

# DOVER HIGH SCHOOL



## PROGRAM OF STUDIES

2025-2026

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Ms. Dana Sarno, Supervisor of English Language Arts and Media  
Mrs. Erin Shah, Supervisor of Mathematics  
Ms. Cynthia Bass, Supervisor of Social Studies and G&T  
Mr. Matthew Kosensky, Supervisor of Science and 21st Century Life & Careers  
Mrs. Janet Gaynor-Matonti, Supervisor of Fine/Performing Arts

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**\*All courses, programs, and requirements bearing an asterisk should be considered tentative. These courses have been proposed and must be approved by the Dover BOE prior to implementation. While Dover High School leadership and district administration will endeavor to offer the most robust and rigorous selection of classes, there may always be unforeseen circumstances that lead to changes prior to the beginning of each school year.**

## **DOVER HIGH SCHOOL COUNSELING DEPARTMENT AND SERVICES**

The School Counseling Department at Dover High School assists all students in their personal growth through the development of educational planning, self-awareness, goal setting, decision-making, implementation of career plans and the evaluation of personal and career goals. School counselors are student advocates who work cooperatively with other individuals and organizations to promote the development of our students. School counselors consult and collaborate with teachers, administrators and families to assist students in preparing for college, post-secondary success, and encourage the pursuit of life-long learning.

Parents are encouraged to contact the student's counselor at any time with concerns regarding academic progress, student's preparation for college and career readiness, and other concerns. Students can request an appointment with their counselor or come in to meet during any non-instructional time during the school day or before or after school hours. Parents are encouraged to call or email their child's school counselor to schedule an appointment. The Department utilizes *Family Connection (Naviance)*, an online college and career readiness program, to help students and parents explore and learn about career options, college and universities, and discover a number of local and national scholarship opportunities. If you need assistance with your student's Naviance account, please contact the Counseling Department.

## **DOVER HIGH SCHOOL POLICIES**

### **Scheduling**

If more students choose particular elective courses than can be accommodated in existing facilities or with allocated resources, preference in scheduling will be given to seniors. Enrollment shall proceed according to student grade level (senior, junior, sophomore, freshman).

### **Schedule Changes and Drop/Add Period**

Class schedules will be discussed and planned carefully by students and their counselors during the winter and spring of the current year. This planning and consideration should alleviate much of the need for changes once the school year has begun. However, for those students still requiring a change, there will be guidelines to follow.

No schedule changes will be allowed during the first five school days of the year; these days will be dedicated to scheduling newly-registered students, addressing any errors, and balancing class sections. Beginning on the sixth day of the year there is a "drop/add" period that will last for one week. During this time a student may request a change of elective or an appropriate change to a core subject class. After the drop/add period ends, no schedule changes will be made unless approved by the department and counseling supervisor.

Any student who withdraws from a course after add/drop through the end of the sixth week of class will be eligible for a WP or WF which will be represented on the transcript. After six weeks, any withdrawals are a WF. Parent/guardian permission and a signed WP/WF acknowledgment form are required. A student may not withdraw from a course once half of the course sessions have occurred. If the course is not dropped by the above deadline the student must remain in the course until its conclusion. Requests for an exception to this policy will be viewed and determined on an individual basis. Proof of extenuating circumstances must be provided for requests to be considered.

Seniors requesting to withdraw from a course will be required to contact the colleges to which they have applied to verify that withdrawing from the course will not have an impact on admissions.

### **Grade Level Promotion**

Students who earn 30 or more credits in an academic year advance to the next grade level. In the event a student fails a required course, he/she must repeat and pass that course in order to meet all credit/course requirements for graduation.

### **Attendance**

In addition to meeting course requirements, students will receive credit in courses if they comply with established attendance requirements outlined in the student handbook.

### **Class Placement and Appeals**

Students are required to satisfy all listed prerequisites for placement in many classes. If a student disagrees with a placement they must complete and submit a course waiver request form, signed by the student and a parent or guardian.

## **COLLEGE ENTRANCE REQUIREMENTS**

Since college programs and admission requirements vary greatly depending on the major to be pursued and on the competitiveness of the college to which a student is applying, it is essential that students work closely with their counselor through the process of career decision, college selection, application and admission.

Students are encouraged to work to their capabilities each year by taking advantage of Honors, Advanced Placement, and Dual Enrollment courses. Most colleges consider the following important factors in the evaluation of college applications:

1. **Scholastic record of grades achieved.** This record begins freshman year.
2. **Rank in class.** This is a statistic that compares each student's overall academic performance with those of his/her classmates. The class rank sent to colleges at the time of application is based on 6 semesters of work.

### **Weighting of grades for GPA and Class Rank:**

<b>Regular</b>	<b>Honors</b>	<b>AP Courses</b>
A+ = 4.3	A+ = 4.8	A+ = 5.3
A = 4.0	A = 4.5	A = 5.0
A- = 3.7	A- = 4.2	A- = 4.7
B+ = 3.3	B+ = 3.8	B+ = 4.3
B = 3.0	B = 3.5	B = 4.0
B- = 2.7	B- = 3.2	B- = 3.7
C+ = 2.3	C+ = 2.8	C+ = 3.3
C = 2.0	C = 2.5	C = 3.0
C- = 1.7	C- = 1.7	C- = 1.7
D+ = 1.3	D+ = 1.3	D+ = 1.3
D = 1.0	D = 1.0	D = 1.0
F = 0	F = 0	F = 0

\*Weight for AP courses will be provided to students that take the AP exam. Otherwise, students will earn honors weight for the course.

3. **Academic Units.** Colleges generally require a “minimum” of 16 units of college preparatory subjects to include the following:

- 4 units of English
- 3 units of Math- 4-5 units for STEM (Science, Technology, Engineering or Math)
- 3 units of Social Studies
- 2 units of World Language
- 3 units of Laboratory Science
- 4 – 6 units of academic electives (in the areas of English, Math, Science, Social Studies, World Language or Computer Programming).

**Colleges often evaluate applicants based on the number of units and the academic rigor demonstrated by the student schedule.**

## **DOVER HIGH SCHOOL GRADUATION REQUIREMENTS**

As established by Board of Education Policy, students must accrue 120 credits in order to meet requirements for graduation. Those credits must be distributed among specific areas of study to include:

<b>Subject Area</b>	<b>Credits</b>	<b>Minimum Course Requirements</b>
English	20	
Mathematics	15	Algebra I, Geometry, Algebra II, 4 <sup>th</sup> yr. highly recommended
Science	15	Biology, plus two of the following: Chemistry, Physics, Environmental Science, Integrated Geophysical Science
Social Studies	15	US History I, US History II, World History
Physical Education/Health	20	One year of P.E./Health for each year enrollment
World Languages	5	
21 <sup>st</sup> Century Life and Careers	5	
Fine, Visual and Performing Arts	5	
Personal Finance or Financial Literacy	2.5	

## **NEW JERSEY HIGH SCHOOL GRADUATION ASSESSMENT REQUIREMENTS**

**The Class of 2025 must demonstrate proficiency by meeting one of the three pathways below. The requirements for ELA and Mathematics as outlined below:**

**In English Language Arts/Literacy, students must demonstrate proficiency:**

1. On NJGPA ; or
2. By meeting the designated cut score on an alternative assessment such as other high school-level NJSLA assessments, the SAT, ACT, or ACCUPLACER as defined in the chart below; or
3. By submitting, through the district, a student portfolio appeal to the New Jersey Department of Education.

**In mathematics, students must demonstrate proficiency:**

1. On NJGPA; or
2. By meeting the designated cut score on an alternative assessment such as other high school-level NJSLA assessments, the SAT, ACT, or ACCUPLACER as defined in the chart below; or
3. By submitting, through the district, a student portfolio appeal to the New Jersey Department of Education.

**Proficiency levels/cut scores for the Class of 2025 are specified in the chart below.**

*Note: Special Education students, whose Individualized Education Plans (IEPs) specify an alternative way to demonstrate proficiencies, will continue to follow the graduation assessment requirements set forth in their IEPs.*

**ELA & MATH ASSESSMENT GRADUATION REQUIREMENTS FOR THE  
CLASS OF 2025**

**Summer Curriculum Writing Review/Q&A**

<b>Pathways Available</b>	<b>English Language Arts/Literacy (ELA)</b>	<b>Mathematics</b>
<b>First Pathway:</b> Demonstrate proficiency by meeting the cut score on the New Jersey Graduation Proficiency Assessment (NJGPA)	NJGPA - ELA $\geq 725$	NJGPA - Mathematics $\geq 725$
<b>Second Pathway:</b> Demonstrate proficiency in English language arts and/or mathematics by meeting the designated cut score on one of the alternative assessments	<ul style="list-style-type: none"> <li>• ACT Reading <math>\geq 17</math></li> <li>• Accuplacer WritePlacer <math>\geq 5</math></li> <li>• Accuplacer WritePlacer English Second Language <math>\geq 4</math></li> <li>• PSAT10 Evidence Based Reading and Writing (EBRW) <math>\geq 420</math></li> <li>• PSAT10 Reading <math>\geq 21</math></li> <li>• PSAT/NMSQT EBRW <math>\geq 420</math></li> <li>• PSAT/NMSQT Reading <math>\geq 21</math></li> <li>• SAT EBRW <math>\geq 450</math></li> <li>• SAT Reading <math>\geq 23</math></li> </ul>	<ul style="list-style-type: none"> <li>• ACT Math <math>\geq 17</math></li> <li>• Accuplacer Elementary Algebra <math>\geq 49</math></li> <li>• Accuplacer Next-Generation QAS <math>\geq 250</math></li> <li>• PSAT10 Math Section or PSAT/NMSQT Math Section <math>\geq 420</math></li> <li>• PSAT10 Math or PSAT/NMSQT Math <math>\geq 21</math></li> <li>• SAT Math Section <math>\geq 440</math></li> <li>• SAT Math Test <math>\geq 22</math></li> </ul>
<b>Third Pathway:</b> Demonstrate proficiency in English language arts and/or mathematics through Portfolio Appeals	Meet the criteria of the NJDOE Portfolio Appeal for ELA	Meet the criteria of the NJDOE Portfolio Appeal for Math

## **ADVANCED PLACEMENT PROGRAM**

Advanced Placement (AP) courses are college level courses with a higher expectation than honors and college preparatory courses. Upon the completion of these courses, students are prepared to take the appropriate AP Exam. A score of 3 or higher on a scale of 1 - 5 may result in placement and or credit at the college level, depending on the college/university. More information about these courses is available at [www.collegeboard.org](http://www.collegeboard.org).

### **Advanced Placement courses offered at Dover High School:**

- English Literature and Composition
- English Language and Composition
- Spanish Language and Culture
- Spanish Literature and Culture
- United States History
- Government and Politics: United States
- Seminar
- Research
- African American Studies
- Computer Science A
- World History
- Psychology
- Physics I
- Biology
- Environmental Science
- Calculus AB
- Calculus BC
- Statistics
- Microeconomics
- Macroeconomics

### **AP Capstone Diploma Program**

AP Capstone™ is a diploma program based on two year-long AP courses: AP Seminar and AP Research. These courses are designed to complement other AP courses that the AP Capstone student may take.

Instead of teaching specific subject knowledge, AP Seminar and AP Research use an interdisciplinary approach to develop the critical thinking, research, collaboration, time management, and presentation skills students need for college-level work.

The College Board developed the AP Capstone Diploma program at the request of higher education professionals, who saw a need for a systematic way for high school students to begin mastering these skills before college.

In both courses, students investigate a variety of topics in multiple disciplines. Students may choose to explore topics related to other AP courses they're taking.

Both courses guide students through completing a research project, writing an academic paper, and making a presentation on their project.

Over the course of the two-year program, students are required to:

- Analyze topics through multiple lenses to construct meaning or gain understanding.
- Plan and conduct a study or investigation.
- Propose solutions to real-world problems.
- Plan and produce communication in various forms.
- Collaborate to solve a problem.
- Integrate, synthesize, and make cross-curricular connections.



## **Assessment**

AP scores for both courses are based on teacher assessment of student presentation components and College Board scoring of student-written components plus an end-of-course exam (for AP Seminar only).

## **Awards**

Students who earn scores of 3 or higher in AP Seminar and AP Research and on four additional AP Exams of their choosing receive the AP Capstone Diploma™. Students who earn scores of 3 or higher in AP Seminar and AP Research but not on four additional AP Exams receive the AP Seminar and Research Certificate™.

Students who earn these awards can view and print their diploma or certificate online. The award is also acknowledged on any AP score report that is sent to colleges after the award has been conferred.

Note: the AP Capstone Diploma and AP Seminar and Research Certificate are reported to colleges and universities as AP Scholar Awards and appear in Scholar Roster reports.

## **Pedagogy**

AP Capstone gives students the following pedagogical foundation, called the QUEST framework, to develop, practice, and hone their critical and creative thinking skills as they make connections between various issues and their own lives:

- **Question and Explore**  
Questioning begins with an initial exploration of complex topics or issues. Perspectives and questions emerge that spark one's curiosity, leading to an investigation that challenges and expands the boundaries of one's current knowledge.
- **Understand and Analyze Arguments**  
Understanding various perspectives requires contextualizing arguments and evaluating the authors' claims and lines of reasoning.
- **Evaluate Multiple Perspectives**  
Evaluating an issue involves considering and evaluating multiple perspectives, both individually and in comparison to one another.
- **Synthesize Ideas**  
Synthesizing others' ideas with one's own may lead to new understandings and is the foundation of a well-reasoned argument that conveys one's perspective.
- **Team, Transform, and Transmit**  
Teaming allows one to combine personal strengths and talents with those of others to reach a common goal. Transformation and growth occur upon thoughtful reflection. Transmitting requires the adaptation of one's message based on audience and context.

## **SAMPLE FOUR-YEAR PLAN FOR CLASS OF 2028**

The following program is offered as a guide for planning students' four-year high school courses. These courses are listed as suggestions. Therefore, students are advised to consider this model but to rely upon discussions with parents, teachers, and their school counselor in order to determine the appropriate level for each course. Descriptions of the different levels offered for each subject appear in the course descriptions section for each department.

<b>Grade 9</b>	<b>Grade 10</b>
English I or English I (H)	English II or English II (H)
US History I or US History I (H)	United States History II, or AP US History
Algebra I, Geometry, Geometry (H)	Geometry, Geometry (H), Algebra II, Algebra II (H)
Biology or Biology (H)	Biology or Chemistry, Chemistry (H)
World Language I	World Language II
Physical Education & Health	Physical Education & Driver Education
Freshman Experience/Elective	Elective, or AP Seminar
Elective	Elective

<b>Grade 11</b>	<b>Grade 12</b>
English III or AP English Lit.	English IV, English IV (H) or AP English Lang.
World History Cult., World History Cult (H), or AP World History	Academic Elective or AP Elective
Algebra II, Pre-Calculus, AP Statistics or Pre-Calculus (H)	Statistics, Pre-Calculus, Calculus (H), or AP Calculus AB or BC
Chemistry, Physics, or AP Physics I	Physics, AP Biology, Environmental Science, AP Environmental Science, or Int. Geophysical Science
World Language III (H) or AP World Language	World Language IV(H) or AP World Language
Physical Education & Health	Physical Education & First Aid
Personal Finance	Elective, or AP Research
Elective	Elective

## Option II Programs

Option II provides students with the opportunity to earn credits in a more personalized and independent manner, rather than the traditional “in-the-seat” course enrollment option. Option II offers alternative paths to credits that meet or exceed the New Jersey Student Learning Standards and are based on student interest or career goals. Option II allows for the design and implementation of programs to meet the needs of all students.

### 1) Independent Study

The Independent Study Program provides opportunities for students to make decisions for the direction of their learning. The program a student chooses may be pursued in a variety of academic areas. The student and teachers will discuss and set goals for the study. Periodic progress reports and other developmental measurements are completed by the student and reviewed by the faculty advisor and the Option 2 Coordinator.

### 2) School to Career/Internships

Students who elect School to Career will have an opportunity to demonstrate both teamwork and problem solving skills through a structured experiential learning opportunity. This is designed to provide students with exposure to the requirements and responsibilities of specific job titles or job groupings and to assist them in gaining employment skills while making career and educational choices. Examples include, but are not limited to: apprenticeships, cooperative education, school-based experiences, internships/career shadowing, and paid employment. These experiences must meet all state and federal child labor laws. A teacher or other certificated staff member who is a certified SLE will be needed, as we will need to have site visits.

### 3) Athletics Participation/Alternate Physical Education

Student-Athletes who are eligible by NJSIAA guidelines and participate in an athletic program will earn credit on a Pass/Fail basis. Students participation in this Option Two program will be graded on a Pass/Fail basis. This grade will not be factored into the students’ GPA or class rank. This program only applies to Physical Education. Student-Athletes are still required to complete the state Health Education requirement.

### 4) Hybrid and Online Courses

Students in need of credit recovery or those interested in a field of study not offered at Dover High School can complete an online course of study via an accredited educational platform. This platform must have an evaluative component such as tests or projects. The course title and level will be posted on the high school transcript with a grade based on the assessment as well as credit earned. Students participating in the Option II online courses may elect to enroll in a maximum of two (2) full year courses (10 credits) per school year.

### 5) Service Learning Opportunities

Students who volunteer for community service are eligible to earn up to 2.5 credits per semester with a maximum of 10 credits throughout their secondary education career. Students, parents, and community organizations will need to complete the forms in order for students to receive credit. Dover High School will not authorize specific locations for service credit, rather review of documentation will suffice. Typically, 50 hours of community service will allow for 2.5 credits per semester.

**ART DEPARTMENT**

The Visual Arts Department provides students with the means to explore visual media as a method of communication for ideas, thoughts and self-expression. Through a sequential course of study, students will create two and three-dimensional artworks, and explore the significance of art from cultures around the world and time periods throughout history. They will participate in individual, group, written and oral critiques of artistic works. Students will also have the opportunity to participate in school and community art exhibitions in addition to field trips to galleries, museums and art exhibitions. All courses are aligned with the New Jersey Student Learning Standards (NJSLS).

**CERAMICS I    Grades 9-12**

**This course meets 2.5 of the 5 credit the graduation requirement for Visual and Performing Arts**

**2.5 credits**

In this course, students will be introduced to the history of ceramics; and cover basic ceramic techniques and skills. Students will focus on pinch, coil and slab hand-built methods. In addition, the fundamentals of the potter's wheel will be explored as well as decorative and glazing techniques.

## MIXED MEDIA SCULPTURE    Grades 9-12

**This course meets 2.5 of the 5 credit graduation requirement for Visual and Performing Arts**

**2.5 credits**

In this course, students will explore creating 3D sculptures from a variety of media including clay, wire and paper mache.

## CERAMICS II Grades 10-12

**This course meets the 5 credit graduation requirement for Visual and Performing Arts**

**5 credits**

**\*Prerequisite- successful completion of Ceramics I and one other art course**

This course is for the student who wants to deepen their skill as a ceramicist and sculptor. Advanced sculpting and wheel throwing techniques will be explored. Some projects will include: clay and fiber mask; clay figure/head; full set of tableware in a personal style; slump mold nesting bowls; class totem pole of recycle materials

## GUITAR BUILDING Grades 10-12

**This course meets 2.5 credits of the 5 credit graduation requirement for Visual and Performing Arts**

**2.5 credits**

In this semester- long class, students will explore the art of guitar building. This is a STEAM course, with science, technology, engineering, arts, and mathematical concepts applied. The class will then be team taught with the STEM teacher and a Visual Arts teacher to ensure the application of STEAM in its truest form. At the end of the semester, students will get to keep the guitars they have built. These 2.5 credits will count toward the 5 credit Fine and Visual Art graduation requirement.

**BASIC DRAWING**      **Grades 9-12**

**This course meets 2.5 of the 5 credit graduation requirement for Visual and Performing Arts**

**2.5 credits**

This curriculum is designed with the belief that of all the art skills, drawing is regarded as the most fundamental. The course is designed to increase the students' understanding and appreciation of drawings created by artists past and present. Students will explore the elements of art and the principles of design. A variety of media will include the use of pencils, colored pencils, charcoal, markers, and pen and ink. The course will help students to gain the knowledge, skills and confidence needed to improve their own drawing efforts. Units will include: Line & Texture, Observational Drawing, One-Point Perspective, and Faces & Hands.

## BASIC PAINTING      Grades 9-12

**This course meets the 5 credit graduation requirement for Visual and Performing Arts**

**5 credits**

This course will explore color theory through watercolor, oil, and acrylic media.. A variety of subject matter and color mixing techniques will be explored. Students will focus on wet-on-wet, wash, dry brush and lifting methods. Outstanding artists will be studied and analyzed. The students will receive an in-depth working knowledge of color theory and materials. The course introduces students to the painting of values, intensity, and primary, tonal and monochromatic palettes. Students will also continue to develop their drawing skills to create sketches from direct observation and photographs.

**ADVANCED ART**                      **Grades 10-12**

*\*Prerequisite: Successful completion of two semesters of art instruction plus art teacher recommendation*

**This course meets the 5 credit graduation requirement for Visual and Performing Arts**

**5 credits**

Students will deepen their artistic skill and conceptual understanding through intensive practice, experimentation and self-expression. This course will challenge students to expand their technical proficiency in a variety of media, build on foundational skills, and help them develop their unique artistic voice. Students will explore advanced techniques and composition strategies, while examining art history and contemporary movements to inspire their work.

## **DIGITAL PHOTOGRAPHY      Grades 9-12**

**This course meets 2.5 of the 5 credit graduation requirement for Visual and Performing Arts**

**2.5 credits**

Students will learn how to use a DSLR camera- understanding aperture, exposure, shutter speed, and ISO. They will explore composition techniques, types of portraiture, texture and lighting, and macro photography. They will use Adobe Lightroom to edit their photos, and some of the tools within the programs, such as the brush tool and the radial gradient tool.

## **PHOTOSHOP BASICS      Grades 9-12**

**2.5 credits**

**This course meets 2.5 of the graduation requirement for Visual and Performing Arts**

Throughout this course, students will understand basic and complex tools in Adobe Photoshop, such as layers, adjustment layers, masking, selections and filters. Projects will focus on Commercial and media usage, such as social media imaging, advertisements, and digital image manipulation. Artistic expression and creativity within the digital media space will also be explored.

## **DIGITAL PAINTING**

**Grades 9-12**

**This course meets 2.5 of the 5 credit graduation requirement for Visual and Performing Arts**

**2.5 credits**

This course focuses on techniques in digital painting applying traditional painting techniques and theories inside the digital realm. The illustrative portion of this course would allow for detailed and realistically rendered illustrations as well as traditional style digital paintings. Drawing, painting and color theory will also be explored.

## **DIGITAL ANIMATION**

**Grades 9-12**

**This course meets the 2.5 of the 5 credit graduation requirement for Visual and Performing Arts**

**2.5 credits**

The purpose of this course is to provide the student with fundamental knowledge and experience with animating characters in the digital realm. The course will take a three prong approach to the art of animation integrating concepts in Art, English and Technology. Students will develop a basic understanding of the principles of screen composition, timing, movement, character, screen design and storytelling. Students will work with industry standard software and acquire entry level skills upon completion of the course. Previous drawing experience is suggested.

## **GRAPHIC DESIGN CAREER AND TECHNICAL EDUCATION (CTE) PROGRAM**

Rising 10th and 11th-grade students are eligible to join our Graphic Design Career and Technical Education (CTE) program. CTE provides students with the academic and technical skills they need to succeed in all types of high-skill, high-paying, and in-demand careers. This is a two-year program in which students will be able to earn college credits in Graphic Design from Fairleigh Dickinson University while still in high school. Students can continue their education in Graphic Design in a college program after high school, or if desired, they can enter the workforce upon graduation as they will have passed an industry-recognized Adobe Visual Communication Assessment (Using Adobe Photoshop)

\*The first two courses in this program provide an opportunity for students to purchase credits through Fairleigh Dickinson University (3 credits per course) for a total of 6 credits in the first year. Students who wish to purchase their earned credits will be responsible for the cost, estimated to be \$104 per credit, (or \$312 per class).

\*Students must complete the first two courses in this sequence as a requirement. The third and fourth courses are optional (but highly encouraged) and open to all students who have completed the first two courses and would like to continue their Graphic Design studies. The third course will also conclude with students taking the Adobe Visual Communication Assessment (Using Adobe Photoshop), which provides a valuable industry-recognized credential for students entering the workforce.

### **CTE YEAR 1: Introduction to Graphic Design**

**Grades 10-12**

**6 FDU credits**

**CTE Year I meets the graduation requirement for Visual and Performing Arts**

**5 DHS Credits**

#### **1st Semester: ART 1151 - General Drawing I**

**2.5 DHS Credits (3 FDU Credits)**

In Drawing I, the beginning art student learns the methods, materials, and visual information needed to draw what we see. In small steps, students will be led through a series of simple exercises designed to build competence and confidence. The diversity and complexity of the subjects drawn will gradually grow along with students' drawing and visual skills. Students will create a sketchbook and a portfolio including still life drawings, landscape drawings, perspective drawings, and drawings of the human figure. Materials used will include pencil, charcoal, conte crayon, and ink.

**2nd Semester: CGD 1212 - Intro to Graphic Design****2.5 DHS Credits (3 FDU Credits)**

This course is functional for understanding the principles and theory of Graphic Design and how to put your knowledge into practice. Students will learn how to communicate emotion through design principles and organization, through an exploration of visual literacy and project-based learning. The course will cover an introduction to design elements, color, layout, typography, historical perspectives, visual and conceptual problem-solving, career paths, and planning for your future job.

**CTE YEAR 2: Advanced Graphic Design****Grades 10-12****CTE Year II meets the graduation requirement for Visual and Performing Arts****5 Credits****\*Prerequisite: Successful completion of CTE YEAR I****First Semester: Computer Graphics for Designers I****2.5 Credits**

This studio course provides an introduction to drawing, type, and image by exploring the formal qualities and elements of design using the most current vector-based illustration software for graphic designers. The course emphasizes communicating ideas and concepts, with a focus on good form, linear structure, and composition layout. This foundational knowledge in digital illustration prepares students for more advanced design projects.

**Second Semester: Computer Graphics for Designers II****2.5 Credits**

Building on the skills acquired in the first semester, this course includes learning the most current page layout and photo/paint software, in addition to advanced illustration and drawing programs. Students will create two-dimensional projects as they apply to printed material, mastering the tools and techniques necessary for professional graphic design. This course prepares students for further specialization and advanced design work.

**MUSIC DEPARTMENT**

The goal of the Music Department is to provide students with an enriching and meaningful program of study.. We believe that all children are born musical and creative, and we strive to nurture those qualities throughout all grade levels. A wide variety of courses at Dover High School offer students the opportunity to develop and further enhance their vocal and instrumental talent. All music students develop a well rounded skill set as listeners, creators, and composers, acquiring a greater appreciation of the role music plays in their daily lives.

**BAND****Grades 9-12****5 credits****This course meets the 5 credit graduation requirement for Visual and Performing Arts***Includes Weekly Instrumental Lessons*

This course is designed to develop the students' musicianship through the study and performance of intermediate/advanced music literature. Emphasis is placed on group and individual instruction. In addition to the regularly scheduled band classes, students are required to take one instrumental music lesson per week. The student must participate in all concerts, competitions, parades and other related activities unless excused by the instructor and Supervisor of Fine Arts. These 5 credits fulfill the Fine, Visual and Performing Arts requirement.

**HONORS BAND****Grades 9-12****This course meets the 5 credit graduation requirement for Visual and Performing Arts****5 credits***Includes Weekly Instrumental Lessons*

Honors Band is an audition-based extension of the regular Band class. Students in the honors program meet during regular Band class, but are expected to engage in enrichment activities outside of the regular course load. Performing outside of school at festivals and competitions will be mandatory. Students will have regular meetings after school or before school with the Band teacher to review journal articles, discuss performances they attend outside of class, and to prepare auditions for honors ensembles. Students will be able to meet with the band teacher before or after school.

***Prerequisite: Audition***

**CHORUS****Grades 9-12****This course meets the 5 credit graduation requirement for Visual and Performing Arts****5 credits*****Includes Weekly Vocal Lessons***

This course is designed to provide vocal/choral training. Good vocal techniques and music fundamentals are stressed. A variety of literature including secular, sacred, popular and show music will be studied. In addition to class sessions, attendance is required at several evening musical performances and weekly lessons. These 5 credits fulfill the Fine, Visual and Performing Arts requirement.

**HONORS CHORUS****Grades 9-12****5 credits*****Includes Weekly Vocal Lessons*****This course meets the 5 credit graduation requirement for Visual and Performing Arts**

This is an audition-based chorus that will meet every day during school hours. It will perform an advanced/collegiate level repertoire. The students will sing fluently in several languages, and will routinely perform songs from other countries. Performing outside of school at festivals and competitions will be mandatory. Students will gain the confidence to sing complex musical scores at an exceptional level. These 5 credits fulfill the Fine, Visual and Performing Arts requirement.

***Prerequisite: Audition*****VOCAL TECHNIQUE****Grades 9-12****5 credits****This course meets the 5 credit graduation requirement for Visual and Performing Arts**

This course is designed for the student who loves to sing and wants to learn how to perform solo pieces in different musical styles. In addition to proper vocal technique, students will learn to choose appropriate songs for auditions and how to "sell" a song. Musical styles explored will include musical theatre, jazz, opera and pop. These 5 credits fulfill the Fine, Visual and Performing Arts requirement.

**ELECTRONIC PIANO I****Grades 9-12****5 credits****This course meets the 5 credit graduation requirement for Visual and Performing Arts**

Electronic Piano I is designed to give students an opportunity to learn to play simple melodies and harmonies on the Electronic Piano Keyboard for their personal enjoyment. It also serves to develop the skills of students who already have a piano background. Students will demonstrate a thorough understanding of the functions of the keyboard and perform a variety of musical compositions, scales, and technical exercises. In addition, students will learn to sight read, improvise, and compose. Students are expected to demonstrate their keyboard skills in student recitals. These 5 credits fulfill the Fine, Visual and Performing Arts requirement.

**ELECTRONIC PIANO II****Grades 10-12****5 credits****This course meets the 5 credit graduation requirement for Visual and Performing Arts**

Electronic Piano II is designed for students to play intermediate level selections on the Electronic Piano Keyboard. Emphasis is on expanding and developing keyboard skills. Students will be expected to build on their accomplishments in Piano Lab I and expand their musical vocabulary. Students will participate in school recitals and community performances. These 5 credits fulfill the Fine, Visual and Performing Arts requirement.

**PERCUSSION WORKSHOP****Grades 9-12****2.5 credits****This course meets 2.5 of the 5 credit graduation requirement for Visual and Performing Arts**

This course offers instrumental music study on percussion and is designed for beginning, intermediate and advanced level students. Students will explore "street percussion", in which drummers use found objects as instruments (as in the style of the Broadway musical *STOMP*), as well as various percussion styles from around the world.

**GUITAR I****Grades 9-12****2.5 credits****This course meets the 2.5 of the 5 credit graduation requirement for Visual and Performing Arts**

Guitar I is open to any student who is interested in studying the electric or acoustic guitar. Topics to be covered include left and right-hand techniques, note reading, position playing and chord harmony.

**GUITAR II****Grades 9-12****2.5 credits*****Prerequisite- Successful completion of Guitar I or Audition*****This course meets 2.5 of the 5 credit the graduation requirement for Visual and Performing Arts**

This course is designed to either compliment the learning experience gained during the original Guitar I course, or to strengthen the skills of those students who already have a working knowledge of playing guitar. The course will prepare students to read music, and chord symbols.

**5 credits**

**This course meets the 5 credit graduation requirement for Visual and Performing Arts**

This course is designed for any student who wishes to increase his/her musical knowledge by understanding the principals involved in the language of music. This will be an integrated course of musical symbols and sound, ear training, harmony, sight singing, form and design, and musical periods/styles. This course is recommended for college music majors. These 5 credits fulfill the Fine, Visual and Performing Arts requirement.

**5 credits**

**This course meets the 5 credit graduation requirement for Visual and Performing Arts**

Music recording and production is a class with creative growth options for students of all backgrounds including honors students, ELL students, special education students, and more. The class combines student creativity with modern music technology while promoting a student-driven, hands-on approach to the creation of modern music productions. Study includes both the art and science of music production, engineering, programming, mixing, and mastering in the styles of pop, hip-hop, rap, rock, R&B, electronic dance music, and more. These 5 credits fulfill the Fine, Visual and Performing Arts requirement.

**5 credits**

**This course meets the 5 credit graduation requirement for Visual and Performing Arts**

This is a non-performance class that explores the indelible relationship between music and history. The first two marking periods will focus on world history and music of varying styles along with the historical events that occurred during the same time period. The last two marking periods will focus on the music and history of the United States from 1971 to the present day. Analysis of composers and performers related to the styles are included in the class. Activities include listening, discussions, projects, and presentations within each unit of the course. The fundamentals of creating, composing, improvising, and listening to music will be covered. This course will fulfill the five credit fine art requirement, and no prerequisite will be required.

**2.5 credits**

**This course meets 2.5 of the 5 credit graduation requirement for Visual and Performing Arts**

This course offers current high school students an opportunity to learn to play a band instrument as a beginner while providing a new route to joining the high school concert and/or marching band.

## DANCE DEPARTMENT

The Dance Department allows students to develop as young artists with a focus on choreographic self expression and technical performance. Though a scaffolded course of study, students dive into the history, techniques and theories surrounding multiple dance genres. Students are pushed and encouraged to explore their artistic voices through movement and are given opportunities to present their choreography formally. All students enrolled perform in a cumulative dance concert where they present both student and teacher generated choreography. All courses are aligned with the New Jersey Student Learning Standards (NJSLS).

**5 credits**

**This course meets the 5 credit graduation requirement for Visual and Performing Arts**

This course provides students with an in-depth study of dance terminology and knowledge of basic choreography of movement sequences. The course content includes ballet, jazz, modern theatre and tap. Acquisition of technique will be stressed. Performance is required. Students must provide the proper attire as rehearsals and performances are required beyond the regular school hours. These 5 credits fulfill the Fine, Visual and Performing Arts requirement.

**5 credits**

**This course meets the 5 credit graduation requirement for Visual and Performing Arts**

**Prerequisite:** Successful completion of Dance I

This course builds upon skills and technique taught in Fundamentals of Dance (Dance I) which provides students with an in-depth study of dance terminology and knowledge of basic choreography of movement sequences. The course content includes ballet, jazz, modern theatre and tap. Acquisition of technique will be stressed. Performance is required. Students must dress for class in gym attire and performances are required beyond the regular school hours. These 5 credits fulfill the Fine, Visual and Performing Arts requirement.



**ADVANCED DANCE (DANCE III/IV)      Grades 11-12****5 credits****This course meets the 5 credit graduation requirement for Visual and Performing Arts*****Prerequisite: Successful completion of Dance II***

Advanced Dance is designed for the student who has established a strong passion for the art of dance. In this course, students will build on the skills and techniques learned in both Introduction to Dance and Intermediate Dance. They will further explore and develop their creative voices through unique choreography projects. Technical skills within genres such as Modern, Jazz, Ballet and Tap will be pushed to the advanced level. Advanced Dance students in year III will take a more intimate role in dance making through a yearlong choreography project. They will develop and produce duets to be presented in the Dance Concert. Year IV students will build upon the choreographic knowledge gained in year III and will create and self-produce a solo to be presented in the Dance Concert. These 5 credits fulfill the Fine, Visual and Performing Arts requirement.

**THEATRE DEPARTMENT**

This is a new department at DHS. All courses are aligned with the New Jersey Student Learning Standards (NJSLS) and cover various aspects of theatre.

**INTRODUCTION TO THEATRE      Grades 9-12****2.5 credits****This course meets 2.5 of the 5 credit graduation requirement for Visual and Performing Arts**

This course is designed as a study of theater through its history and its literature. Students will focus on an introduction to the basics of the theatre, an overview of the history of the theatre, and an analysis of theatrical works including the writing of their own, individual, 10 minute play.

**TELENOVELA      Grades 9-12****5 credits****This course meets the 5 credit graduation requirement for Visual and Performing Arts**

Explore the exciting world of bilingual storytelling in our Telenovela course. Students will collaborate to write, rehearse, and tape episodes each week, crafting a captivating storyline in both English and Spanish. The course begins with Spanish-speaking students creating and performing in Spanish and English-speaking students in English. As the year progresses, students will have the opportunity to perform in their non-native language. Completed episodes will be shared with the student body and staff via email, creating an engaging experience for the entire school community. Join us for a dynamic journey where language, creativity, and culture converge in the realm of bilingual telenovelas.

**STAGECRAFT & THEATRICAL DESIGN****Grades 9-12****2.5 credits****This course meets 2.5 of the 5 credit graduation requirement for Visual and Performing Arts**

This hands-on course will fulfill 2.5 credits of the required 5 credits in the Fine and Performing Arts. It is intended for any student who wants to learn how to create the magic of theatre through lighting, sound, costume, and scenic design. The fall semester of the class will work on producing these scenic elements of the DHS fall play, and the spring semester students will work on the DHS spring musical.

**ACTING I      Grades 9-12****2.5 credits****This course meets 2.5 of the 5 credit graduation requirement for Visual and Performing Arts**

This course will fulfill 2.5 credits of the required 5 credits in the Fine and Performing Arts. It is focused on basic acting skills including vocal production, speech and body movement. Pantomime, tableaux, objectives, and improvisation will be explored. Techniques of master teachers such as Stanislavski and Meisner will be introduced. Students will increase confidence and have fun! This class fulfills 2.5 of the 5 credit requirement for Visual and Performing Arts.

**21<sup>ST</sup> CENTURY LIFE AND CAREER SKILLS**

Dover High School offers a wide variety of elective courses in our 21<sup>st</sup> Century Life and Career Skills Department. These courses guide students to make informed decisions that prepare them to engage as active citizens in a complex global society and to successfully meet the challenges and opportunities of the 21st-century workplace. Our courses offer students the opportunity to acquire hands-on experience in various areas of interest. The program focuses on providing students with skills that are transferred to the workplace. The classes listed below satisfy the graduation requirement for 21<sup>st</sup> Century Life and Careers.

<b>FRESHMAN EXPERIENCE</b>	<b>Grade 9</b>	<b>2.5 credits</b>
<i>This course provides general elective credit toward graduation.</i>		
Freshman Experience is a comprehensive, semester course designed to help students successfully transition to high school while building skills for long-term success. The course focuses on developing effective study and organizational habits, providing strategies for time management, and prioritizing tasks to enhance academic performance. Students will explore career goals and post-secondary pathways through activities that include self-assessments and guided goal-setting, working closely with their school counselors. Foundational financial literacy skills, such as budgeting, saving, and planning for financial goals, will also be introduced. Additionally, students will complete the Naviance Grade 9 sequence, which supports career exploration and personal development.		
<b>FAMILY CONSUMER SCIENCE SURVEY</b>	<b>Grades 9-12</b>	<b>5 credits</b>
<i>This course meets the graduation requirements for the 5 credits of 21st Century Skills</i>		
An introductory course to encompass all facets of family consumer science, which includes important life skills. These skills will focus on interior design, nutrition, sewing, and child care. All of these topics are connected through budgeting skills, and are explicit to each marking period to allow for equitable exposure to all listed topics. It is recommended to complete this course before full year family and consumer science courses.		
<b>FOODS AND NUTRITION</b>	<b>Grades 10-12</b>	<b>5 credits</b>
<i>This course meets the graduation requirements for the 5 credits of 21st Century Skills</i>		
Foods and Nutrition is an introduction to basic nutrition and food preparation skills. Students use the decision-making process to determine healthy food choices. Students explore safety and sanitation in the kitchen, as well as demonstrate basic food preparation techniques. These 5 credits fulfill the 21 <sup>st</sup> Century Life and Careers requirement.		
<b>CHILD DEVELOPMENT</b>	<b>Grades 10-12</b>	<b>5 credits</b>
<i>This course meets the graduation requirements for the 5 credits of 21st Century Skills</i>		
This course will explore the basic physical, emotional, intellectual, and social development of children, in order to prepare for a role in the nurturing of children and to understand the role of a parent. The students will participate in the “Baby Think It Over” project. Parental permission is required due to the extensive involvement in the home. Various other activities, such as creating games, songs, puzzles and books will actively engage the student. These 5 credits fulfill the 21 <sup>st</sup> Century Life and Careers requirement.		
<b>CAREERS IN THE ARTS</b>	<b>Grades 9-12</b>	<b>5 credits</b>
<i>This course meets the graduation requirements for the 5 credits of 21st Century Skills</i>		
The focus of the course is to introduce students to traditional and non-traditional careers within the arts. Students will be exposed to areas such as acting, songwriting, and music production while also learning about careers in areas like set design, technical production, and television/radio/music management. These 5 credits fulfill the 21 <sup>st</sup> Century Life and Careers requirement.		
<b>PERSONAL FINANCE</b>	<b>Grades 10-12</b>	<b>2.5 credits</b>
<i>This course meets the graduation requirements for the 2.5 credits of Financial Literacy</i>		
This course is designed for students to participate in real-life simulations that prepare them to make wise financial decisions in personal situations. This course helps them realize how their decisions affect their future. Emphasis is placed on establishing long and short-term goals for financial management. Students participate in “hands on” activities, group problem solving, money management, banking services, and personal budget. The second half of this course will focus on student’s exploration of postsecondary and career options, career planning, and career requirements. Students will also work to develop their writing skills suitable for business needs and in developing a résumé. This course fulfills either the state requirements for financial literacy or 21 <sup>st</sup> Century Life and Careers.		
<b>INTRODUCTION TO BUSINESS</b>	<b>Grades 9-12</b>	<b>2.5 credits</b>
<i>This course meets the graduation requirements for the 2.5 credits of 21st Century Skills</i>		
This course provides students with an introduction to a foundational understanding of principles and practices that drive the business world. Topics include basic concepts that will develop the foundation for subsequent business courses. Students will explore how businesses operate, develop strategies, and make decisions in a competitive marketplace. Through real-world examples and hands-on activities, students will gain practical skills in problem-solving, teamwork, and critical thinking, preparing them for future business studies or careers.		

<b>MARKETING EDUCATION</b>	<b>Grades 9-12</b>	<b>2.5 credits</b>
<i>This course meets the graduation requirements for the 2.5 credits of 21st Century Skills</i>		
Marketing education introduces students to the processes and functions involved in transferring business products or services to a consumer. Through the study of marketing, students can gain a clear picture of how key business functions, like accounting and finance, are directly related to marketing activities. As a major business function, marketing affects the American economic system as well as the international economy. This class will apply marketing concepts to the sports, entertainment, and hospitality industries. These 5 credits fulfill the 21 <sup>st</sup> Century Life and Careers requirement.		
<b>ENTREPRENEURSHIP</b>	<b>Grades 9-12</b>	<b>2.5 credits</b>
<i>This course meets the graduation requirements for the 2.5 credits of 21st Century Skills</i>		
Students will explore the concepts of starting and running a business. Students will learn how to identify opportunities, develop business ideas, create business plans, and understand the challenges entrepreneurs face. Key topics build from introductory concepts to more specific focus including market research, financing, marketing, branding, and managing growth. Through practical applications, students will gain skills in creativity, leadership, and decision-making to prepare them to launch their own ventures or pursue careers in business and innovation.		
<b>ACCOUNTING 1</b>	<b>Grades 9-12</b>	<b>5 credits</b>
<i>This course meets the graduation requirements for the 5 credits of 21st Century Skills</i>		
This first level course introduces students to the fundamental principles of accounting, focusing on how businesses track and manage financial information. Students will learn key concepts such as the accounting cycle, recording transactions, preparing financial statements, and understanding basic financial reports. Through practical applications, students will develop essential skills in budgeting, bookkeeping, and financial analysis, providing a strong foundation for future studies in accounting, business, or finance careers.		
<b>LAW FOR BUSINESS AND PERSONAL USE</b>	<b>Grades 9-12</b>	<b>2.5 credits</b>
<i>This course meets the graduation requirements for the 2.5 credits of 21st Century Skills</i>		
Law for Business and Personal Use is designed to provide students with an understanding of how and why certain laws exist. Students will analyze various real-life cases and debate whether or not the rulings were justified. Students will demonstrate knowledge of the laws during debates and a mock trial. These 5 credits fulfill the 21 <sup>st</sup> Century Life and Careers requirement.		
<b>SOCIAL MEDIA MARKETING AND COMMUNICATION</b>	<b>Grades 9-12</b>	<b>2.5 credits</b>
<i>This course meets the graduation requirements for the 2.5 credits of 21st Century Skills</i>		
Students will explore the concepts of digital marketing through the lens of social media. Students will learn how to create effective social media strategies, craft engaging content, and analyze online audiences. Topics include brand development, advertising on platforms like Instagram, TikTok, and X, as well as measuring the success of campaigns using analytics tools. Through practical applications, students will develop skills in communication, creativity, and online marketing, preparing them for careers in digital media and marketing.		
<b>COMPUTER PROGRAMMING I</b>	<b>Grades 9-12</b>	<b>5 credits</b>
<i>This course meets the graduation requirements for the 5 credits of 21st Century Skills</i>		
This course is an introductory course to computer programming techniques and software development platforms. Students will develop their skills by using JAVA JDK 6.0, Apple's Greenfoot for teaching JAVA, and Apple's Python for basic computer programming. Computer Programming is reliant upon, and further develops, mathematical reasoning. These 5 credits fulfill the 21 <sup>st</sup> Century Life and Careers requirement.		
<b>COMPUTER PROGRAMMING II</b>	<b>Grades 10-12</b>	<b>5 credits</b>
<i>This course meets the graduation requirements for the 5 credits of 21st Century Skills</i>		
<b><i>Prerequisite: Successful completion of Computer Programming I with a grade of 70% or higher</i></b>		
This course is designed to build upon the topics introduced in Computer Programming I. Students will continue to develop skills working with the Python programming language. Students will be able to design, code, test and debug Python language programs at the end of this course.		

**CYBERSECURITY** **Grades 10-12** **5 credits**

*This course meets the graduation requirements for the 5 credits of 21st Century Skills*

Students study how cybersecurity affects every industry and learn how it is the practice of protecting systems, networks, programs and data against criminal or unauthorized use. Students will investigate various career paths in the field of cybersecurity. They will also become more informed in their safety and rights as technology users. These 5 credits fulfill the 21<sup>st</sup> Century Life and Careers requirement.

**ROBOTICS I** **Grades 9-12** **5 credits**

*This course meets the graduation requirements for the 5 credits of 21st Century Skills*

This interdisciplinary course is designed to allow students to apply science, mathematics with programming and engineering design skills. The overarching theme is to identify and solve problems. These problems will involve simulated and real world tasks. Students will work individually and collaboratively to design and program autonomous robots to accomplish assigned tasks. Science concepts from mechanical motion and circuits to hazardous chemicals and bio-mimicry will be explored. Students will be expected to identify and use mathematical logic and terms in developing their software programs. Students will be introduced to and use the Engineering Design Process of “Ask, Imagine, Plan, Create and Improve.” Students will use LEGO® Mindstorms NXT controllers and Botball® Link controllers programmed using the C computer language. These 5 credits fulfill the 21<sup>st</sup> Century Life and Careers requirement.

**ROBOTICS II** **Grades 10-12** **5 credits**

*This course meets the graduation requirements for the 5 credits of 21st Century Skills*

***Prerequisite: Successful completion of Robotics I with a grade of 70% or higher***

The Intro to Engineering II class offers a comprehensive curriculum that covers a range of advanced topics in the field of engineering. Students will learn about resource management and engineering design, gaining the skills to effectively plan and allocate resources for their projects. They will also be introduced to CAD software, where they will learn how to create detailed and precise designs for their engineering projects. The course will delve into single view drawings, orthographic projections, auxiliary, isometric, and section views, enabling students to accurately represent their designs in multiple dimensions. Additionally, students will have the opportunity to engage in a simulated FTC (First Tech Challenge) season, where they will apply their knowledge and skills to design, build, and program robots to compete in a virtual robotics competition. Through this course, students will develop a deeper understanding of engineering principles and gain the necessary skills to excel in this exciting field.

**CIRCUITS AND ELECTRICITY** **Grades 10-12** **2.5 credits**

*This course meets the graduation requirements for the 2.5 credits of 21st Century Skills*

***Prerequisite: Successful completion of Algebra I with a grade of 75% or higher***

This semester course will have students explore the fundamentals of electricity and electrical circuits. Through interactive experiments and real-world applications, students will gain a deep understanding of key concepts such as voltage, current, resistance, Ohm’s Law, series and parallel circuits, and electromagnetism. The course emphasizes experience-based learning, with students constructing and testing circuits using various components like resistors, capacitors, switches, and power sources.

**AP COMPUTER SCIENCE PRINCIPLES** **Grades 10-12** **5 credits**

*This course meets the graduation requirements for the 5 credits of 21st Century Skills*

***Prerequisite: Successful completion of Algebra I with a grade of 90% or Algebra I (H) with a grade of 80% or higher and Computer Programming I with a grade of 80% or higher. Teacher recommendation required***

AP Computer science principles is an introductory college-level computing course that introduces students to a wide variety of computer science applications. Students learn to design and evaluate solutions and apply these skills to solve problems through developing algorithms and programs. Students will incorporate abstraction into programs and use data to discover new knowledge. Students will also explain how computing innovations and systems work, explore their potential impacts, and contribute to a computing culture that is collaborative and ethical.

**AP COMPUTER SCIENCE A    Grades 10-12****5 credits***This course meets the graduation requirements for the 5 credits of 21st Century Skills****Prerequisite: Successful completion of Algebra I with a grade of 90 or Algebra I (H) with a grade of 80% or higher and Computer Programming I with a grade of 80% or higher******Direct teacher recommendation required***

AP Computer Science A is equivalent to a first-semester, college- level course in computer science. The course introduces students to computer science with fundamental topics that include problem solving, design strategies and methodologies, organization of data (data structures), approaches to processing data (algorithms), analysis of potential solutions, and the ethical and social implications of computing. The course emphasizes both object-oriented and imperative problem solving and design using Java language. These techniques represent proven approaches for developing solutions that can scale up from small, simple problems to large, complex problems.

**VIDEO PRODUCTION                      Grades 9-12****5 credits***This course meets the graduation requirements for the 5 credits of 21st Century Skills*

This course is designed for students to learn and utilize terminology used by professional editors as they edit and critique existing and original video footage. Students will become proficient in using Final Cut Pro as well as other applications while they learn to edit interviews, broadcasts, sports videos and create storyboards. Students will also be exposed to possible career pathways as they learn interviewing techniques, video compilation and more.

**VIDEO PRODUCTION II\*****Grades 10-12****5 credits***This course meets the graduation requirements for the 5 credits of 21st Century Skills****Prerequisite: Successful completion of Final Cut Pro I with a grade of 70% or higher***

Final Cut Pro is a course designed for students to learn how to use the features of a camera to shoot video that can be edited and used in professional settings. Students know that video is an important part of our daily lives and throughout this course, they will understand that in order to make an effective video, the knowledge of video capture and editing is important. Students will be given a background of the principles of photography/videography, an introduction of the Final Cut Pro interface, and ways to use special effects and sound to enhance video projects. Final Cut Pro will provide students with a variety of skills to edit video, create motion graphics, and create 2D and 3D titles. Students will be exposed to a variety of video clips to apply their gained knowledge of sound effects, lighting, and editing techniques. As the year progresses, students will design and create original videos displaying their acquired skills from each unit.

**ML LIFE & TECHNICAL SKILLS****Grades 9-12****2.5 credits***This course meets the graduation requirements for 2.5 credits of 21st Century Skills*

This elective course is intended to build skills that will be needed to succeed academically and in future pathways. The skills developed in this course would be personal and social skills, self-care and independent living, community awareness, career development, and financial literacy. These skills are the cornerstone of future academics and professional careers, as well as overall well-being for successful acclimation into the community.

**EMERGENCY AND CLINICAL CARE                      Grades 10-12****2.5 credits***This course meets the graduation requirements for 2.5 credits of 21st Century Skills****Prerequisite: Grade of 70% or higher in Biology, this must be taken with Sports Exercise Health Science***

Emergency and Clinical Care is an elective course that describes how to respond to emergencies before medical help arrives. The course is designed to give the student the knowledge of how to recognize and respond to an emergency. The intent of the course is to help the student feel more confident in his/her ability to act appropriately in the event of an emergency. The goal of this course is to provide students with the training needed to respond to community emergencies. First aid topics such as bleeding, shock, bandaging, burns, head and spinal injuries, chest, abdominal and pelvic injuries, bone, joint, and muscle injuries, splinting, medical emergencies, environmental emergencies, and traumatic injuries will be addressed. Students must complete the BLS Healthcare Provider course through the AHA or similar through the American Red Cross.

**EXERCISE SCIENCE****Grades 10-12****2.5 credits***This course meets the graduation requirements for 2.5 credits of 21st Century Skills****Prerequisite: Grade of 70% or higher in Biology, this must be taken with Emergency and Clinical Care***

This course introduces students to basic concepts of anatomy and physiology, covering key body systems and functions with a focus on foundational knowledge. Designed as a half-year elective, it provides an overview suitable for students interested in the health sciences. This course is ideal for students in grades 10-12 who are interested in exploring health sciences or biology but prefer a less intensive format compared to the dual-enrollment option.

**ENGLISH LANGUAGE ARTS DEPARTMENT**

The mission of the Dover High School English Department is to challenge students to think critically and to communicate effectively. A sequence of courses has been designed to provide all students with a comprehensive four-year study of literature and writing. Activities in vocabulary, research, writing, grammar, and critical reading are a part of each course. Preparation for the NJSLA assessments in English Language Arts, the SAT, and other state and national tests will be offered.

**ENGLISH I****Grade 9****5 credits***This course meets the graduation requirements for English Language Arts*

English I is a required multiple-genre course exposing students to a variety of writers from various cultures. Specific emphasis is placed upon effective writing, analytical response to literature, and discussion techniques. Students will be expected to demonstrate their knowledge of writing through a full array of activities aimed at developing a clear and cohesive essay. Types of composition required include descriptive, narrative, expository, argumentative, journal, and literary analysis writing. Students will demonstrate an understanding of the district's policy on plagiarism. Conforming with the New Jersey Student Learning Standards, the MLA/APA format will be used on all formal papers.

**READING & WRITING WORKSHOP I****Grade 9****5 credits*****Prerequisite: 8th Grade Teacher recommendation***

This course is designed to give ninth graders a firm foundation in the various styles of writing necessary to succeed in high school and beyond. As a supplement to English I, the course will focus on a variety of reading strategies and writing techniques. Students will be exposed to proper grammar, sentence and paragraph structure, and writing styles for different audiences, purposes, and standardized tests.

**ENGLISH Pre-AP I (H)****Grade 9****5 credits***This course meets the graduation requirements for English Language Arts****Prerequisite: Grade of 90 in Grade 8 ELA plus 8th Grade Teacher recommendation***

Texts take center stage in the Pre-AP English I classroom, inspiring and preparing all students for close, critical reading and analytical writing. This course trains the reader to observe the small details in a text to arrive at a deeper understanding of the whole. It also trains the reader to appreciate authors' sometimes-subtle choices, developing an awareness of how words produce effects and how the conventions of the English language are used for both precision and style. As writers, students focus first on crafting complex sentences, building this foundational skill; they then move on to producing well-organized paragraphs and, as the year progresses, more sophisticated, longer-form analyses. Replaces English I Honors.

**ENGLISH II****Grade 10****5 credits***This course meets the graduation requirements for English Language Arts*

English II focuses on world literature. Students will survey various types of prose and poetry with appropriate vocabulary and literary terms. Students are encouraged to compare and contrast literary works effectively and to more thoroughly analyze and evaluate them. Coursework will continue to develop and emphasize effective composition, analytical response to literature, and discussion techniques. Students will demonstrate an understanding of the district's policy on plagiarism. An added emphasis will be placed on technology in order to prepare students for the future assessments. Conforming with the New Jersey Student Learning Standards, the MLA/APA format will be used on all formal papers.

<b>READING &amp; WRITING WORKSHOP II</b>	<b>Grade 10</b>	<b>5 credits</b>
<i>Prerequisite: Teacher recommendation</i>		
This supplemental course expands upon concepts explored in English II and assists students in further polishing the critical reading and writing skills necessary for success on state assessments and beyond. Students will engage in authentic reading and writing activities that encompass a wide array of genres. Students will produce a refined portfolio of writing and will be encouraged to share their work with readers beyond the classroom.		
<b>ENGLISH Pre-AP II (H)</b>	<b>Grade 10</b>	<b>5 credits</b>
<i>This course meets the graduation requirements for English Language Arts</i>		
<i>Prerequisite: English I H grade of 80 or higher or Grade of 90 in English I plus Teacher recommendation</i>		
Pre-AP English 2 builds on the foundations of Pre-AP English 1. While English 1 introduces the fundamentals of close observation, critical analysis, and the appreciation of author's craft, English 2 requires students to apply those practices to a new array of nonfiction and literary texts. Replaces English II Honors.		
<b>ENGLISH III</b>	<b>Grade 11</b>	<b>5 credits</b>
<i>This course meets the graduation requirements for English Language Arts</i>		
English III offers a survey of American literature from Native American folklore through the twenty-first century. Units on poetry, the novel, non-fiction, memoir, and the short story will be studied. Students will be required to complete a research and/or literary paper on a topic relating to American literature using the MLA/APA format adhering to the district's policy on plagiarism. Coursework will also reinforce and extend necessary skills to prepare for future assessments such as the SAT.		
<b>READING &amp; WRITING WORKSHOP III</b>	<b>Grade 11</b>	<b>5 credits</b>
<i>Prerequisite: Teacher recommendation</i>		
This supplemental course expands upon concepts explored in English III and assists students in further polishing the critical reading and writing skills necessary for success on state assessments and beyond. Students will engage in authentic reading and writing activities designed to teach skills, techniques, and formatting needed for effective informative/explanatory, narrative and argumentative writing. Business and scholarship writing will be produced as students prepare for reading and writing beyond the classroom.		
<b>ENGLISH III HONORS</b>	<b>Grade 11</b>	<b>5 credits</b>
<i>This course meets the graduation requirements for English Language Arts</i>		
<i>Prerequisite: Grade of 80 or higher in English II (H) or Grade of 90 in English II</i>		
Honors is a course designed for the advanced student who has demonstrated mastery of analytical and critical thinking skills. This course is a more extensive survey of American Literature from Native American folklore through the twenty-first century. Students will be required to complete an in-depth research and/or literary paper on a topic relating to American literature using the MLA/APA format adhering to the district's policy on plagiarism. Particular emphasis will be given to preparing students for assessments (SAT and other college placement tests).		
<b>AP ENGLISH LITERATURE &amp; COMPOSITION</b>	<b>Grade 11</b>	<b>5 credits</b>
<i>This course meets the graduation requirements for English Language Arts</i>		
<i>Prerequisite: Grade of 80 or higher in English II (H) or Grade of 90 in English II</i>		
This course challenges students to read and interpret a wide range of imaginative works. The course invites students to explore a variety of genres and literary periods and to write clearly about the literature they encounter. On a daily basis, students are asked to read critically, think clearly, and write concisely. By the end of the course, students will have a thorough understanding of the assigned literature and will have acquired a set of analytical skills they will use throughout their lives. The course will follow the approved College Board syllabus. Particular emphasis will be given to preparing students for the Advanced Placement exam. This course is available to juniors who have met the prerequisites and who would like to prepare for and take the AP English Literature and Composition exam.		
<b>ENGLISH IV</b>	<b>Grade 12</b>	<b>5 credits</b>
<i>This course meets the graduation requirements for English Language Arts</i>		
English IV is a general overview of British literature from the Anglo-Saxon oral tradition to the modernist movement of the world wars. Students will analyze period events and their impact on literary developments and changes. The course prepares students for college-level writing by requiring a research paper that demonstrates their knowledge of the content. Additional writings will include the college essay, expository pieces, and technical documents. Formal papers must adhere to MLA/APA format, have a minimum of mechanical errors, and adhere to the district's policy on plagiarism.		

<b>ENGLISH IV HONORS</b>	<b>Grade 12</b>	<b>5 credits</b>
<i>This course meets the graduation requirements for English Language Arts</i>		
<b><i>Prerequisite: Grade of 80 or higher in English III (H) or Grade of 90 in English III</i></b>		
English IV Honors is designed for the advanced student who has demonstrated mastery of analytical and critical thinking skills. The course will consist of a more thorough survey of British literature from Anglo-Saxon oral tradition to the modernist movement of the world wars. Students will be expected to write a well-researched literary analysis and/or research paper demonstrating their knowledge of the content taught. Formal papers must adhere to APA/MLA format, have a minimum of mechanical errors, and adhere to the district's policy on plagiarism.		
<b>HIP HOP AS LITERATURE</b>	<b>Grades 10-12</b>	<b>2.5 credits</b>
<i>This course meets the graduation requirements for the 2.5 credits of 21st Century Skills</i>		
Hip Hop Lit is a course developed for students to engage with American literature through the lens of Hip Hop culture. Regular in depth reading will analyze lyrics and informational texts to develop critical thinking skills on themes prevalent in Hip Hop including gender, race, power, inequality, space, politics and social justice. Through listening to hip hop music, analyzing lyrics, reading articles, and watching documentaries, students will learn more about the themes and debates within the culture. Students will be validated for their own expertise on Hip Hop music and culture and will share their knowledge through individual and group projects.		
<b>LITERATURE AND FILM</b>	<b>Grades 10-12</b>	<b>2.5 credits</b>
<i>This course meets the graduation requirements for the 2.5 credits of 21st Century Skills</i>		
Literature and Film, examines adaptations of textual narratives into film. In order to provide some thematic focus for our study, we will explore in particular representations of various cultures and backgrounds. We will analyze narrative structure, genre conventions, subtext, technical and artistic factors, and purpose. In addition, students examine how the connection between the text and films often reflect the culture and times in which they are made, and conversely, how these adaptations help shape attitudes and values in society.		
<b>ENGLISH IV ENRICHMENT</b>	<b>Grade 12</b>	<b>1.25 credits</b>
<b><i>Prerequisite: Teacher recommendation</i></b>		
English IV Enrichment is a required course for those students who have not met English Language Arts Literacy testing requirements for graduation. The course reviews the techniques, strategies, and skills needed for students to be successful on the state mandated assessments. Once proficiency has been met, students will prepare for the future through career projects. Semester course		
<b>AP ENGLISH LANGUAGE &amp; COMPOSITION</b>	<b>Grade 12</b>	<b>5 credits</b>
<i>This course meets the graduation requirements for English Language Arts</i>		
<b><i>Prerequisite: Grade of 80 or higher in English III (H) or AP Literature or Grade of 90 in English III</i></b>		
The AP English Language and Composition course focuses on the development and revision of evidence-based analytic and argumentative writing and the rhetorical analysis of nonfiction texts. The course is designed to help students become skilled readers and writers. Students will be expected to compose many forms of writing (e.g., narrative, expository, analytical, and argumentative essays) about a variety of subjects. Writing clear and concise expository, analytical, and argumentative compositions based on readings representing a variety of prose styles and genres will be expected. This course follows the prescribed guidelines of the College Board. Particular attention will be paid to preparing students for the Advanced Placement exam. This course is available to seniors who have met the prerequisites and who would like to prepare for and take the AP English Language and Composition exam.		
<b>DUAL ENROLLMENT EXPERIENCES IN LITERATURE (H) (ENG 1500)</b>	<b>Grade 10-12</b>	<b>5 credits</b>
<b><i>Prerequisite: Grade of 90 or higher in English or Grade of 80 or higher in English Honors</i></b>		
Dual Enrollment Experiences in Literature is a course offered in partnership with William Paterson University, and is a writing-intensive course in which students examine how literary texts affect readers and in which students develop and sharpen this understanding through drafting, discussing, and revising written responses to these texts. Literary texts may include different genres: (short fiction, poetry, film, drama, etc.). The course is intended to provide students with an opportunity to earn college credit while also gaining a deeper understanding of college writing.		
<b>DUAL ENROLLMENT INTRO TO CREATIVE WRITING (H) (ENG 2310)</b>	<b>Grade 10-12</b>	<b>5 credits</b>
<b><i>Prerequisite: Grade of 90 or higher in English or Grade of 80 or higher in English Honors</i></b>		
Dual Enrollment Intro to Creative Writing is a course offered in partnership with William Paterson University, designed as a workshop leading to the development of writing skills in poetry and fiction; may also cover such genres as drama, screenwriting, and creative non-fiction. Through readings and discussions on topics such as style, theme, and voice, students are encouraged to develop imaginative power and originality in creative writing. The course is intended to provide students with an opportunity to earn college credit while also gaining a deeper understanding of college writing.		



**REAL TALK: WORDS THAT SHAPE OUR WORLD    Grade 9-12****5 credits***This course meets the graduation requirements for the 5 credits of 21st Century Skills*

Real Talk: Words That Shape Our World is designed to equip students with the essential skills needed to navigate and thrive in today's fast-paced, interconnected world. This course emphasizes the power of effective communication, critical media literacy, and self-awareness to foster personal and professional growth. Through a blend of classic and contemporary texts, students will explore themes of interpersonal relationships, digital mindfulness, creativity, and resilience while honing their public speaking, writing, and presentation skills. By the end of this course, students will not only develop their abilities as confident communicators but also gain the tools to make a meaningful impact in their personal lives, communities, and future endeavors.

**SAT PREP****Grades 10-12****2.5 credits**

This semester course will provide students with practical approaches to both the Reading and Writing/Language test and the Math test. Students will complete practice drills as concepts are introduced, practice sections to gauge growth, and practice tests to determine an overall indication as to how they will perform on the official exam.

**MATHEMATICS DEPARTMENT**

To address the ever changing and challenging aspects of the 21<sup>st</sup> Century, the Dover High School Mathematics Department is committed to providing a comprehensive curriculum. Students will experience mathematics through the use of technological tools such as interactive white boards, computers, calculators, and iPads using a variety of representations such as tables, graphs, and words. All courses are aligned with the New Jersey Student Learning Standards (NJSLS). In the mathematical classrooms at Dover High School, students will be actively engaged in the learning process utilizing the Mathematical Practices described in the NJSLS. These practices are:

1. *Make sense of problems and persevere in solving them*
2. *Reason abstractly and quantitatively*
3. *Construct viable arguments and critique the reasoning of others.*
4. *Model with mathematics.*
5. *Use appropriate tools strategically.*
6. *Attend to precision.*
7. *Look for and make use of structure.*
8. *Look for and express regularity in repeated reasoning.*

As a department, we believe that all students can learn mathematics. We are committed to providing all students with mathematical experiences that will prepare them for the challenges of the 21<sup>st</sup> century.

**ML FUNDAMENTAL MATH****Grade 9-10****5 credits*****Co-requisite: Fundamental ESL & Fundamental Symposium***

This course brings together an integration of introductory Algebra and Geometry skills while assisting students acclimating to the English Language. While basic mathematical concepts may be explained in the native language, the goal of the course is a full integration of math skills taught in English.

**ML MATH FOUNDATIONS FOR ALGEBRA I****Grade 9-10****5 credits*****Co-requisite: ML Algebra I***

This course assists English language learners in their math course. Basic math skills are a focus of the course. Emphasis is placed on using graphing calculators and computers to enhance conceptual understanding.

**ALGEBRA I****Grades 9-12****5 credits***This course meets the graduation requirements for Mathematics****Prerequisite: Successful completion of Pre-Algebra, ML Math Foundations, or Mathematics 8***

Algebra I is a college preparatory course that provides students with a formal development of the necessary algebraic skills and concepts. The instructional program in this course provides for the use of algebraic skills in a wide range of problem solving situations. Functions are emphasized throughout the course. Topics include: (1) operations with real numbers, (2) pairs of linear equations and inequalities, (3) graphing linear equations and inequalities, (4) polynomials, (5) algebraic fractions, and (6) nonlinear equations. Appropriate technology, including graphing calculators and application software, will be used in instruction and assessment.

**MATH FOUNDATIONS FOR ALGEBRA I**      **Grades 9-12**      **5 credits**

***Co-requisite: Algebra I***

This course provides students with the necessary skills to be successful in Algebra I. A focus will be solving application word problems. Topics include: (1) operations with real numbers, (2) pairs of linear equations and inequalities, (3) graphing linear equations and inequalities, (4) polynomials, (5) algebraic fractions, and (6) nonlinear equations.

**ML ALGEBRA I**      **Grades 9-12**      **5 credits**

*This course meets the graduation requirements for Mathematics*

ML Algebra I is a college preparatory course designed for students who have a basic to intermediate level of English proficiency. In terms of topics, ML Algebra I curriculum parallels Algebra I. Appropriate technology, including graphing calculators and application software, will be used in instruction and assessment.

**ALGEBRA I HONORS**      **Grade 9**      **5 credits**

*This course meets the graduation requirements for Mathematics*

***Prerequisite: Successful completion of Mathematics 8 with a grade of 90***

Algebra I Honors is a course that provides students with a formal development of the necessary algebraic skills and concepts. In particular, Algebra I Honors provides a more challenging use of algebraic skills in a wide range of problem solving situations. Functions are emphasized throughout the course. Topics include: (1) operations with real number, (2) linear equations and inequalities, (3) relations and functions, (4) polynomials, (5) algebraic fractions, and (6) nonlinear equations. Appropriate technology, including graphing calculators and application software, will be used in instruction and assessment.

**GEOMETRY**      **Grades 9-12**      **5 credits**

*This course meets the graduation requirements for Mathematics*

***Prerequisite: Successful completion of Algebra I***

Geometry is a college preparatory course that provides students with experiences that deepen the understanding of two and three-dimensional objects and their properties. Deductive and inductive reasoning as well as investigative strategies in drawing conclusions are stressed. Properties and relationships of geometric objects include the study of: (1) points, lines, angles and planes; (2) polygons, with a special focus on quadrilaterals, triangles, and right triangles; (3) circles; and (4) polyhedra and other solids. An understanding of proof and logic is developed. Computer drawing programs will be used. Appropriate technology, including graphing calculators and application software, will be used in instruction and assessment.

**MATH FOUNDATIONS FOR GEOMETRY**      **Grades 10-12**      **5 credits**

***Co-requisite: Geometry***

This course provides students with the necessary skills to be successful in Geometry. A focus will be solving application word problems. Properties and relationships of geometric objects include the study of: (1) points, lines, angles and planes; (2) polygons, with a special focus on quadrilaterals, triangles, and right triangles; (3) circles; and (4) polyhedra and other solids.

**ML GEOMETRY**      **Grades 9-12**      **5 credits**

*This course meets the graduation requirements for Mathematics*

***Prerequisite: Successful completion of ML/ELL Algebra I***

ML Geometry is a college preparatory course designed for students who have a basic to intermediate level of English proficiency. In terms of topics, Geometry curriculum parallels Geometry. Appropriate technology, including graphing calculators and application software, will be used in instruction and assessment.

**GEOMETRY HONORS**      **Grade 9-10**      **5 credits**

*This course meets the graduation requirements for Mathematics*

***Prerequisite: Successful completion of Algebra I Honors with a grade of 80 or better or Algebra I with a grade of 90***

Geometry Honors provides students with more challenging, in depth experiences that deepen the understanding of two and three-dimensional objects and their properties. Deductive and inductive reasoning as well as investigative strategies in drawing conclusions are stressed. Properties and relationships of geometric objects include the study of: (1) points, lines, angles and planes; (2) polygons, with a special focus on quadrilaterals, triangles, and right triangles; (3) circles; and (4) polyhedra and other solids. An understanding of proof and logic is developed. Computer drawing programs will be used. Appropriate technology, including graphing calculators and application software, will be used in instruction and assessment.

<b>ALGEBRA II</b>	<b>Grades 11-12</b>	<b>5 credits</b>
<i>This course meets the graduation requirements for Mathematics</i>		
<b>Prerequisite: Successful completion of Geometry</b>		
Algebra II is a college preparatory course designed for students who have a working knowledge of the concepts taught in Algebra I. This course is the study of functions and equations. Computers will be used to model functions and solve real-life problems. Topics include: (1) functions, (2) modeling with functions, (3) trigonometric functions, and (4) inferences and conclusions from data. Appropriate technology, including graphing calculators and application software, will be used in instruction and assessment.		
<b>MATH FOUNDATIONS FOR ALGEBRA II</b>	<b>Grades 10-12</b>	<b>5 credits</b>
<b>Co-requisite: Algebra II</b>		
This course provides students with the necessary skills to be successful in Algebra II. A focus will be solving application word problems. Topics include: (1) functions, (2) modeling with functions, (3) trigonometric functions, and (4) inferences and conclusions from data.		
<b>ML ALGEBRA II</b>	<b>Grades 9-12</b>	<b>5 credits</b>
<i>This course meets the graduation requirements for Mathematics</i>		
<b>Prerequisite: Successful completion of ML Geometry</b>		
ML Algebra II is a college preparatory course designed for students who have a basic to intermediate level of English proficiency. In terms of topics, ML Algebra II curriculum parallels Algebra II. Appropriate technology, including graphing calculators and application software, will be used in instruction and assessment.		
<b>ML FINANCIAL ALGEBRA</b>	<b>Grades 9-12</b>	<b>5 credits</b>
<i>This course meets the graduation requirements for Mathematics</i>		
<b>Prerequisite: Successful completion of ML Geometry</b>		
Third year math course for ML students who have a basic to intermediate level of English proficiency. An integrated math course that focuses on real world applications of math. Topics included in this course are budgeting, finance, statistics, probability, starting a business and modeling.		
<b>ELEMENTS OF ALGEBRA (MAT006)</b>	<b>Grade 11</b>	<b>2.5 credits</b>
<i>This course meets the graduation requirements for Mathematics</i>		
<b>Prerequisite: Successful completion of Geometry</b>		
Elements of Algebra is a high school course offered through CCM (County College of Morris) that helps students strengthen their foundational math skills. Designed for students who need extra practice with arithmetic and basic algebra concepts, this course covers topics such as operations with whole numbers, fractions, decimals, percentages, signed numbers, linear equations and inequalities, polynomials, factoring, integer exponents, and graphing. By completing this course, students will not only gain essential math skills but also meet the requirements to waive the need for the fundamental course at CCM and bypass the Accuplacer placement exam.		
<b>INTERMEDIATE ALGEBRA (MAT016)</b>	<b>Grade 11</b>	<b>2.5 credits</b>
<i>This course meets the graduation requirements for Mathematics</i>		
<b>Prerequisite: Successful completion of Geometry</b>		
Intermediate Algebra is a second-level preparatory algebra course offered through CCM (County College of Morris) that prepares students for credit-level math courses. This course covers key topics such as systems of linear equations, polynomials, factoring, rational expressions, radicals, and solving quadratic equations. Successful completion of this course will not only strengthen students' algebra skills but also waive their need to take the fundamental math courses at CCM and eliminate the requirement to take the Accuplacer placement exam. The course is designed to help students build the confidence and knowledge necessary for more advanced mathematics courses.		

<b>ALGEBRA II HONORS</b>	<b>Grades 10-11</b>	<b>5 credits</b>
<i>This course meets the graduation requirements for Mathematics</i>		
<b><i>Prerequisite: Successful completion of Geometry Honors with a grade of 77 or better or an 80 in Geometry, and a 80 or better in Algebra I Honors or an 90 in Algebra I</i></b>		
This second year Algebra Honors course is designed for the honors student who has demonstrated mastery of Algebra I and Geometry. Use of computers will model functions and solve real-life problems. Students will explore data analysis, modeling and functions. Key topics include variation, matrices, linear and quadratic systems, quadratic relations, polynomial, rational, logarithmic and exponential functions. Appropriate technology, including graphing calculators and application software, will be used in instruction and assessment.		
<b>STATISTICS</b>	<b>Grades 11-12</b>	<b>5 credits</b>
<i>This course meets the graduation requirements for Mathematics</i>		
<b><i>Prerequisite: Successful completion of Algebra II with a grade of 77 or better</i></b>		
This course is designed as an introduction to statistics and data analysis. It will build on prior knowledge that students have gained in their previous math courses. This course will engage students in practical data analysis and graphs using real world examples, encouraging students to think statistically and see its relevance in everyday life. This course meets the third year of math graduation requirement upon completion of Geometry and Algebra II.		
<b>PRECALCULUS</b>	<b>Grades 11-12</b>	<b>5 credits</b>
<i>This course meets the graduation requirements for Mathematics</i>		
<b><i>Prerequisite: Successful completion of Algebra II with a grade of 77 or better</i></b>		
The first half of this course uses the concepts taught in Algebra II and applies them to trigonometric functions. The second half of the year works with functions and their properties. Students will be expected to demonstrate mastery of these skills: (1) finding the values of the six trigonometry functions of angles with the use of a calculator and the chart of special triangles, (2) graphing of trigonometric functions, (3) proving trigonometric identities, (4) solving triangles by using the law of sines or the law of cosines, (5) evaluating expressions with the use of polar coordinates, (6) solving trigonometric equations, (7) finding the limit of a series, (8) finding the domain and range of various functions, (9) graphing polynomial functions, and (10) testing functions for maxima and minima points. Appropriate technology, including graphing calculators and application software, will be used in instruction and assessment.		
<b>PRECALCULUS HONORS</b>	<b>Grades 11-12</b>	<b>5 credits</b>
<b><i>Prerequisite: Successful completion of Algebra II H with a grade of 80 or better or Algebra II with a grade of 90 or better</i></b>		
This course is designed for students who have successfully mastered Algebra II and who are anticipating taking Advanced Placement Calculus their senior year. Graphing calculators, as well as computer algebra systems, are used extensively throughout the course. Students develop, explore, and demonstrate mastery of trigonometric functions using graphical and algebraic approaches and series and limits as the "building blocks" of Calculus.		
<b>CALCULUS HONORS</b>	<b>Grade 12</b>	<b>5 credits</b>
<b><i>Prerequisite: Successful completion of Precalculus H or Precalculus with a grade of 77 or better</i></b>		
This course is for students who have demonstrated a good understanding of mathematics and who expect to take mathematics in college. The college bound student who successfully completes this course should have a definite advantage when taking calculus in college. Students will be expected to demonstrate mastery of these skills: (1) calculating the derivative of a function using the notion of increments, (2) differentiating functions using formulas for differentiation, (3) solving word problems involving tangents, curve plotting, maxima and minima by differentiation, finding volume of surfaces of revolution, and (4) integrating the definite and the indefinite integral.		
<b>AP CALCULUS AB</b>	<b>Grade 12</b>	<b>5 credits</b>
<b><i>Prerequisite: Successful completion of Precalculus Honors with a grade of 80 or better or Precalculus with a grade of 90, or teacher recommendation, and completion of mandatory summer assignment.</i></b>		
AP Calculus AB is a college level course equivalent to a first semester of college calculus and is taught in preparation for the AP exam which may result in college credit. At the completion of the course students will understand the theory and applications of differential and integral calculus. This course covers evaluating limits, derivatives, integrals, applying derivatives to related rates, optimization, velocity, applying integrals to area, volume, and differential equations. The completion of a summer assignment is required.		

**AP CALCULUS BC**                      **Grade 12**                      **5 credits**  
***Prerequisite: Successful completion of Precalculus Honors with a grade of 90 and completion of mandatory summer assignment.***  
AP Calculus BC is a college level course equivalent to first and second semesters of college calculus and is taught in preparation for the AP exam which **may** result in college credit. This course covers rate of change, differentiation, integration, advanced applications, transcendental functions, parametric equations, differential equations, Taylor series, Maclaurin series, power series and polar curves. You will learn how to approach calculus concepts and problems represented graphically, numerically, analytically, and verbally, and to make connections amongst these representations. The completion of a summer assignment is required.

**AP STATISTICS**                      **Grades 10-12**                      **5 credits**  
***This course meets the graduation requirements for Mathematics***  
***Prerequisite: Successful completion of Algebra II Honors or Precalculus Honors with a grade of 80 or better or Geometry Honors, Algebra II, or Precalculus with a grade of 90 and completion of mandatory summer assignment.***  
AP Statistics is a college level course and is taught in preparation for the AP exam which **may** result in college credit. This course will 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, Sampling and Experimentation, Anticipating Patterns, and Statistical Inference. The completion of a summer assignment is required. This course meets the third year of math graduation requirement upon completion of Geometry and Algebra II.

**PRACTICAL MATH**                      **Grade 12**                      **5 credits**  
***This course meets the graduation requirements for Mathematics***  
4th year math elective. An integrated math course that focuses on real world applications of math. Topics included in this course are budgeting, finance, statistics, probability, starting a business and modeling. *This course meets the third year of math graduation requirement upon completion of Algebra I and Geometry.*

**MEDICAL MATH**                      **Grades 11-12**                      **2.5 credits**  
This course will provide a review of basic mathematical calculations and will instruct the learner on how to convert equivalents from one system to another and accurately mix and measure drugs. Emphasis will be placed on how these techniques are used in the administration of medications for patient use.

**MATH IN TOYS AND GAMES**                      **Grades 11-12**                      **2.5 credits**  
Students will explore the mathematical strategies behind popular games, toys, and puzzles. Topics covered will combine basic fundamentals of game theory, probability, group theory, and elementary programming concepts. Each week will consist of a lecture and discussion followed by game play to implement the concepts learned in class.

**MATH ENRICHMENT 12**                      **Grade 12**                      **1.25 credits**  
Math Enrichment 12 is a mandated course for those students who have not met the mathematics testing requirements for graduation set by the State. The course reviews the concepts needed for students to be successful on the State mandated assessments required for graduation.

**SAT PREP**                      **Grade 10-12**                      **2.5 credits**  
This semester course will provide students with practical approaches to both the Reading and Writing/Language test and the Math test. Students will complete practice drills as concepts are introduced, practice sections to gauge growth, and practice tests to determine an overall indication as to how they will perform on the official exam.

**DUAL ENROLLMENT PROBABILITY AND STATISTICS (H) (MATH 130)**                      **Grade 10-12**                      **5 credits**  
***This course meets the graduation requirements for Mathematics***  
***Prerequisite: Successful completion of Algebra II H with a grade of 80 or better or Algebra II with a grade of 90 or better***  
Dual Enrollment Statistics and Probability is a course offered in partnership with The County College of Morris (CCM), designed to introduce high school students to the fundamental concepts of statistics, including descriptive statistics, probability theory, statistical inference, and regression analysis. The course is intended to provide students with an opportunity to earn college credit while also gaining a deeper understanding of statistical methods and their applications.

**DUAL ENROLLMENT PRE-CALCULUS (H) (MATH 1160)****Grade 10-12****5 credits***This course meets the graduation requirements for Mathematics****Prerequisite: Successful completion of Algebra II H with a grade of 80 or better or Algebra II with a grade of 90 or better***

This course is designed for high school students who are interested in pursuing a career in STEM fields and want to prepare for college-level mathematics courses. In partnership with the County College of Morris, students have the opportunity to earn college credits with successful completion of the course. The course is a rigorous introduction to the concepts and methods of calculus, including limits, derivatives, and integrals. Students will also learn about functions, graphs, and other algebraic topics that are essential for success in calculus. Throughout the course, students will engage in problem-solving activities, critical thinking, and mathematical modeling.

**DUAL ENROLLMENT INTRODUCTION TO DATA SCIENCE (H) (MATH 114)****Grade 10-12****5 credits***This course meets the graduation requirements for Mathematics****Prerequisite: Successful completion of Algebra II H with a grade of 80 or better or Algebra II with a grade of 90 or better***

Dual Enrollment Data Science is a course designed to introduce high school students to the principles and techniques of data analysis and machine learning. The course covers the fundamentals of data collection, cleaning, and analysis using popular programming languages such as Python and R. The course also includes hands-on projects and case studies to provide students with practical experience in applying the concepts learned in class. In partnership with The County College of Morris, students have the opportunity to earn college credits with successful completion of the course. This is the first course of a five course sequence offered at The County College of Morris to earn a Data Analytics Certificate.

## **SCIENCE DEPARTMENT**

The Science Department of Dover High School prides itself on offering a comprehensive program that reflects the changing nature of science education. This rigorous academic program prepares students for post-secondary education while helping them develop as scientifically literate individuals. An experienced science staff guides learning through the use of student centered, phenomena based activities and labs.

**ENVIRONMENTAL SCIENCE****Grades 11-12****5 credits***This course meets the graduation requirements for 5 credits of Science****Prerequisite: Successful completion of Biology with a grade of 60% or higher. Teacher recommendation required***

This course is designed to introduce high school students to major ecological concepts and the environmental issues that affect the world in which they live. Students will learn about technological developments that have created environmental problems as well as technologies that are helping to solve them. Case studies are used to provide an in-depth analysis of current environmental issues such as endangered species, climate change, and cleanup of a Superfund Site. *This course meets the graduation requirements for 5 credits of Science*

**ML ENVIRONMENTAL SCIENCE****Grades 10-12****5 credits***This course meets the graduation requirements for 5 credits of Science****Prerequisite: Successful completion of ML Biology with a grade of 60% or higher. Teacher recommendation required.***

This is an environmental science laboratory course with ML support. This course will be designed to focus on content, including Earth systems, ecosystems, and human activity in a variety of processes while providing skills to acquire and develop English language skills. The goal of this course is to provide students with opportunities to ask questions, perform, design experiments, and analyze data that will assist in finding answers to their questions while supporting the development of the appropriate scientific language skills.

**AP ENVIRONMENTAL SCIENCE      Grades 11-12****6 credits***This course meets the graduation requirements for 5 credits of Science****Prerequisite: Successful completion of three science courses with grades of 80% or higher in all, and completion of mandatory summer assignment. Teacher recommendation required.***

AP Environmental Science is a college level course and is taught in preparation for the AP exam which **may** result in college credit. The goal of the AP Environmental Science course is to provide students with the scientific principles, concepts, and methodologies required to understand the interrelationships of the natural world, to identify and analyze environmental problems both natural and human-made, to evaluate the relative risks associated with these problems, and to examine alternative solutions for resolving and/or preventing them. The completion of a summer assignment is required. *This course meets the graduation requirements for 5 credits of Science.*

**INTEGRATED GEOPHYSICAL SCIENCE      Grades 11-12****5 Credits***This course meets the graduation requirements for 5 credits of Science. Teacher recommendation required.*

Integrated Geophysical Science is designed for students to experience science as it relates to earth sciences, space science and physical science. Students will explore physics and chemistry in greater depth by learning how these concepts relate to earth and space systems. Gravity, heat flow, satellites and space probes, are just a few of the phenomena students will be studying. Students will perform labs in class as they investigate the concepts of matter and energy, natural processes that shape our world, and the electromagnetic spectrum. *This course meets the graduation requirements for 5 credits of Science.*

**BIOLOGY      Grades 9-10****5 credits***This course meets the graduation requirements for 5 credits of Science. Teacher recommendation required*

This is a college preparatory biology laboratory course. The focus includes cell structure, disease, evolution, genetics, and ecology. The goal of this course is to provide students with opportunities to ask questions, perform and design experiments and analyze data that will assist in finding answers to their questions. *This course meets the graduation requirements for 5 credits of Science.*

**BIOLOGY HONORS      Grade 9-10****5 credits***This course meets the graduation requirements for 5 credits of Science****Prerequisite: Successful completion of Science with a grade of 90% or higher. Teacher recommendation required***

The course of study goes beyond college preparatory Biology in terms of the depth and pace at which the topics are studied. Topics such as genetics and evolution are researched and analyzed in great detail. *This course meets the graduation requirements for 5 credits of Science.*

**AP BIOLOGY      Grades 11-12****6 credits***This course meets the graduation requirements for 5 credits of Science****Prerequisite: Successful completion of Biology Honors and Chemistry Honors with a grade of 80% or higher in both or successful completion of Biology and Chemistry with a grade of 90% in both, and completion of mandatory summer assignment. Teacher recommendation required***

AP Biology is a college level course and is taught in preparation for the AP exam which **may** result in college credit. This laboratory based AP Biology course is equivalent to a two semester introductory college level biology course. The course incorporates major themes of biology throughout the curriculum. Major topics of study include molecules and cells, heredity and evolution, and organisms and populations. The completion of a summer assignment is required. *This course meets the graduation requirements for 10 credits of Science.*

**CHEMISTRY      Grades 10-12****5 credits***This course meets the graduation requirements for 5 credits of Science****Prerequisite: Successful completion of Biology with a grade of 60% or higher. Teacher recommendation required.***

This college preparatory chemistry laboratory course offers “hands-on” exploration and problem solving of chemical principles. The depth and pace at which topics are studied provide students with a sound foundation that will help them succeed in college science courses. *This course meets the graduation requirements for 5 credits of Science.*

**CHEMISTRY HONORS      Grade 10****5 credits***This course meets the graduation requirements for 5 credits of Science****Prerequisite: Successful completion of Biology Honors with a grade of 85% or higher or Biology with a grade of 93% or higher. Teacher recommendation required***

In this course students are required to analyze data from laboratory investigations and generate the broad principles being studied. The level at which topics are studied prepares students for advanced study of chemistry in college. *This course meets the graduation requirements for 5 credits of Science.*

**PHYSICS** **Grades 11-12** **5 credits**  
*This course meets the graduation requirements for 5 credits of Science*

**Prerequisite:** *Successful completion of Chemistry with a grade of 70% or higher. Teacher recommendation required*

This college preparatory Physics laboratory course deals with motion, forces, and various types of energy and their transformation. This course is designed for the student who has already developed skills in basic algebra and geometry. Juniors may elect to take this course in addition to Chemistry. *This course meets the graduation requirements for 5 credits of Science.*

**PHYSICS HONORS** **Grades 11-12** **5 credits**  
*This course meets the graduation requirements for 5 credits of Science*

**Prerequisite:** *Successful completion of Chemistry Honors and Algebra with a grade of 80% or higher. Teacher recommendation required.* This college preparatory Physics laboratory course deals with motion, forces, and various types of energy and their transformation. This course is designed for the student who has already developed skills in basic algebra and geometry. Juniors may elect to take this course in addition to Chemistry. *This course meets the graduation requirements for 5 credits of Science.*

**AP PHYSICS I** **Grades 11-12** **6 credits**  
*This course meets the graduation requirements for 5 credits of Science*

**Prerequisite:** *Successful completion of Physics or Chemistry and Algebra II with a grade of 90% or Chemistry, Physics, and Algebra II Honors with a grade of 80% or higher, and completion of mandatory summer assignment. Teacher recommendation required.* AP Physics I is a college level course and is taught in preparation for the AP exam which may result in college credit. This course provides an introduction to the main principles of college level physics and emphasizes the development of conceptual understanding and problem-solving ability using algebra and some trigonometry. The course provides a foundation in physics for students in the life sciences, pre-medicine, and some applied sciences, as well as other fields not directly related to science. The completion of a summer assignment is required. *This course meets the graduation requirements for 7 credits of Science.*

**DUAL ENROLLMENT ANATOMY AND PHYSIOLOGY I (H)** **Grades 11-12** **6 credits**  
*This course meets the graduation requirements for 5 credits of Science*

**Prerequisite:** *Successful completion of Biology Honors with a grade of 80% or higher or Biology with a grade of 90% or higher. Teacher recommendation required*

This course follows a sequential development of the major body systems in an organized and structured curriculum. The course is designed to give the students a selective overview of human anatomical structure and an analysis of human physiological principles. Labs will include slide work, dissection of various animals and studies of the human skeleton. *This course meets the graduation requirements for 7 credits of Science.*

**GENETICS & FORENSICS** **Grades 11-12** **5 credits**  
*This course meets the graduation requirements for 5 credits of Science*

**Prerequisite:** *Grade of 70% or higher in Biology*

An integrated lab science elective course that emphasizes critical thinking and problem solving through the use of real-world forensic science methodologies. This will be learned in conjunction with mendelian genetics, gene structure and function, inheritance patterns and biotechnology. The course will provide students with an overview of how forensic science uses biology, physics and chemistry in crime scene investigations and be immersed in the methodologies used in genetics investigations, complete hands on labs, and design investigations.

**ML PHYSICAL SCIENCE\*** **Grades 9-12** **2.5 credits**  
*This course meets the graduation requirements for 5 credits of Science*

This course will be designed to introduce students to science vocabulary, measurement, lab design, and scientific writing. Students will learn the basics of physical sciences through hands-on activities designed for students to practice the skills addressed in the NJ Science Learning Standards. *This course meets the graduation requirements for 2.5 credits of Science.*



**ML LIFE SCIENCE\*                      Grades 9-12    2.5 credits**

*This course meets the graduation requirements for 5 credits of Science*

This course will be designed to introduce students to science vocabulary, measurement, lab design, and scientific writing. Students will learn the basics of life sciences through hands-on activities designed for students to practice the skills addressed in the NJ Science Learning Standards. *This course meets the graduation requirements for 2.5 credits of Science.*

**ML BIOLOGY    Grade 9-10    5 credits**

*This course meets the graduation requirements for 5 credits of Science*

***Corequisite: Beginner or Intermediate ESL. Teacher recommendation required.***

This is a biology laboratory course with ML support. This course will be designed to focus on content, including cell structure, disease, evolution, genetics, and ecology while providing skills to acquire and develop English language skills. The goal of this course is to provide students with opportunities to ask questions, perform, design experiments, and analyze data that will assist in finding answers to their questions while supporting the development of the appropriate scientific language skills. *This course meets the graduation requirements for 5 credits of Science.*

**ML CHEMISTRY    Grades 10-12    5 credits**

*This course meets the graduation requirements for 5 credits of Science*

***Prerequisite: Successful completion of ML Biology with a grade of 60% or higher. Teacher recommendation required***

This is a chemistry laboratory course with ML support. This course will be designed to focus on content, including “hands-on” exploration and problem solving of chemical principles while providing skills to acquire and develop English language skills. The goal of this course is to provide students with opportunities to ask questions, perform, design experiments, and analyze data that will assist in finding answers to their questions while supporting the development of the appropriate scientific language skills. *This course meets the graduation requirements for 5 credits of Science.*

**RESTRICTED COURSES**

Program options are provided for students who are eligible for special education. Students who are eligible to receive special education can participate in the full range of regular education and special education courses according to their needs. The special education course offerings are listed below by program. Also available are the services of a child study team, speech and language therapist, occupational therapist, counseling, and physical therapist as indicated in their Individualized Education Program..

**In-class Resource English I, II, III, and IV    Grades 9 - 12    5 credits**

The In-class Resource Support class is a general education English classroom co-taught by a special education teacher in order to provide students with the extra support and accommodations needed to ensure an effective learning environment; while preparing the student for the NJSLA, NJGPA, and other post-secondary entry assessments. Students can only be enrolled in an In-class Resource course as per their Individual Education Plan (IEP).

**In-class Resource Algebra I, Geometry and Algebra II    Grades 9 - 12    5 credits**

The In-class Resource Support class is a general education Math classroom co-taught by a special education teacher in order to provide students with the extra support and accommodations needed to ensure an effective learning environment; while preparing them for the NJSLA, NJGPA, and other post-secondary entry assessments. Students can only be enrolled in an In-class Resource course as per their Individual Education Plan (IEP).

**In-class Resource: Biology, Chemistry, Environmental Science, & Integrated Geophysical Science    Grades 9 - 12    5 credits**

The In-class Resource Support class is a general education Science classroom co-taught by a special education teacher in order to provide students with the extra support and accommodations needed to ensure an effective learning environment; while preparing them for the NJSLA, NJGPA, and other post-secondary entry assessments. Students can only be enrolled in an In-class Resource course as per their Individual Education Plan (IEP).

**In-class Resource Personal Financial Literacy    Grades 9 - 12    2.5 credits**

The In-class Resource Support class is a general education Personal Financial Literacy classroom co-taught by a special education teacher in order to provide students with the extra support and accommodations needed to ensure an effective learning environment.

The In-class Resource Support classroom meets all NJSLA standards and NJ graduation requirements. Students can only be enrolled in an In-class Resource course as per their Individual Education Plan (IEP).

**In-class Resource US History I, US History II, and World History & Cultures      Grades 9 - 12      5 credits**

The In-class Resource Support class is a general education Social Studies/History classroom co-taught by a special education teacher in order to provide students with the extra support and accommodations needed to ensure an effective learning environment. Students can only be enrolled in an In-class Resource course as per their Individual Education Plan (IEP).

**Learning and/or Language Disabled Program      Grades 9, 10, 11, 12      5-20 credits (5 credits per subject)**

The Language and/or Learning Disabled (LLD) Program offers small group academic instruction in a self-contained classroom setting. Instructional methodology includes a practical, functional, multi-sensory, language-based approach to learning. Students are enrolled in the LLD self-contained program per their Individualized Education Plan (IEP) which is designed to meet their below average cognitive and communication skills. Students in the LLD program will meet graduation credit requirements for English, Math, Science and Social Studies. Students are included in general education for fine art, physical education, and other offered electives.

**LIFE SKILLS      Grades 9, 10, 11, 12      5 credits**

*This course meets the graduation requirements for the 5 credits of 21st Century Skills*

This course will be offered in a year long format, during any one or more of the high school years for students in the Multiple Disabilities Program. The course will provide students the opportunity to develop self-care skills such as household management, personal needs, food preparation, leisure activities and other daily living skills. In addition students will develop self determination and interpersonal skills which includes self-awareness, self-advocacy, socially responsible behavior, decision-making and communication skills. Students will have an opportunity for career exploration, building a resume and job sampling. Learning experiences will include classroom as well as Community-based Instruction to provide the students with an authentic learning experience which includes opportunities to practice using natural resources and advocating for oneself. Students are enrolled in the Life Skills course per their Individualized Education Plan (IEP) which is developed collaboratively with the IEP team.

**LIFE SKILLS WITH PERSONAL FINANCIAL LITERACY      Grades 9, 10      5 credits**

*This course meets the graduation requirements for the 5 credits of 21st Century Skills*

This course will be offered in a year long format, during any one or more of the high school years for students in the Multiple Disabilities Program. The course will include 2 marking periods of Personal Financial Literacy coursework as well as 2 marking periods of coursework in self-advocacy, job exploration and personal care (leisure and independent life skills). The course will provide students the opportunity to develop personal financial literacy skills (financial planning, budgeting, banking, managing money and use of credit and debit cards, etc), while meeting the NJ Personal Financial Literacy requirement for graduation. Students are enrolled in the Life Skills course per their Individualized Education Plan (IEP) which is developed collaboratively with the IEP team..

**Multiple Disabilities Program      Grades 9, 10, 11, 12      5-20 credits**

The Multiple Disabilities (MD) Program is a self-contained classroom setting for students who are eligible for special education services under more than one disability classification. Curriculum is modified to meet the student's cognitive level and pace of learning. Instructional methodologies include adaptive, practical, functional, multi-sensory, and hands-on approaches to learning. Students in the MD program will also have an opportunity to apply many functional skills learned in the classroom directly into their community experiences through Community-based Instruction. Students are enrolled in the MD self-contained program per their Individualized Education Plan (IEP) which is designed to meet a student's individual academic, social, and communication needs. Students in the MD program will meet graduation credit requirements for English, Math, Science, and Social Studies. Students are included in general education for fine art, physical education, and other offered electives.

**Resource Replacement English I, II, III and IV:      Grades 9, 10, 11, 12      5 credits**

The Resource Replacement English courses are designed with the necessary modifications to the Language Arts curricula and pace of learning to ensure the most effective learning environment for students who require more support with their reading, comprehension, and writing skills. The goal of the course is to strengthen a student's reading, vocabulary, comprehension, and writing skills, while preparing them for the NJSLA, NJGPA, and other post-secondary entrance assessments. Students can only be enrolled in a Replacement course as per their Individual Education Plan (IEP).

**Resource Replacement Algebra 1, Geometry, Algebra I      (Grades 9, 10, 11, 12)      5 credits**

These courses are designed with modifications to the traditional math curricula to help remediate and further develop the needs of the individual student. While students will be thoroughly prepared for NJSLA, NJGPA, and other post secondary entrance assessments, the Resource Replacement courses make the necessary modifications to ensure the most effective learning environment for students who require more support with their math skills. The goal of the resource replacement math courses is to strengthen each student's basic math skills in both computation and applications, while thoroughly preparing them for standardized assessments.

## **TRANSITIONAL SKILLS**

**Grades 9, 10, 11, 12**

**5 credits**

*This course meets the graduation requirements for the 5 credits of 21st Century Skills*

This course will be offered in a year-long format, during any one or more of the high school years for students in the Learning and/or Language Disabilities Program. Students will develop skills in self-advocacy, understanding the IEP process, self-advocacy skills, career exploration and personal care (leisure and independent life skills). Students will have the opportunity to make initial contact with outside agencies such as the Division of Vocational Rehabilitation Services. The students will also have the opportunity to develop resumes and interviewing skills. Students are enrolled in the Transitional Skills course per their Individualized Education Plan (IEP) which is developed collaboratively with the IEP team.

## **TRANSITIONAL SKILLS WITH PERSONAL FINANCIAL LITERACY**

**Grades 9, 10**

**5 credits**

*This course meets the graduation requirements for the 5 credits of 21st Century Skills*

This course will be offered in a year long format, during any one of the high school years for students in the Learning and/or Language Disabilities Program. The course will include 2 marking periods of Personal Financial Literacy coursework as well as 2 marking periods of coursework in self-advocacy, job exploration and personal care (leisure and independent life skills). The course will provide students the opportunity to develop personal financial literacy skills (financial planning, budgeting, banking, managing money and use of credit and debit cards, etc), while meeting the NJ Personal Financial Literacy requirement for graduation. Students are enrolled in the Life Skills course per their Individualized Education Plan (IEP) which is developed collaboratively with the IEP team.

## **PHYSICAL EDUCATION AND HEALTH DEPARTMENT**

The Physical Education program at Dover High School seeks to bring about the well-rounded development of all students so they may be better prepared to take their places as responsible citizens in our society. The Physical Education and Health Program is designed to promote proper health and safety habits, desirable moral standards, and social attitudes, and to develop the students physically by participating in team sports and recreational activities geared for leisure time in adult life.

1. All classes including Health and Driver Education are conducted on a co-educational basis.
2. Physical Education classes in grades 9,10,11,12 meet every day for three marking periods. Health and Driver Education Theory classes meet daily for one marking period.
3. Drug and Alcohol Education is included in the Health curriculum at all grade levels. Family Education is included in the 9th, 11th, and 12th grade Health Program.
5. Students are required to provide an appropriate change of clothing for participation in Physical Education classes. T-shirts, sweatshirts, shorts, or sweatpants are considered proper attire. Only sneakers may be worn as footwear. Clothes should fit and cover the body properly without being revealing or restrictive.

During the fall months, activities are held outdoors. Activities include fitness, soccer, football, speedball, tennis, recreational games, and strength training. Winter indoor activities include badminton, basketball, cooperative games, floor hockey, team dodgeball, volleyball, weight training, dance, zumba and yoga. Spring activities include physical fitness testing, golf, group games, lacrosse, tennis, softball, and weight training. The emphasis is to develop skills in a particular sport; to understand strategy, rules and terminology; and to continue the development of coordination, timing, muscle control, and strength. All activities are co-ed and on occasion are divided into basic and advanced groupings.

For those who have concerns regarding certain topics in the curriculum, the Dover Board Policy includes the following statement:

*"Any pupil whose parent or guardian presents to the school principal a signed statement that any part of the instruction in family life education is in conflict with his or her conscience or sincerely held religious or moral beliefs shall be excused from that portion of the course where such instruction is being given; no such pupil shall be penalized by loss of credit or denial of a diploma otherwise earned."*

**PHYSICAL EDUCATION 9/HEALTH I - FAMILY LIFE**                      **Grade 9**                      **5 credits**  
Health I is a required course for all 9th grade students. Students study a variety of topics including birth control methods, domestic violence, dating violence, sexuality, adolescent anatomy/physiology, and pregnancy/childbirth.

**PHYSICAL EDUCATION 10/DRIVER EDUCATION THEORY**    **Grade 10**                      **5 credits**  
This required course meets daily for one marking period. Proper driving attitudes, driving skills, knowledge of laws, car maintenance and other related topics are covered. The state written driver test is given as a final exam.

**PHYSICAL EDUCATION 11/HEALTH II/FAMILY LIFE**                      **Grades 11-12**                      **5 credits**  
Health II is a required course and will be completed during the junior or senior year. The units of study include: cancer education, heart, blood and circulation, venereal and other communicable diseases, including Aids education.

**PHYSICAL EDUCATION 12/ FIRST AID/FAMILY LIFE**                      **Grades 11-12**                      **5 credits**  
First Aid is a required course and will be completed during the junior or senior years. The course is similar to the standard American Red Cross First Aid course. Modern first aid principles are covered with the emphasis on prevention. Practical experience is offered whenever possible through the use of special teaching devices. Areas of concentration include: poisoning, bleeding, and breathing difficulties. Also covered are burns, broken bones, shock, and common emergencies.

**EXERCISE/SPORTS AND SOCIETY: TECH-DRIVEN INTERSECTION NAVIGATION**    **Grades 11-12**                      **2.5 credits**  
This course explores the historical evolution and contemporary impact of technology on sports and exercise. From the advent of television to cutting-edge innovations like wearable tech and virtual reality, students delve into how technology has transformed athlete training, fan engagement, and the business of sports. The course addresses societal implications, such as ethical concerns in data use and the influence of technology on inclusivity. Students also examine emerging trends like social media, e-sports, and gamification, gaining a comprehensive understanding of the dynamic relationship between sports, society, and technology. Assessment methods include research projects, presentations, and discussions, preparing students to navigate this evolving intersection in their future endeavors. This half year course will meet daily for two marking periods, and it will be paired with HOW SPORTS EXPLAIN THE WORLD: THE HISTORY OF SPORT.

**PURSUIT OF FITNESS AND NUTRITION**                      **Grades 9-12**                      **5 credits**  
The goal of the course is to introduce students to fitness and nutrition encompassing a multitude of perspectives. Students will engage in an array of physical fitness training techniques and innovative nutritional concepts to be prepared for the 21<sup>st</sup> century work environment. The course will explore topics related to nutrition, physical fitness, stress management; as well as the information and skills necessary for making informed and healthful decisions to promote wellness. The full year course will meet daily, two days per week in the classroom setting and three times per week in the gymnasium/wellness center setting.

## **SOCIAL STUDIES DEPARTMENT**

The Social Studies Department offers a combination of required and elective courses to satisfy the needs of all students. United States History I and II are required courses in the 9th and 10th grades. World History and Cultures is an 11th grade requirement. All other courses are offered on an elective basis so that students interested in the social sciences have the opportunity to develop and broaden their interests in fields such as economics, psychology, sociology, government, and law. Students continue to develop their reading,

writing and research skills. Emphasis is placed on the development of oral communication skills through reports and discussion of various student research projects.

### **REQUIRED COURSES: US HISTORY I, US HISTORY II, AND WORLD HISTORY**

#### **U.S. HISTORY I                      Grade 9    5 credits**

**This course meets the graduation requirement for U.S. History I.**

U.S. History I begins with the “Age of Jackson” and traces the development of America through World War I. This course is taught with a chronological and topical approach. The topics of instruction include the antebellum period, The Civil War, Reconstruction, the Industrial Revolution, the Progressive Era, and World War I. An emphasis is placed on current issues and events of significance in our contemporary society. Students are expected to demonstrate their knowledge of the above topics by successfully completing assigned essays, critical readings and other special projects, along with general Social Studies Department course proficiencies and requirements.

#### **U.S. HISTORY I HONORS                      Grade 9    5 credits**

**This course meets the graduation requirement for U.S. History I.**

**Prerequisite:** Teacher Recommendation and qualifying grades of an 80 in G&T US History or a 90 in US History

The Honors U.S. History I course is designed to provide qualified students with a very challenging and in-depth study of American history. In addition to the standard course topics, students will study events and movements in our history by employing a chronological approach. Students will prepare for the Advanced Placement United States History course.

#### **ML U.S. HISTORY I                      Grades 9-11    5 credits**

**This course meets the graduation requirement for U.S. History I.**

ML U.S. History I fulfills the requirement for our English language learners who are enrolled in the ML program. Students enrolled in the course study the United States History I curriculum in addition to examining contemporary issues.

#### **FUNDAMENTAL U.S. HISTORY I                      Grades 9-10    5 credits**

**This course meets the graduation requirement for U.S. History I.**

Fundamental U.S. History I is designed to introduce students to major thematic units in United States history such as geography, government, exploration, Native Americans, enslavement, and immigration. Emphasis is placed on integrating literacy into history by analyzing primary and secondary source documents.

#### **U.S. HISTORY II                      Grade 10    5 credits**

**This course meets the graduation requirement for U.S. History II.**

**Prerequisite:** *U.S. History I*

U.S. History II examines American history from the 1920s until the Vietnam War. Students will analyze the Roaring Twenties, the Great Depression and the New Deal, World War II, the Cold War, the Civil Rights Movement, and the Vietnam War. In addition to general department proficiencies, students are expected to satisfactorily complete all essays, projects and activities assigned to them in each class.

#### **U.S. HISTORY II HONORS                      Grade 10    5 credits**

**This course meets the graduation requirement for U.S. History II.**

**Prerequisite:** *U.S. History I, teacher recommendation, 80 or above in US History I H, 90 or above in US History I*

U.S. History II Honors examines American history with a more in-depth approach from the 1920s until the Vietnam War. Students will analyze the Roaring Twenties, the Great Depression and the New Deal, World War II, the Cold War, the Civil Rights Movement, and the Vietnam War. In addition to general department proficiencies, students are expected to satisfactorily complete all essays, projects and activities assigned to them in each class.

#### **ML U.S. HISTORY II                      Grades 10-12    5 credits**

**This course meets the graduation requirement for U.S. History II.**

**Prerequisite:** ML US History I

ELL US History II fulfills the U.S. History II requirement for our English language learners who are enrolled in the ML program. Students enrolled in the course study the United States History II curriculum in addition to examining contemporary issues.

**AP UNITED STATES HISTORY**                      **Grade 10**                      **5 credits**

**This course meets the graduation requirement for U.S. History II.**

***Prerequisite: Successful completion of US History I Honors with a final grade of 80 or above or US History I with a final grade of 90 or above; teacher/department supervisor recommendation and completion of mandatory summer assignment.***

AP United States History is offered as an honors level course to qualified sophomores who wish to pursue an in-depth study of American history and literature. Students will engage in college level research and writing projects on selected topics and themes in consultation with their instructor. Students will present their research in a seminar environment conducive to the further development of their critical thinking and communication skills. This course fulfills the requirement for the United States History II requirement.

**WORLD HISTORY AND CULTURES**                      **Grade 11**                      **5 credits**

**This course meets the graduation requirement for World History.**

World History and Cultures is a required social studies course. The purpose of this course is to prepare students to be citizens in our global society. The course will focus on helping students understand the complexities and diversities of today's world. Special emphasis will be placed on Latin America, the Soviet Union, Asia, Africa, the Middle East and the United States. Students are expected to demonstrate their knowledge of the history, geography and cultural backgrounds of the people living in these major regions of the world. They are expected to demonstrate an understanding of the customs and social institutions of the people of these regions and of their respective relationships with the United States. Proficiency will be evaluated through assigned projects, tests and written/oral communication in class.

**WORLD HISTORY AND CULTURES HONORS**                      **Grade 11**                      **5 credits**

**This course meets the graduation requirement for World History.**

***Prerequisite: Teacher recommendation and final grade of an 90 or above in US History II or 80 or above in US History II H or AP US History***

World History and Cultures Honors is designed to provide qualified students with a very challenging and in-depth study of world history. In addition to the standard course topics, students will study events and movements in world history by employing a chronological approach.

**ML WORLD HISTORY AND CULTURES**                      **Grade 11**                      **5 credits**

**This course meets the graduation requirement for World History.**

ML World History fulfills the World History requirement for our English language learners who are enrolled in the ML program. World History and Cultures is a required social studies course. The purpose of this course is to prepare students to be citizens in our global society. The course will focus on helping students understand the complexities and diversities of today's world. Special emphasis will be placed on Latin America, the Soviet Union, Asia, Africa, the Middle East and the United States. Students are expected to demonstrate their knowledge of the history, geography and cultural backgrounds of the people living in these major regions of the world. They are expected to demonstrate an understanding of the customs and social institutions of the people of these regions and of their respective relationships with the United States. Proficiency will be evaluated through assigned projects, tests and written/oral communication in class.

**AP WORLD HISTORY**                      **Grades 11&12**                      **5 credits**

**This course meets the graduation requirement for World History.**

***Prerequisite: Successful completion of AP US History or US History II Honors with a final grade of 80 or above, or US History II with a final grade of 90 or above; teacher/department supervisor recommendation and completion of mandatory summer assignment.***

This course examines history through a world lens rather than from a strictly European approach. The course content is structured around the investigation of five course themes and 19 key concepts in six different chronological periods, from approximately 8000 B.C.E. to the present. Themes include interaction between humans and the environment; development and interaction of cultures, state building, expansion, and conflict; creation, expansion, and interaction of economic systems; and development and transformation of social structures. Teacher recommendation is required for placement.

**SOCIAL STUDIES ELECTIVES**

**AP AFRICAN AMERICAN STUDIES**                      **Grades 11- 12**                      **5 credits**

***Prerequisite: Successful completion of AP US History or US History II Honors with a final grade of 80 or above or US History II with a final grade of 90 or above; teacher/department supervisor recommendation and completion of mandatory summer assignment.***

AP African American Studies is an interdisciplinary course that draws from a variety of fields—history, literature, the arts, geography,

science—to explore the vital contributions and experiences of African Americans, from ancient African societies to the present.

#### **AP GOVERNMENT & POLITICS: UNITED STATES      Grades 10-12**

**5 credits**

***Prerequisite: Successful completion of US History I Honors with a final grade of 80 or above or US History I with a final grade of 90 or above; teacher/department supervisor recommendation and completion of mandatory summer assignment.***

This course is intended to prepare students for the Advanced Placement United States Government and Politics exam, providing students with an analytical perspective on government and politics in the United States. Students will become acquainted with the variety of theoretical perspectives and explanations for the various behaviors and outcomes as well as the institutions, groups, beliefs, and ideas that constitute United States politics.

#### **AP MICROECONOMICS AND AP MACROECONOMICS      Grades 11- 12**

**5 credits**

**This course meets the graduation requirement for Personal Finance.**

***Prerequisite: Successful completion of Algebra with a grade of 90 or above, Algebra Honors with an 80 or above, AP US History or US History II Honors with a final grade of 80 or above, or US History II with a final grade of 90 or above; qualifying ELA and math assessment scores; teacher/department supervisor recommendation and completion of mandatory summer assignment.***

Economics is a course designed to educate students on the foundational concepts of economics as it relates to them as citizens of the United States and the world. The course will relate current events topics to traditional economic fundamentals. Areas of study will include microeconomic principles, economic systems, the role of businesses, the role of government, organized labor and the economy, the federal budget, global economics, and future economic challenges. The course will prepare students for the Advanced Placement exams in Microeconomics and Macroeconomics.

#### **AP PSYCHOLOGY      Grades 11-12**

**5 credits**

***Prerequisite: Teacher or department supervisor recommendation and completion of mandatory summer assignment.***

This course is offered to qualified students who wish to pursue in-depth studies into the behavior and mental processes of human beings and other animals. Students will be exposed to the psychological facts, principles, and phenomena associated with each of the major sub-fields within psychology. They will also learn about the methods psychologists use in their science and practice. This course will prepare students for the AP Psychology Exam.

#### **AP RESEARCH      Grade 12**

**5 credits**

***Prerequisite: Successful completion of AP Seminar with a grade of 80 or above. A teacher recommendation is required***

This course allows students to deeply explore an academic topic, problem, or issue of individual interest. Through this exploration, students design, plan and conduct a year-long research based investigation to address a research question. In AP Research, students further their skills acquired in the AP Seminar course by understanding research methodology; employing ethical research practices; and assessing, analyzing, and synthesizing information as they address a research question. Students explore their skill development, document their processes, and curate the artifacts of the development of their scholarly work in a portfolio. The course culminates in an academic paper of 4000-5000 words (accompanied by a performance or exhibition of product where applicable) and a presentation with an oral defense.

#### **AP SEMINAR      Grade 10**

**5 credits**

***Prerequisite: Successful completion of US History I Honors with a final grade of 80 or above or US History I with a final grade of 90 or above; English I Honors with a final grade of 80 or above or English I final grade of 90 or above; qualifying ELA assessment score; AP Capstone application. A teacher recommendation is required to request this course.***

This course engages students in cross-curricular conversations that explore the complexities of academic and real-world topics and issues by analyzing divergent perspectives. Using an inquiry framework, students practice reading and analyzing articles, research studies, and foundational literary and philosophical texts; listening to and viewing speeches, broadcasts, and personal accounts; and experiencing artistic works and performances. Students learn to synthesize information from multiple sources, develop their own perspectives in research based written essays, and design and deliver oral and visual presentations, both individually and as part of a team. Ultimately, the course aims to equip students with the power to analyze and evaluate information with accuracy and precision in order to craft and communicate evidence-based arguments.

#### **CRIMINAL JUSTICE      Grades 11-12**

**2.5 credits**

***Prerequisite: Completion of US History I and US History II***

This course will expose students to many aspects of the criminal justice system including federal and state law, law enforcement, criminal forensics, court and jail systems, and private sector security. Students will be involved in activities intended to promote individual leadership skills, career exploration, occupational skills awareness, and critical thinking.

#### **FORENSIC PSYCHOLOGY      Grades 11-12**

**2.5 credits**

***Prerequisite: Completion of US History I and US History II***

This course explores the combination of psychology and law with an emphasis on forensic psychology. Careers in the field of psychology are discussed, as well as eyewitness testimony, psychopathy, profiling, repressed memories, the insanity defense and lie detection.

**HOLOCAUST AND GENOCIDE STUDIES      Grades 11-12**

**2.5 credits**

***Prerequisite: Completion of US History I and US History II***

The course will allow students to gain exposure to past atrocities and learn how to prevent such events from happening in the future. Students will examine and discuss the warning signs for genocide according to the United Nations. The class will analyze topics such as prejudice, genocide, the rise of nazism in Germany, examples of genocide in other countries, modern day genocides and the legacy of the Holocaust.

**HOW SPORTS EXPLAIN THE WORLD: THE HISTORY OF SPORT\*      Grades 10-12**

**2.5 credits**

***Prerequisite: Completion of US History I and concurrent enrollment in US History II***

Sports are a reflection of the politics, ethical issues, economics and contemporary issues that exist in the U.S. and around the world. This course will aim to prove how sports affect, have been affected, and reflect social, political, economic, and moral issues through current events, literature, primary resources, and presentations from those involved in sports and the issues surrounding their sport. This class will cover sports over the course of different eras, from ancient times up until modern day. We will emphasize their impact and role in society, and how sports are reflective of society through different lenses.

**ML HISTORY AND LITERATURE THROUGH FILM      Grades 9-12**

**5 credits**

***Prerequisite: Beginner & Intermediate ESL***

This course is an ML elective in which students will analyze four major historical time periods in America according to a piece of literature and a corresponding film. All literature texts are available in either English or Spanish. Students will then examine the history of Latin America during each historical time period. As a summative assessment, students will create either an iMovie or a digital newspaper regarding each unit.

**ML HUMAN BEHAVIOR      Grades 9-12**

**5 credits**

***Prerequisite: Beginner & Intermediate ESL***

Students will explore human behavior through four major concepts: human needs, perception, self-image and coping, and behavior decision making. Students will examine topics such as human development, personality, learning, gender roles, consciousness, therapy, and emotional growth. Students will study behavioral problems of the individual, along with social problems that affect adolescence. The course will explore interactions between individuals, families, and their relationship to the social environment. Students are required to engage in a final project, which will demonstrate enhanced understanding of a specific topic in the field of psychology.

**MODERN US HISTORY      Grades 11-12**

**5 credits**

***Prerequisite: Completion of US History I and US History II***

Modern US History is an elective course for students who have completed US History I and US History II. Students will examine United States history in-depth from the Vietnam War through the present day according to social, economic, political, geographic, cultural, and political lenses. Topics will include: the Vietnam War, Watergate, the Iran Hostage Crisis, the Cold War, the Gulf War, the Internet, natural disasters, terrorism, and the financial crisis in 2008. Specific emphasis will be placed on discussing current events, human rights, and infusing technology into the curriculum.

**PSYCHOLOGY      Grades 11-12**

**5 credits**

***Prerequisite: Completion of US History I and US History II***

Psychology is the study of mental processes and observable behavior. Units that students will examine include research methods, the human brain, sensation and perception, consciousness, conditioning and learning, intelligence, mental illnesses, treatment, personality, and social psychology. Students will be required to complete a final project, which will demonstrate a keen understanding of a specific topic in the field of psychology. An oral and media presentation of their project to the class is mandatory along with a written essay.



Students are expected to exhibit an awareness of current issues in Psychology through periodic written reports from current newspapers, magazines, and the Internet.

## **SOCIOLOGY**

**Grades 11-12**

**2.5 credits**

***Prerequisite: Completion of US History I and US History II***

This course introduces students to the field of social theory and social work. The course helps students to understand the nature of human relations and group interaction. Students will study the social evolution of American society along with the development of our social institutions. Special consideration will be given to analysis and discussion of contemporary social problems in American life. Students will be expected to demonstrate an understanding of and an ability to employ scientific research methods in the written preparation and oral presentation of a final project on a topic of social significance.

## **THE HISTORY OF FOOD THROUGHOUT THE WORLD AND THE UNITED STATES**

**Grades 10-12**

**5 credits**

***Prerequisite: United States History I, United States History II, and enrollment in World History***

The course embarks on a captivating exploration of the intricate interplay between food and global history, spanning from antiquity to the contemporary world. This course delves into pivotal epochs, with a keen emphasis on transformative moments like the agricultural revolution, the Columbian Exchange, and the era of globalization. Through the lens of food history and culinary cultures, participants will unravel the intricate connections and exchanges that have shaped historical events. The course delves into multifaceted issues such as empires, migration, race, class, gender, religion, power, identity, and environmental impact, providing a holistic understanding of the world's evolution.

## **WORLD LANGUAGES DEPARTMENT**

Language and communication are the heart of the human experience. Dover High School recognizes that we must educate students who are equipped linguistically and culturally to communicate successfully in a pluralistic American society and abroad. Therefore, it is our goal to provide all of our students with the opportunity to develop and maintain proficiency in English and at least one other language. To meet this challenge, we offer a variety of world languages and provide a comprehensive ESL program for our English language learners. In addition to our four-year programs of Spanish and French we have developed an extensive program in Spanish Language Arts to improve and strengthen the language skills of students who are native speakers of the Spanish language. Moreover, the World Language Department is recognizing bilingual students by identifying eligible students to receive the State Seal of Biliteracy. The State Seal of Biliteracy was established to recognize high school graduates who have attained a high level of proficiency in speaking, reading, listening and writing in one or more world languages, in addition to English:

- Promote the study of languages
- Certify student attainment of biliteracy
- Provide universities with a method to award academic credit and determine course placement

Requirements:

- Demonstrate proficiency in English by meeting high school graduation requirements via the NJSLA ELA assessment or its alternatives.

or

- Achieve scores of 4 or higher in each domain of the ACCESS for ELLs in Tier B or C.

and

- Achieving a score of 4 or higher on the AP Spanish Language & Culture examination during Junior year.

## **FRENCH I**

**Grades 9-12**

**5 credits**

***This course meets the graduation requirements for World Languages***

French 1 is an introductory-level course designed for students with little to no prior knowledge of the French language. Through interactive lessons, engaging activities, and practical exercises, students will develop fundamental skills in speaking, listening, reading, and writing in French.

## **FRENCH II**

**Grades 10-12**

**5 credits**

***This course meets the graduation requirements for World Languages***

***Prerequisite: Successful completion of French I***

In French 2, students will build on the foundational skills acquired in French 1, focusing on enhancing their conversational ability, vocabulary, and comprehension skills. The course emphasizes practical language use, enabling students to engage in more complex

dialogues, describe daily routines, discuss past events, and express future plans. Students will deepen their understanding of French-speaking cultures and develop listening, speaking, reading, and writing skills through interactive activities, projects, and authentic materials.

### **SPANISH I, II, & III**

**Grades 9-12**

**5 credits**

*This course meets the graduation requirements for World Languages*

In Level I and II classes, students will achieve the novice to intermediate learner range indicators outlined in the NJ Core Curriculum Content Standards for World Languages. Content will include such topics as: family, home, health, school, geography, directions, travel and professions. In Level III classes, students will achieve the Intermediate to Pre-Advanced learner range indicators outlined in the NJ Core Curriculum Content Standards for World Languages. Content will include topics of broader cultural significance including the education system, the government, current affairs, and social issues. In addition, topics of social and personal interest such as music, literature, the arts, and the sciences will be included.

### **SPANISH HERITAGE I & II**

**Grades 9-12**

**5 credits**

*This course meets the graduation requirements for World Languages*

**Prerequisite:** *Assessment by teacher or World Language Supervisor*

This two-year program is designed to meet the needs of heritage and native speakers of Spanish. Emphasis is placed on academic language and communication skills, reading comprehension of literary works representative of Spain and Latin America, and appreciation of the Hispanic world, including its geography, history and culture.

### **SPANISH LANGUAGE ARTS I & II HONORS**

**Grades 9-12**

**5 credits**

*This course meets the graduation requirements for World Languages*

**Prerequisite:** *Assessment by teacher or World Language Supervisor*

These courses are open to native Spanish speaking students who desire a more serious and challenging study of the Spanish language and literature. Participants will be prepared for the AP Spanish Language Exam taken the third year of study and the AP Spanish Literature Exam taken the fourth year.

### **SPANISH III HONORS**

**Grades 10-12**

**5 credits**

*This course meets the graduation requirements for World Languages*

**Prerequisite:** *Successful completion of Spanish II Honors, Spanish II, or Spanish Heritage II with a grade of 80 or higher*

These courses are designed for students who desire a more serious and challenging study of the language. Students will be prepared for the AP Spanish Language Exam given in the fourth year of study.

### **AP SPANISH LANGUAGE & CULTURE**

**Grades 10- 12**

**5 credits**

*This course meets the graduation requirements for World Languages*

**Prerequisite:** *Successful completion of Spanish Language Arts II Honors or Spanish III Honors with a grade of 80 or higher, or Spanish Heritage II with a grade of 90 or higher, teacher or department supervisor recommendation and completion of mandatory summer assignment.*

Open to students who desire a serious and challenging study of language, this course is designed to prepare participants for the AP Spanish Language Exam offered by the College Board in the spring. Emphasis is placed on proficiency in the areas of reading, writing, listening, and speaking. Acquisition of grammar, vocabulary, and reading skills is acquired through various resources.

### **AP SPANISH LITERATURE**

**Grades 11-12**

**5 credits**

*This course meets the graduation requirements for World Languages*

**Prerequisite:** *Successful completion of AP Spanish Language and Culture obtaining a grade of 80 or higher, teacher or department supervisor recommendation and completion of mandatory summer assignment.*

This course is a continuation of Spanish Language Arts III (Honors). It is for highly motivated students who will read and analyze authentic editions of works representative of the Spanish-speaking world. College bound participants will be prepared to take the AP Spanish Literature Exam in the spring.

### **FUNDAMENTAL ENGLISH AS A SECOND LANGUAGE (ESL)**

**Grades 9-12**

**5 credits**

*This course meets the graduation requirements for either English Language Arts or World Languages*

**Co-requisite:** *Fundamental Symposium*

This course is designed for Students with Limited or Interrupted Formal Education (SLIFE). This course will provide students with foundational conversation and academic English language. The course would be aligned to WIDA Standards as well as appropriate content standards (NJSLs). Some of the skills/strategies that would be incorporated into

the curriculum would be: Reading strategies, Independent learning strategies, Study skills and strategies, Note-taking skills and strategies, Technology skills, and Collaboration and group-work skills. To accommodate students at the different proficiency levels, the WIDA Performance Indicators and the Can Do Descriptors will provide ESL and content teachers with specific examples of tasks and expectations for particular grade levels that are suitable for students at each proficiency level.

## **FUNDAMENTAL SYMPOSIUM**

**Grades 9-12**

**5 credits**

*This course meets the graduation requirements for either English Language Arts or World Languages*

**Co-requisite: Fundamental ESL**

This course is designed for Students with Limited or Interrupted Formal Education (SLIFE). This course will provide students with **foundational reading, writing, listening and speaking** for the English Language. The course would be aligned to WIDA Standards as well as appropriate content standards (NJSLs). Some of the skills/strategies that would be incorporated into the curriculum would be: Grammar for Writing, Vocabulary and Spelling, Sentence Structure, Reading strategies, Independent learning strategies, Study skills and strategies, Note-taking skills and strategies, Technology skills, and Collaboration and group-work skills. To accommodate students at the different proficiency levels, the WIDA Performance Indicators and the Can Do Descriptors will provide ESL and content teachers with specific examples of tasks and expectations for particular grade levels that are suitable for students at each proficiency level.

## **BEGINNER ENGLISH AS A SECOND LANGUAGE (ESL)**

**Grades 9-12**

**5 credits**

*This course meets the graduation requirements for either English Language Arts or World Languages*

**Prerequisite: Based on Results of English Proficiency Test and Grades**

**Co-requisite: Beginner Symposium**

This course introduces the student with little or no English proficiency to the English language and culture. Major emphasis is on speaking, listening, reading, and writing skills. Units support student development and expansion of language skills by reinforcing vocabulary used throughout the bilingual curriculum.

## **INTERMEDIATE ENGLISH AS A SECOND LANGUAGE (ESL)**

**Grades 9-12**

**5 credits**

*This course meets the graduation requirements for either English Language Arts or World Languages*

**Prerequisite: Based on Results of English Proficiency Test and Grades**

**Co-requisite: Intermediate Symposium**

This course provides a more in-depth study of the English language and culture. More emphasis is placed on speaking, listening, reading, writing, and vocabulary development.

## **ADVANCED ENGLISH AS A SECOND LANGUAGE (ESL)**

**Grades 9-12**

**5 credits**

*This course meets the graduation requirements for either English Language Arts or World Languages*

**Prerequisite: Based on Results of the English Proficiency Test and Grades**

**Co-requisite: Advanced Symposium**

These courses are designed for Multilingual learners who have achieved an advanced level of English proficiency. Emphasis is on speaking, listening, reading, and writing fluency in the language.

## **ML ENGLISH**

**Grades 9-12**

**5 credits**

*This course meets the graduation requirements for either English Language Arts or World Languages*

**Prerequisite: Based on Results of the English Proficiency Test, Grades**

This course is designed to challenge and prepare Multilingual Learners (ML) at an advanced level of proficiency for mainstream English classes. An emphasis will be placed on reading, analyzing various genres of literature, producing essays, and researching documents.

## **BEGINNER SYMPOSIUM, INTERMEDIATE SYMPOSIUM, AND ADVANCED SYMPOSIUM**

**Grades 9-12**

**5 credits**

*This course meets the graduation requirements for either English Language Arts or World Languages*

**Prerequisite: Based on Results of the English Proficiency Test, successful completion of prior level of symposium**

**Co-requisite: Beginner ESL, Intermediate ESL, or Advanced ESL**

These courses are designed to supplement the curricula of ESL I, II, and III courses. Emphasis is placed on reading and writing skills with a focus on vocabulary from the various content areas of science, math, social studies, and language arts. Applied language

strategies and skills needed to be successful on the NJSLA assessments are introduced at appropriate various reading levels. A focus on acquiring these skills while emphasizing the use of technology will be a key component of this course.