture.

GERMAN I CP (#7123)

Grades 9-12

5 Credits

Fundamentals of the German language, its structure, sounds and vocabulary are studied. Reading simple material and drills in the spoken language are also stressed. Speaking, reading, listening, and writing in the target language will be introduced.

GERMAN I - Academic (#7114)

Grades 9-11

5 Credits

Greetings, introductions, one's residence, family, describing one's family members, talking about favorite activities, and other basic elements of conversation will be the components of this course. Listening comprehension will be a major element of the course as well. Writing and grammar points will be minimal although proficiency will be necessary and will be tested by recognition and identification. Reading comprehension will largely concern situations described above (conversations) with assessment stressing recognition and identification. Efforts will be made to minimize class size. This course is on par with typical middle school content and does not meet most college entrance requirements for World Language.

GERMAN II CP (#7223)

Grades 10-12

5 Credits

Prerequisite: *German I CP*

This course is a continuation of the first year program with greater emphasis on vocabulary building. Introduction to the cultures of Germany, Switzerland and Austria is explored through the use of videos, music, dancing, and food. Emphasis will be placed on speaking, reading, writing, listening and viewing in the target language.

GERMAN II - Academic (#7214)

Grades 10-12

5 Credits

Prerequisite: *German I - Basic*

Students will continue to develop listening and speaking skills so that conversation in German can be enhanced. Some grammar will be needed, but the emphasis will continue to be placed on the ability to communicate ideas in everyday situations. Projects and activities are utilized to help develop fluency. Efforts will be made to minimize class size.

GERMAN III CP (#7323)

Grades 11-12

5 Credits

Prerequisite: *German II CP*

This is a continuing development of skills in reading, writing, speaking and understanding the language. German language structure will continue to be studied. Readings will be part of the program, both in class and independently. The cultures of Germany, Switzerland, and Austria are studied through the use of videos, music, dancing, and food. Continued emphasis will be placed on speaking, writing, listening and viewing in the target language.



GERMAN IV Honors (#7433)

Grade 12

5 Credits

Prerequisites: *German III and teacher recommendation*

In this course, students will review and build upon previously-learned vocabulary and grammar knowledge, while developing communicative competence in interpersonal, interpretive, and presentational modes. Students can expect to apply this knowledge to relatively more complex situations and engage with more complex authentic sources. This course will to the greatest extent possible be taught in German. Student learning and performance assessments will also be done in German. This course is an approved Concurrent Enrollment course through Seton Hall University and it is based on an approved *AP German Language and Culture* curriculum.

Students may choose to take the course for up to six college credits. The cost to receive college credits is a reduced rate from normal credit courses at Seton Hall University.

SPANISH I CP (#7121)

Grades 9-11

5 Credits

Prerequisite: *Teacher Recommendation*

This is an introductory course designed to develop basic Spanish language skills in four areas: listening, speaking, reading and writing. Presentation of everyday vocabulary and colloquial expressions coupled with simple grammatical structures help students to communicate in the target language. Classroom use of interactive activities such as skit presentations, interpersonal writing, interviews, cooperative and individual projects are intended to help students more authentically use the language through context. The use of multimedia will enhance the experience and encourage students to put the target language into practice. The program also includes an introduction to elements of Hispanic history, geography, and culture. Students explore these areas in an effort to gain an understanding and appreciation of countries where Spanish is spoken.

SPANISH II CP (#7221)

Grades 9-12

5 Credits

Prerequisite: *Spanish I CP*

This course helps students build upon the four language proficiency skills studied in level one: listening, speaking, reading and writing. More complex vocabulary and grammatical structures are presented. Continued use of interactive activities such as role plays, and interviews encourages students to use the language in more authentic ways. Multimedia is used to enhance language development. Students continue to explore cultural,

historical, and geographical topics in an effort to broaden their knowledge and deepen their interest in the unique heritage of Spanish speaking countries.

SPANISH III CP (#7321)

Grades 10-12

5 Credits

Prerequisite: *Spanish II CP*

Spanish III offers students the opportunity to continue to develop communicative competence in the language by review of basic vocabulary and grammatical structures already learned in levels one and two, and by incorporating new vocabulary with more advanced grammar concepts. Continued focus on the four proficiency skills, listening, speaking, reading, and writing is emphasized. Using a variety of topics, students learn to communicate commensurate with their level of study, employing more complex grammatical structures and expressing themselves in more concrete terms. The usage of current events provides authentic material for students to discuss. The cultural component highlights notable people, places and events that are a hallmark of Spanish speaking culture. Students discuss, give opinions on information gleaned from research of cultural material. A brief introduction to some Hispanic authors and their works is included.

SPANISH IV Honors (#7431)

Grades 11-12

5 Credits

Prerequisite: 85 or higher in *Spanish III CP*; teacher recommendation

This course provides a deeper development of the four communication skills in the target language. Emphasis is placed on students speaking Spanish at all times. Students put to use vocabulary, grammatical structures/concepts accumulated in the previous years of study. Fundamental grammar is reviewed in conjunction with learning more advanced structures. Multimedia is incorporated to show the use of vocabulary and grammar in context. Classroom activities such as role plays, interviews, cooperative and individual projects provide a forum to showcase the use of vocabulary and grammatical structures. Students are introduced to Hispanic literature written by notable authors from Spain and Latin America to help them gain insights into the history, geography, and culture of Spanish speaking countries.



AP SPANISH - Language (#7541)

Grade 12

5 Credits

Prerequisite: 85 or higher in *Honors Spanish IV*; teacher recommendation

AP Spanish Language is an intense course of study that focuses on advanced listening, speaking, reading, and writing language skills development. Emphasis is placed on thinking in Spanish. Students engage in activities that sharpen each of the four proficiency skills. Interactive activities such as interviews, role plays, oral dialogues, cooperative and individual projects are used. Multimedia including podcasts, pertinent internet websites, and videos stimulate student discussion and interaction. Advanced grammar and writing skills are another main focus. Works of Spanish literature will be read and examined as recommended by the Advanced Placement Spanish Language Exam of the College Board.

Students may choose to take the course for up to six college credits. The cost to receive college credits is a reduced rate from normal credit courses at Seton Hall University.

SPANISH I Academic (#7115)

Grades 9-11

5 Credits

Prerequisite: Qualifying Placement Score

Spanish I Basic offers selected basic elements of Spanish language study. Greetings, introductions, expressing likes and dislikes, descriptions, locating objects and similar basic elements used to begin a sustained conversation will be the major focus of the course. Listening comprehension is stressed in conjunction with identifying everyday places, family relationships, weather conditions, and seasons, all of which will be major parts of the course. Writing and grammar points will be minimal, although some will be necessary to master the language by recognition and identification. Reading comprehension will concern itself largely with basic situations with assessment stressing recognition and identification. Efforts will be made to minimize class size. This course is on par with typical middle school content and does not meet most college entrance requirements for World Language.

SPANISH II Academic (#7215)

Grades 10-12

5 Credits

Prerequisite: *Spanish I Basic*

Spanish II Basic helps students continue to develop listening and speaking skills learned in level I. Some additional basic grammar structures will be presented, however the emphasis will continue to be placed on the ability to communicate ideas set in everyday situations. Multimedia will be incorporated throughout the course to facilitate recognition of selected thematic vocabulary. Projects and interactive activities are used to develop fluency. Efforts will be made to minimize class size.

SPECIAL EDUCATION

Supervisor: Sandra Morisie

The Special Education program is designed for students with special needs as per each student's Individualized Education Program (IEP). Students with special needs depending on the specifics of their IEP have access to a range of options which may include programming that:

- is diagnostic and prescriptive.
- follows the appropriate grade level proficiencies with accommodations and modifications as necessary.
- is multisensory in its approach to instruction and assessment.
- addresses organizational tasks and study skills in preparation for postsecondary education.
- is life-skills based.

IN-CLASS SUPPORT/COLLABORATIVE INSTRUCTION

In-class support/collaborative programs are offered in language arts, math, social studies and science. Two instructors, a general education teacher and a special education teacher, are co-teachers in some required courses. The presence of two teachers in the classroom provides for individualized support/instruction, as well as multiple hands-on activities, greater student success, and a lower teacher-student ratio. Collaborative programs are offered at Academic and College Prep (CP) levels.

FOUNDATIONS COURSES

The Foundations resource program is designed for special education students with a variety of learning disabilities and needs. Instruction is designed to accommodate individual students and to provide students with opportunities for success. Limited enrollment allows for closer student-teacher interaction and individual instruction. Foundations classes parallel the general education curriculum and grade levels with appropriate individualized modifications as necessary in the areas of English, Math, Science, and Social Studies.

SPECIAL EDUCATION FOUNDATIONS COURSES		Grade	Credits
<i>ENGLISH I - Foundations</i> (#3100)		9	5
<i>ENGLISH II - Foundations</i> (#3200) Prerequisite: <i>English I Foundations</i>		10	5
<i>ENGLISH III - Foundations</i> (#3300) Prerequisite: <i>English II Foundations</i>		11	5
<i>ENGLISH IV - Foundations</i> (#3400) Prerequisite: <i>English III Foundations</i>		12	5
<i>MATH I - Foundations</i> (#5100)		9 - 12	5
<i>MATH II - Foundations</i> (#5200) (Practical Applications) Prerequisite: <i>Math I Foundations</i>		10 - 12	5
<i>MATH III - Foundations</i> (#5300) (Business) Prerequisite: <i>Math II Foundations</i>		11 - 12	5
<i>MATH IV - Foundations</i> (#5400) (Business) Prerequisite: <i>Math III Foundations</i>		11 - 12	5
<i>BIOLOGY - Foundations I</i> (#6200)		9	5
<i>CHEMISTRY - Foundations II</i> (#6312)		10	5
<i>PHYSICS - Foundations III</i> (#6410)		11	5
<i>GENERAL SCIENCE II - Foundations III</i> (#6300)		11	5
<i>GLOBAL STUDIES - Foundations</i> (#4104)		9	5
<i>United States History I- Foundations</i> (#4200) Prerequisite: <i>Global Studies - Foundations</i>		10	5
<i>United States History II - Foundations</i> (#4300) Prerequisite: <i>U.S. History/American Civilization I - Foundations</i>		11 - 12	5

MULTIPLE DISABILITIES PROGRAM (MD)

Grades 9-12

The *Multiply Disabled* class involves a Life Skills Curriculum as well as a Community Based Instruction. This program offers Math, Social Studies, English and Science classes that are differentiated according to students' needs. Students may remain in the program for all of these core classes or choose only those that are applicable. This program also offers a Communications for Life Class, which focuses on teaching students' conversation skills and appropriate behavior within the home, school and community settings. On average, the students will go out once a week in various settings and practice social skills, reading, and math skills, as well as gain a better understanding for their community.

SUPERVISED STUDY (#9944)

Grades 9-12

5 Credits

Students are assigned to the Supervised Study program by the Child Study Team through the IEP process. The Supervised Study program is designed to support students in their core content area classes. It also provides support for improving basic skills and assisting students with strategies for meeting both the academic and social demands of the classroom and school environment.

READING AND LANGUAGE SKILLS - Foundations (#9980)

Grades 9-12

5 Credits

Reading and Language Skills is a developmental reading program designed to remediate reading and organizational skills in content areas. Specific instruction, utilizing a combination of approaches, which includes the Wilson Reading Program, will help to improve the student's basic comprehension skills, vocabulary, pronunciation and spelling. Controlled materials are utilized to help the student organize his or her assignments in other subject disciplines. The Child Study Team and the student's IEP team determine placement in *Reading and Language Skills Foundations*.

FIERCE (#9985, 9986 PT, 9987 FT)

Grades 11-12+

7.5 / 15 Credits

FIERCE, Focus on Independence, Employment, Resources and Community Exploration, is an employment/independent living transition program that is designed for special needs students who have completed their academic requirements for high school and are ready to transition to life as independent adults. Students are supported by paraprofessionals acting as job coaches, as well as the program lead teacher. In addition to job and work readiness skills, students explore options for independent living including housing, community services, recreation for physical and mental well-being and activities of daily life. The FIERCE program offers full day and half day options.

UNIFIED DANCE (#8591)

Grades 9-12

2.5 Credits

This course will focus on dance and rhythmic activities. As well as balance, coordination, self-expression and reflective behavior. We will be working on the styles of ballet and modern technique. Utilizing creative movement to discover our own artistic voice. All while developing a sense of self-awareness; body, feelings, impact on others; increasing movement repertoire; improving self-control; increasing awareness of environment; improving socialization and cooperation skills; developing strategies for relaxation and energizing, and enhancing

self-esteem.

UNIFIED MUSIC (#8391)

Grades 9-12

2.5 Credits

Unified Music is a class for students who are interested in working collaboratively with other students to further expand their knowledge of music. This will include basic music theory, music appreciation, and piano and percussion skills. There is no prerequisite for this class.

UNIFIED PE (#8192)

Grades 9-12

5 Credits

This physical education program includes students with a diverse range of abilities, needs, interests and learning styles. This program is an inclusive program where respect and acceptance of all students is an essential component. Students with special needs and their peers are seen as classmates and teammates. Peer to peer teaching is a fundamental strategy for the development of fully engaged student involvement in instructional activities, sharing equally and learning together. The goal of this course is educational equity and access for all students. A differentiated learning approach is used to allow students to progress along a continuum of skill development and advancement.

ACCELERATED CREDIT PROGRAM

This program will provide an opportunity for qualified students to receive course credit, personalized coursework, or college credit prior to high school graduation. The basic premise of the Accelerated Credit Program is for students to increase their educational options, to enhance their opportunities for challenging and beneficial work, and to begin preparing for their future college education or career.

EARLY CREDITS PROGRAM

The Raritan Valley Community College (RVCC) Early Credits Program is a partnership program linking Delaware Valley Regional and the RVCC to provide qualified high school seniors the opportunity to enroll in challenging courses at the RVCC campus, which are normally taken by college freshmen. Seniors will have an abbreviated Del Val schedule. Students who successfully complete this coursework will have their earned college credits documented on a regular RVCC transcript. These credits can either be applied to RVCC degree programs or transferred to other colleges and universities across the nation.

OPTION II

Reasons to pursue Option II credit - *Credit Recovery*: to regain credit for a course failed during the regular academic year; *Advancement*: to move ahead in a sequentially-leveled program; *Graduation Requirement*: to fulfill a high school course requirement for students pursuing early graduation ; *Enrichment*: to take a course outside the offerings of Del Val. Types of Option II Credits - Option II credits may be earned through: *Dual Enrollment*: earning high school credit while taking a college level course; *Distance Learning*: by taking an online course through an approved accredited provider; *DVRHS approved Independent Study*; *Physical Education Program* for those students with extraordinary athletic involvement outside of school activities and sports. Contact your counselor if you are interested in Option II credit.

CONCURRENT ENROLLMENT PROGRAM

Delaware Valley Regional has a Concurrent Enrollment Program (CEP), which is a dual credit agreement with both Raritan Valley Community College (RVCC), New Jersey Institute of Technology (NJIT), and Seton Hall University (SHU) for students interested in earning college credit for courses they are completing with Del Val teachers. These courses are identical or similar to conventional courses, but they also fulfill RVCC's, NJIT's, and SHU's standards and requirements. Students can earn high school credit and college credit simultaneously. These credits can either be used at those colleges or transferred to many other colleges and universities across the nation. Students registered to earn college credit cannot be exempt from any exams. Courses will continue to be added, so speak to your counselor if you are interested in this program.

EARLY GRADUATION OPTIONS

Delaware Valley offers an option for students who would like to graduate early by either shortening or eliminating their senior year. If you would like to pursue this option, you must meet with your counselor to discuss your options and plan how you will meet your graduation requirements. Once you have your graduation plan, you will complete an [Early Graduation Application](#). A meeting with the principal will be arranged once

your application is received, after which you'll be notified of the decision to approve or deny your request. Applications must be made by May 15th of your sophomore year.

PRACTICAL ARTS ELECTIVES					
Business	Credits	Grade 9	Grade 10	Grade 11	Grade 12
Accounting	5	✓	✓	✓	✓
Entrepreneurship	5		✓	✓	✓
Introduction to Business Management	5	✓	✓	✓	✓
Principles of Marketing	5		✓	✓	✓
Industrial Arts	Credits	Grade 9	Grade 10	Grade 11	Grade 12
Design & Materials Processing	5	✓	✓	✓	✓
Intro to Engineering Design	5		✓	✓	✓
Civil Engineering and Architecture (2024-25)	5			✓	✓
Digital Electronics (2023-24)	5			✓	✓
TV Media I-IV	5 each	✓	✓	✓	✓
Wood I-IV	5 each	✓	✓	✓	✓
Math	Credits	Grade 9	Grade 10	Grade 11	Grade 12
AP Computer Science Principles	5	✓	✓	✓	✓
General Electives	Credits	Grade 9	Grade 10	Grade 11	Grade 12
Editorial Layout & Design I - No longer a PA	5	✓	✓	✓	✓
Editorial Layout & Design II - No longer a PA	5		✓	✓	✓
Editorial Layout & Design III/IV - No longer a PA	5			✓	✓
FINE ARTS ELECTIVES					
Art	Credits	Grade 9	Grade 10	Grade 11	Grade 12
Color & Design	2.5	✓	✓	✓	✓
Ceramics I,II, III	2.5 each	✓	✓	✓	✓
Drawing I, II	2.5 each	✓	✓	✓	✓
Introduction to Photography	5		✓	✓	✓
Photography Advanced	2.5			✓	✓
Introduction to Sculpture	2.5	✓	✓	✓	✓
AP Studio Art	5			✓	✓
Performing Arts	Credits	Grade 9	Grade 10	Grade 11	Grade 12
Introduction to Dance	5	✓	✓	✓	✓
Commercial Dance	5		✓	✓	✓
Unified Dance	2.5	✓	✓	✓	✓
Jazz & Tapp	2.5	✓	✓	✓	✓
Contemporary Drama	5			✓	✓
Taking the Stage (formerly Performing Arts)	5	✓	✓	✓	✓
Music	Credits	Grade 9	Grade 10	Grade 11	Grade 12
Chorus	5	✓	✓	✓	✓
Concert Band	5	✓	✓	✓	✓
Song Writing & Theory	5	✓	✓	✓	✓
AP Music Theory	5		✓	✓	✓
Jazz Lab	2.5	✓	✓	✓	✓
Percussion Lab	2.5	✓	✓	✓	✓
Guitar Lab I	2.5	✓	✓	✓	✓
Guitar Lab II	2.5	✓	✓	✓	✓
Piano Lab	2.5	✓	✓	✓	✓
Advanced Piano Lab	2.5	✓	✓	✓	✓

Music Technology	2.5	✓	✓	✓	✓
Advanced Music Technology	2.5	✓	✓	✓	✓
Unified Music	2.5	✓	✓	✓	✓
Vox Auri	5		✓	✓	✓
ACADEMIC ELECTIVES					
English	Credits	Grade 9	Grade 10	Grade 11	Grade 12
Journalism I, II	5 each	✓	✓	✓	✓
Journalistic Writing & Analysis III	5			✓	✓
Journalistic Writing & Analysis IV	5				✓
Math	Credits	Grade 9	Grade 10	Grade 11	Grade 12
Probability and Statistics	5			✓	✓
AP Statistics	5			✓	✓
AP Calculus AB	5			✓	✓
AP Calculus BC	5				✓
AP Computer Science Principles	5	✓	✓	✓	✓
Python Programming Fundamentals	5		✓	✓	✓
AP Computer Science A	5			✓	✓
Computer Science Capstone	5				✓
Science	Credits	Grade 9	Grade 10	Grade 11	Grade 12
Astronomy	2.5			✓	✓
Marine Biology	2.5			✓	✓
Environmental Science CP	5			✓	✓
Intro to Agriculture, Food, and Natural Resources	5	✓	✓	✓	✓
Principles of Agricultural Science	5		✓	✓	✓
Principles of Biomedical Science	5	✓	✓	✓	✓
Human Body Systems	5		✓	✓	✓
Medical Interventions	5			✓	✓
Biomedical Innovation	5				✓
AP Biology	5			✓	✓
AP Chemistry	5			✓	✓
AP Physics I	5			✓	✓
AP Physics II	5				✓
AP Physics C	5				✓
Social Studies	Credits	Grade 9	Grade 10	Grade 11	Grade 12
AP Art History (next offered in 2024-25)	5.0		✓	✓	✓
AP Economics	5.0			✓	✓
AP European History (not offered in 2024-25)	5.0		✓	✓	✓
AP Psychology	5.0			✓	✓
AP Government	5.0			✓	✓
Criminal Justice in America	2.5		✓	✓	✓
Economics	2.5		✓	✓	✓
Human Rights And Genocide	2.5		✓	✓	✓
History of American Women	2.5		✓	✓	✓
Mass Media and American History	2.5		✓	✓	✓
Psychology	2.5		✓	✓	✓
Sociology	2.5		✓	✓	✓

HUNTERDON COUNTY POLYTECH

Hunterdon County Polytech offers a hands-on, work-based, shared time high school education that prepares students for post-secondary educational opportunities or immediate entry into the workforce. Students work with state-of-the-art technology and equipment and receive hands-on training in a variety of fields from automotive and cosmetology to graphic design and health sciences. Students create portfolios for college, gain valuable industry experiences and credentials, develop career schools and even earn college credit through their programs.

High School programs include: Animal Science, Automotive, Building Technologies, Cosmetology, Environmental Science, Culinary Arts, Criminal Justice, Health and Medical Sciences, Art & Visual Communication, Education and more. Link to the high school programs:

<http://www.hcpolytech.org/apps/departments/?show=TDE>

ACADEMIC PLANNING GUIDE

Freshman Year	
English	
Global Studies	
Math	
Biology	
Physical Education & Health	
World Language	
Personal Financial Literacy	
21 st Century Skills	
Elective	
Sophomore Year	
English	
US History I	
Math	
Chemistry	
Physical Education & Health	
World Language	
Elective	
Elective	

Junior Year	
English	
US History II or APUSH	
Math	
Physics	
Physical Education & Health	
World Language*	
Elective	
Senior Year	
English	
Social Studies*	
Math*	
Science*	
Physical Education & Health	
World Language*	
Elective	
Elective	

*Not required for graduation, but recommended for college entrance.