

Buena Regional High School



PROGRAM OF STUDIES 2026-2027

125 Weymouth Road
Buena, NJ 08310
PHONE: 856-697-2400
Buena BOE Approval 1/20/26

BUENA REGIONAL SCHOOL DISTRICT ADMINISTRATION

Mr. David Salvo, Interim Superintendent of Schools
Mrs. Jessica Waddington, Director of Curriculum & Instruction
Mrs. Dawn Leary, Business Administrator
Mr. Doug Foglein, Athletic Director & Supervisor of Health Services
Mrs. Jennifer Clune, Supervisor of Special Education
Mrs. Abigale Begley, Supervisor of Elementary Education

BUENA REGIONAL HIGH SCHOOL ADMINISTRATION

Mrs. Karen Cavaleri, Principal
Mr. Todd Warker, Vice Principal
Mr. Doug Foglein, Athletic Director/Vice Principal

SCHOOL COUNSELING DEPARTMENT

Mr. Andrew Lysk, School Counselor (A-L)
Mrs. Shana Deininger, School Counselor (M-Z)
Ms. Melissa Padilla, Student Assistance Coordinator
Mrs. Kim Pierotti, School Counseling Secretary

CHILD STUDY TEAM

Mrs. Stephanie Calkin, School Psychologist



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INTRODUCTION

Dear Students and Families,

Here at Buena Regional High School, we stress the importance of embracing the opportunities offered to our students during their four years of high school. Our goal is to inspire students to challenge themselves academically while pursuing their interests and giving back to the community.

Our small school setting offers a variety of academic and elective programs, while promoting a community atmosphere where students and staff can build meaningful and productive relationships. We currently offer 16 Advance Placement (AP) courses, 18 honors level courses, and over 70 electives across various departments. Each year, we offer courses approved to earn college credit through Articulation and Dual Credit Agreements with local colleges. This broad range of opportunities allows students to explore various interests or focus on specific career and/or college pathways.

In addition to our academic offerings, our students have the opportunity to participate in a wide variety of extracurricular activities including over 20 clubs and 19 varsity level sports programs. Our belief is that experiences outside of the classroom complete and enhance the overall high school experience.

This Program of Studies has been prepared to provide you with information and guidance in planning for your child's high school experience. One of the most important decisions that a student will make during his/her high school career is selecting appropriate courses. Whether planning to attend a two or four year college/university, vocational/technical school, pursue a career in the military, or seek meaningful employment, Buena's family of teachers and counselors will work collaboratively with you to develop a plan aligned with your child's goals.

Please review this document with your child to guide you through the course selection process. Course offerings do vary from year to year based upon student enrollment. We are here to help you through this process. If you require any assistance, please contact the School Counseling Office at (856) 697-2400.

Sincerely,



Mrs. Karen Cavalieri
BRHS Principal



MISSION STATEMENT

The mission of the Buena Regional School District School Counseling Department is to provide a comprehensive and developmentally appropriate counseling program to address our students' academic and career goals in addition to supporting their personal/social needs. In doing so, we embrace collaboration with parents/guardians, teachers, administration, and community members to provide all students with the tools they need to become successful, socially responsible citizens, and lifelong learners in a diverse and ever-changing world.

BUENA REGIONAL HIGH SCHOOL GRADUATION REQUIREMENTS

ENGLISH	20 Credits (English I, II, III, IV)
MATHEMATICS	15 Credits (Algebra I and Geometry; Third course must build on the concepts of Algebra & Geometry)
SCIENCE	15 Credits (Lab sciences including Biology, 1 Science in Chemistry, Physics, or Earth Space and Environmental, and 1 additional Laboratory Science)
SOCIAL STUDIES	15 Credits (World History, US History I and II)
FINANCIAL, ECONOMIC, BUSINESS, AND ENTREPRENEURIAL BUSINESS LITERACY	2.5 Credits (Financial Literacy)
HEALTH, SAFETY, AND PHYSICAL EDUCATION	20 Credits (Minimum; must take PE every year of enrollment)
VISUAL(FINE) AND PERFORMING ARTS	5 Credits (Art, Graphic Arts, Studio Production, and/or Music courses as indicated in booklet)
WORLD LANGUAGES	5 Credits
21st CENTURY LIFE AND CAREERS	5 Credits (Any career designated course as indicated in booklet)
TOTAL CREDITS	120 Credits for Graduation

**New Graduation Requirement: Completion of the Free Application for Federal Student Aid (FAFSA) or Opt-Out Waiver [FAFSA-for NJ Graduation](#)

STATE ASSESSMENT REQUIREMENTS (Pending NJDOE Adjustments)

On September 8, 2021, the State Board of Education adopted new graduation assessment requirements for all high school students. Students take the New Jersey Graduation Proficiency Assessment in grade 11. The assessment will be aligned to New Jersey Student Learning Standards (NJSLS) for grade 10 ELA, Algebra I, and Geometry. Students who do not demonstrate proficiency on the ELA and/or Mathematics sections must comply with the following steps:

- Retake the New Jersey Graduation Proficiency Assessment the following summer or the following fall;
- Meet a designated cut score from the menu of alternative assessments; or
- Complete a portfolio appeal.

More information regarding NJ State graduation and assessment requirements can be found at:
[NJ Department of Education](#)

PROMOTION AND GRADING

GRADE LEVEL PROMOTIONS

- To advance from Freshman to Sophomore status- students must earn 30 credits
- To advance from Sophomore to Junior status- students earned 55 cumulative credits
- To advance from Junior to Senior status-students earned 80 cumulative credits

COURSE GRADING AND WEIGHTING SYSTEM

Students earn quality points for the following grades (A=4, B=3, C=2, D=1). Additionally, courses are weighted according to level of difficulty. Honors courses are given an additional half-weight (0.5) and advanced placement courses carry an additional full-weight (1.0). College preparatory courses are unweighted.

90-100	A
80-89	B
70-79	C
60-69	D
59-0	F

GRADE POINT AVERAGE/RANK

A student's Grade Point Average (GPA) consists of the average of quality points earned from completed coursework. Weighted GPA includes the additional quality points achieved for course level of difficulty, whereas Unweighted GPA does not. Class rank refers to a student's academic position/standing amongst his/her peers. Class Rank is calculated based upon the Weighted GPA. This ranking system is primarily used for college and scholarship applications. It is important to note that seniors in the top 15% of their class are eligible to receive the state-funded, New Jersey Stars Scholarship, which provides full tuition at the local community college.

INSTRUCTIONAL LEVELS

Instruction in the core courses of English, Mathematics, Science, and Social Studies is offered at the College Preparatory (CP), Honors (HN), and Advanced Placement (AP) levels. Student eligibility for each of these levels is determined by multiple measures of data including: grades, test scores, input from teachers and school counselors, as well as consideration given to parent/student requests.

COLLEGE PREPARATORY (CP)

The College Preparatory program is designed as the standard level of instruction for students intending to apply to accredited four-year colleges, two-year colleges and/or the world of work. The curriculum prepares students for expectations in higher education including, but not limited to: essay exams and research papers.

HONORS (HN)

Honors courses are designed to provide in-depth investigation into a particular subject area. Expanded reading assignments, research activities, and independent projects will occupy a major portion of the course. Additional grade weights apply to these courses, as described in the grading section.

ADVANCED PLACEMENT (AP)

Advanced Placement courses are designed to provide highly motivated and self-disciplined students with intense instruction in a challenging learning environment. These courses are equivalent to the demands of college level courses. Summer projects may also be required and additional grade weights apply to these courses, as described in the grading section.

SPECIAL EDUCATION

The Buena Regional High School recognizes that Students with Disabilities require specialized instruction based upon their abilities, interests, and needs as specified in their Individualized Education Plans (IEP). Students will be scheduled into the appropriate courses in accordance with their IEP. Every effort is made to ensure all Students with Disabilities are educated in the least restrictive and most appropriate learning environment. Every Student with Disabilities is provided with the opportunity to be included within the General Education program, in accordance with his/her IEP, to enhance their academic and social/emotional growth.

SEAL OF BILITERACY

The New Jersey State Seal of Biliteracy is an award given by the New Jersey Department of Education (NJDOE) in recognition of students who have studied and attained proficiency in at least one language in addition to English by high school graduation. By achieving the Seal of Biliteracy Award, students demonstrate that they are

able to speak, read, listen and write in two or more languages at a high level of proficiency. In order for students to be eligible to receive the Seal of Biliteracy, they must meet certain criteria:

- Students must demonstrate a proficiency level of Intermediate-Mid in a World Language in all four domains of language.
- Students must demonstrate proficiency in English by meeting State high school graduation requirements in English or its alternatives, including through State ELA assessments.

FOUR YEAR PLANNING GUIDE

To help you plan your four year academic path, please review this Program of Studies and use the hyperlinked resources and tools herein to guide you as you decide which classes to take. The first tool is a [Course Sequence Guide](#) that will help you select the appropriate sequential order for your core courses. The second is a Four Year Planning Tool to help you record the courses you desire to take over the next four years of high school. Both tools should be used in collaboration with your parents and school counselor.



SCHEDULING PROCESS

The master schedule is developed after considering all student course requests made in January-March. There is always the possibility that certain courses will not be available due to heavy demand. Additionally, a course may not run due to lack of student interest. We understand that students' interests and needs change.

DROP/ADD PERIODS AND PROCESS

1. Students may make changes in original course requests through the last day of school.
2. Schedules for the school year are released mid August.
3. The Drop/Add Period will run the first full week of school. Drop/Add Forms may be obtained in the School Counseling Office. Following the close of the school year, students may request a Drop/Add Form from the School Counseling Department. All Drop/Add Forms require both student and parent/guardian signature. All requests for course changes must be submitted to the student's

school counselor by the end date of the Drop/Add Period. Criteria considered for changes during the Drop/Add Period are:

- The student failed the course previously with the assigned teacher.
 - The student did not select the course assigned during the course request period.
 - Extenuating circumstances only if approved by the Principal.
4. After the Drop/Add Period, only changes in course level will be considered (i.e. moving from an honors course to a college prep course). Course level change requests will only be considered at the end of the first interim period in which the student was enrolled in the course.

LEVEL CHANGE REQUEST PROCESS

- Requests must come from the student via the Drop/Add Form and include a parent/guardian signature. No requests will be approved without administrative approval following the receipt of teacher input.
- Level changes may be submitted at the end of the first interim period in which the student has been enrolled in a course.

ADDITIONAL REQUIREMENTS

Any student who fails a required course must pass the course prior to graduation. Students may enroll in a maximum of two summer school courses through our online course recovery program. Our district does not offer a free summer school program. Therefore, payment for the online course recovery program is the responsibility of the family.

SENIOR RELEASE

Seniors in good academic standing at Buena Regional High School may apply for Senior Release, allowing them to leave school early. Students eligible for this privilege may use it as an opportunity to gain part-time employment or enroll in an alternative learning program. Eligible students must sign out of school each day, exit through the main entrance, and are responsible for their own transportation. A transportation release form must be signed by a parent/guardian and placed on file in the main office. Failure to adhere to the above criteria may result in the termination of these privileges.

PATHWAYS TO COLLEGE

ADVANCED PLACEMENT COURSES

Advanced Placement (AP) courses resemble first-year college courses and are part of the student's high school curriculum. Students must register for AP exams in November, which are available at a discounted rate. To earn college credit through the AP program, students must take the AP exam for each course in May and score a 3 or higher. [AP Credit Policy](#)

ROWAN HIGH SCHOOL OPTION PROGRAM

The High School Option Program (HSOP) was designed to provide high school students with the opportunity to start taking college courses at a discounted tuition rate from Rowan College of South Jersey's (RCSJ). Completed courses under the HSOP program can be applied to a RCSJ associate degree program or transferred to other institutions of higher education at their discretion. Registration for this program will take place in the school counseling office.

ADDITIONAL DUAL CREDIT & ACCREDITATION OPPORTUNITIES

Students can earn dual credit through partnerships with colleges such as Rowan College at Burlington County and Atlantic Cape Community College, enabling them to gain college credits while still in high school. To participate in this program, students are required to complete a college application or registration. Tuition is offered at a reduced rate, with costs varying by course. It is important to note that the transferability of these credits to other colleges or universities is determined by the receiving institution. A comprehensive list of available Dual Credit opportunities is provided below.

Approved Dual Credit Courses

Atlantic Cape Community College

Honors Spanish III, IV Holocaust & Genocide Studies HN

* Accounting I *Honors Biology

**articulation courses*

Rowan College at Burlington County

AP Statistics Honors Anatomy & Physiology AP Biology

AP Calculus AP European History AP US History I and II

AP English Language AP Chemistry AP Psychology AP English Literature

Rowan College of South Jersey-Cumberland and Gloucester (HSOP)

Rowan High School Option Program

Stockton University

Intro to Graphics 2D Animation Holocaust & Genocide Studies HN

Articulation agreements have been established with the following institutions.

Rutgers University, Delaware Valley University, and SUNY at Cobleskill for the courses below:

Animal Science, Plant Science, Animal & Plant Biotechnology, Food Science & Safety, Floral Design (DVU only)

We are exploring additional credit and articulation opportunities!

ATHLETIC ELIGIBILITY

NJSIAA

The New Jersey State Interscholastic Athletic Association, founded in 1918, is a voluntary, non-profit organization made up of 433 accredited public, private and parochial high schools in the state. The New Jersey State Interscholastic Athletic Association along with the other forty nine State Associations constitutes the National Federation of State High School Associations. This National Association has represented the best interests of high school athletics since 1920, and today represents 22,000 schools, more than 330,000 coaches, and almost 4.5 million high school athletes. As a member school of NJSIAA, students participating in Buena athletics shall comply with eligibility requirements of the association as outlined below:

FIRST SEMESTER ELIGIBILITY

Fall & Winter Sports Eligibility

All ninth graders are academically eligible for the Fall and Winter sports seasons. Students in grades **10, 11 and 12** must earn a minimum of 30 credits during the previous school year to be considered eligible for the following Fall and Winter sports seasons.

SECOND SEMESTER ELIGIBILITY

Spring Sports Eligibility

Students in all grades must earn 15 credits in the first semester (September -January) of the school year to be considered eligible for the Spring sports season.

NATIONAL COLLEGIATE ATHLETIC ASSOCIATION (NCAA)

Student athletes seeking NCAA Division I or Division II college scholarships should register with the [NCAA Eligibility Center](#) during their sophomore year. It is important to note that NCAA schools require college-bound student athletes to successfully pass 16 core courses. Ideally, these courses should include:

- 4 English courses
- 4 Math courses
- 4 Science courses
- 4 Social Studies courses

CAREER PATHWAYS

Students are encouraged to take classes within a given pathway to allow them to tailor their high school career in a specialized area of interest. They can follow one specific pathway or take a variety of courses to create a unique learning experience. Many of the courses listed below also satisfy the New Jersey Department of Education's 21st Century Life and Careers Skills graduation requirement.

Pathway 1: Agriculture & Food

Introduction to Agriculture
Floral Design
Plant Science
Animal Science
Food Science & Safety
Plant & Animal Biotechnology
Veterinary Science and Biotechnology

Pathway 2: Business

Introduction to Business
Social Media Marketing
Financial Literacy
Accounting I, II
Sports & Hospitality Marketing

Pathway 3: Fine & Performing Arts

Introduction to Art
Advanced Art
Ceramics
Advanced Ceramics
AP Studio Art
Theater I, II, Advanced
Studio Production
Technical Theater
Introduction to Dance
Intermediate Dance
Dance Ensemble
Dance Composition
Band/Choir
Modern Music: Cover Band
Advanced Cover Band
Music Theory
Music Appreciation
Music Technology

Pathway 4: Information Technology

Computer Applications
Introduction to Computer Science
AP Principles of Computer Science

Cybersecurity I
Cyber Security II
Artificial Intelligence Foundations

Pathway 5: Health Science

AP Biology
Nutrition & the Human Body
Anatomy & Physiology HN

Pathway 6: Multimedia Design

Introduction to Graphic Arts
Photo Manipulation
Electronic Illustration I, II
2D Animation I, II
Digital Painting
Pixelation Animation

Pathway 7: Aviation

Launching into Aviation
Exploring Aviation & Aerospace
Introduction to Flight
Aircraft Systems & Performance
The Flying Environment
Pilot Pathway
Preflight Your Career
Senior Capstone

Pathway 8: Government & Public Administration

Introduction to Social Science
Forensic Lab Science
World Conflict/American Foreign Policy
Constitutional Law & Ethics
American Women's History HN
Holocaust & Genocide Studies HN
AP Psychology

Pathway 9: Woodworking Design & Carpentry

Woodworking Technology I, II
Advanced Woodworking & Cabinetry I, II

COURSE DESCRIPTIONS

**Asterik indicates Dual Credit or Articulation Course offerings.*

AGRICULTURE & FOOD EDUCATION

Agricultural education cultivates students' interest in animals, plants, food, and natural resources. Students have the opportunity to explore this field through a variety of agriculture courses that are designed to meet national agriculture and STEM standards, promote inquiry-based learning, problem solving, and critical thinking. Our agriculture and food education courses have been approved for articulation credit by several universities in our area. All students enrolled in an agriculture course have the opportunity to participate and compete in FFA, an intracurricular service learning organization for students enrolled in agricultural education, that promotes premier leadership, personal growth, and career success.

***INTRO TO AGRICULTURE, FOOD, & NATURAL RESOURCES (Grades 9-12)**

5 Credits

This introductory course introduces students to the range of agricultural opportunities and the pathways of study they may pursue. Science, mathematics, reading, and writing components are woven in the context of agriculture and students use the introductory skills and knowledge developed in this course throughout the CASE curriculum. Students explore career and post-secondary opportunities in each area of the course and learn to solve problems, conduct research, analyze data, work in teams, and take responsibility for their work, actions, and learning. Students in this class have the opportunity to compete in the New Jersey FFA Fruit and Vegetable, Environmental Science, Creed Speaking, and Public Speaking Career Development Events.

Articulation Credits: Delaware Valley University-3 credits

Graduation Requirement Fulfilled: Career

***FLORAL DESIGN (Grades 9-12)**

5 Credits

This course develops students' proficiency in creating different types of floral arrangements and their understanding of the floral industry and business concepts. Students will receive hands-on instruction to learn how to make bouquets, boutonnieres, centerpieces, grave blankets, vases arrangements, wreaths, and wristlet corsages. The course also incorporates basic agribusiness management and marketing of retail floral products and students are responsible for the organization, operation, and management of our in-school floral enterprise, Buena Blooms, that provides floral arrangements for our school and local community. Students in this class have the opportunity to compete in the New Jersey FFA Floriculture, Floral Design, and Ag Sales Career Development Events, as well as the New Jersey FFA Horticultural Exposition and the Southern Region Flower Show.

Articulation Credits: Delaware Valley University-9 credits

Graduation Requirement Fulfilled: Career

***PLANT SCIENCE (Grades 10-12)**

5 Credits

Prerequisite: Intro to Agriculture, Food & Natural Resources or Biology with a B or better average

This course teaches students the form and function of plant systems and provides them with the opportunity to cultivate a variety of plants in the school greenhouse. Student experiences include the study of plant anatomy and physiology, classification, and the fundamentals of production and harvesting. Students will grow plants using a variety of traditional and alternative methods that include hydroponics, aquaponics, and grow towers. Students will learn how to apply scientific knowledge and skills to use plants effectively for agricultural and horticultural production. Students will discover the value of plant production and its impact on the individual, the local, and the global economy. Areas of study include but are not limited to: Soils, Anatomy and Physiology, and Pest Disease Management. Students in this class have the opportunity to compete in the New Jersey FFA Floriculture, Ag Sales, and Nursery Landscape Career Development Events.

Articulation Credits: Delaware Valley University-3 credits, Rutgers University-3 credits

Graduation Requirement Fulfilled: Career

ANIMAL SCIENCE (Grades 10-12)*5 Credits**

Prerequisite: Intro to Agriculture, Food, & Natural Resources or Biology with a B or better average

This engages students in hands-on laboratories and activities to explore the world of animal agriculture. Students are responsible for the daily care and management of the classroom rabbit and will visit a variety of animal agriculture enterprises in our area to learn more about careers in the industry. During the course, students will develop a comprehensive Producer's Management Guide for an animal of their choice. Student experiences will involve the study of animal anatomy, physiology, behavior, nutrition, reproduction, health, selection, and marketing. Some areas of study include, but are not limited to: History and Use of Animals, Animal Handling and Safety, Animal Nutrition, Animal Reproduction, and Genetics. Students in this class have the opportunity to compete in the New Jersey FFA Veterinary Science and Livestock Evaluation Career Development Events, as well as the New Jersey FFA Agriscience Fair.

Articulation Credits: Delaware Valley University-3 credits, Rutgers University-3 credits

Graduation Requirement Fulfilled: Career

FOOD SCIENCE & SAFETY (Grades 11-12)*5 Credits**

Prerequisite: Animal Science or Plant Science or Chemistry with a B or better average

Food Science and Safety is a specialization course. Students complete hands-on activities, projects, and problems that simulate actual concepts and situations found in the food science and safety industry, allowing students to build content knowledge and technical skills. Students will learn basic culinary skills and how to prepare food items using a variety of methods and techniques. Areas of study include, but are not limited to: food science, safety of food, preservation and processing, health and security, and food product development and availability. Students in this class have the opportunity to compete in the New Jersey FFA Food Science Career and Milk Quality and Products Career Development Events, as well as the New Jersey FFA Agriscience Fair.

Articulation Credits: Delaware Valley University-3 credits, Rutgers University-3 credits

Graduation Requirement Fulfilled: Career

ANIMAL AND PLANT BIOTECHNOLOGY (Grades 11-12)*5 Credits**

Prerequisite: Animal Science or Plant Science or AP Biology or AP Chemistry

This specialization course provides students with experiences in industry appropriate applications of biotechnology related to agriculture. Students will become proficient at biotechnological skills involving micropipetting, bacterial cultures and transformations, electrophoresis, and polymerase chain reaction. Students maintain a research level Laboratory Notebook throughout the course documenting their experiences in the laboratory and develop and conduct a research project following the National FFA Agriscience Fair guidelines. Areas of study include, but are not limited to: Laboratory Protocols & Safety, Cells, DNA & Protein, Genetically Modified Organisms, Micropropagation, and Polymerase Chain Reaction. Students in this class have the opportunity to compete in the New Jersey FFA Agriscience Fair.

Articulation Credits: Delaware Valley University-3 credits, Rutgers University-1.5 credits

Graduation Requirement Fulfilled: Career

VETERINARY SCIENCE AND BIOTECHNOLOGY (Grades 11-12)**5 Credits**

Prerequisite: Animal Science or Anatomy and Physiology HNS (can be concurrently enrolled)

This specialization course provides an in-depth examination of veterinary science, focusing on the interplay of factors affecting animal health. Students will address practical challenges, fostering critical thinking and an understanding of the intricate relationships between animal health and care. The central focus of the curriculum is to cultivate technical skills crucial for effective animal healthcare through hands-on practice. Students will integrate knowledge into case studies, which further develop problem-solving abilities and provide insight into the practical implications of veterinary science across diverse contexts. Areas of study include, but are not limited to: veterinary assistant skill development, disease diagnosis, treatment, and prevention, and veterinary diagnostics. Students in this class have the opportunity to compete in the New Jersey FFA Veterinary Science and Career Development Event, as well as the New Jersey FFA Agriscience Fair.

Articulation Credits: Delaware Valley University-1.5 credits (Pending Approval)

Graduation Requirement Fulfilled: Career

AVIATION TECHNOLOGY

Students will explore aviation technology of manned and unmanned aircraft, using an aviation STEM curriculum created by the Aircraft Owners and Pilots Association (AOPA), the world's largest aviation community. This curriculum is the first of its kind, offering students a comprehensive four-year aviation study that will prepare them to take the Federal Aviation Administration's Part 107 Remote Pilot Knowledge Test or the Private Pilot Knowledge Test at the end of their junior year.

LAUNCHING INTO AVIATION (Grades 9-10-Semester 1)

2.5 Credits

This course will provide the foundation for advanced exploration in the areas of flying, aerospace engineering, and unmanned aircraft systems. Students will learn about engineering practices, problem-solving, and the innovations and technological developments that have made today's aviation and aerospace industries possible. Students will also explore both historical and modern innovations and develop their own innovative ideas to address real-world challenges facing the aviation industry. They will be exposed to a variety of career options in aviation and aerospace and take an in-depth look at the opportunities available.

Graduation Requirement Fulfilled: Career

EXPLORING AVIATION & AEROSPACE (Grades 9-10- Semester 2)

2.5 Credits

This core aerospace and aviation course is designed to give students a clear understanding of career opportunities in aviation and aerospace and the critical issues affecting the aviation system. Students will also begin to drill down into the various sectors of aviation and the elements that make up the aviation and aerospace ecosystem. They will discover how advances in aviation created a need for regulation and will learn about the promulgation of civil aviation oversight. Students will also explore modern innovations and develop their own innovative ideas to address real-world challenges facing the aviation industry. They will be exposed to a variety of career options in aviation and aerospace and take an in-depth look at the opportunities available.

Graduation Requirement Fulfilled: Career

INTRODUCTION TO FLIGHT (Grades 9- 10- Semester 1)

2.5 Credits

In this course, students will take a closer look at the aircraft they may one day operate. Students will begin with an exploration of the types of aircraft in use today before going on to learn how aircraft are made and how they fly. Students will understand how aircraft are categorized, be able to identify their parts, and learn about aircraft construction techniques and materials and gain an in-depth understanding of the forces of flight—lift, weight, thrust, and drag—including how to make key calculations. This course, students will also learn the basics of aircraft design, stability, aircraft controls, maneuvering flight, and career skills related to these topics.

Graduation Requirement Fulfilled: Career

AIRCRAFT SYSTEMS & PERFORMANCE (Grades 9-10- Semester 2)

2.5 Credits

This course will provide students with an in-depth look at the systems that make manned and unmanned aircraft work as well as the instrumentation powered by those systems. Beginning with aircraft powerplants and fuel systems, students will learn about the different options available and how they affect aircraft design and performance. They will go on to explore other key aircraft systems, including electrical, pitot-static, and vacuum systems. Throughout, they will learn about the flight instruments associated with each system and how to identify and troubleshoot common problems. This course covers airplane flight manuals, the pilot's operating handbook, required aircraft documents, factors that affect aircraft performance, and how to determine critical operating data for aircraft.

Graduation Requirement Fulfilled: Career

THE FLYING ENVIRONMENT (Grade 11- Semester 1)

2.5 Credits

This course is foundational for both manned and unmanned aviation and will prepare students to take either of two Federal Aviation Administration tests: the Private Pilot Knowledge Test or the Part 107 Remote Pilot Knowledge Test. Topics include: pre-flight procedures, airspace, radio communications, aviation phraseology, regulations, airport operations, aviation safety, weather, cockpit management, and emergency procedures.

Graduation Requirement Fulfilled: Career

PILOT PATHWAY (Grade 11- Semester 2)**2.5 Credits**

In this course, students will select a pilot pathway: Flight Planning or UAS Operations. The Flight Planning course will cover remaining topics necessary for students to take the Federal Aviation Administration's Private Pilot Knowledge Test. Students will learn pilot and aircraft qualifications, cross-country flight planning, weight and balance, performance and limitations, human factors, chart use, night operations, navigation systems, and aeronautical decision making. The UAS Operations course will cover small unmanned aircraft performance, ethics, human factors, aeronautical decision-making and judgment, safety protocols, weight and balance, maintenance, aviation weather sources and effects of weather (micro-meteorology) on small unmanned aircraft performance, small unmanned aircraft loading and performance, emergency procedures, crew resource management, and preflight inspection procedures. Students will be prepared to complete the Federal Aviation Administration's Part 107 Remote Pilot Knowledge Test upon completion of this course.

Graduation Requirement Fulfilled: Career

PREFLIGHT YOUR CAREER (Grade 12- Semester 1)**2.5 Credits**

In this course, students will examine advanced aviation topics and aviation career options. Instrument flight, commercial aviation, and advanced aircraft systems begin the semester. Looking into the future, students will then explore new horizons in the aerospace industry. What might aviation look like five, ten, or 20 years into the future? The focus then turns to business development opportunities in aviation. Finally, students will learn about and conduct different types of research in preparation for their capstone project in the second semester.

Graduation Requirement Fulfilled: Career

SENIOR CAPSTONE (Grade 12- Semester 2)**2.5 Credits**

This course is the culmination of the student learning experience. The students will work as individuals or in small groups to study and report on an approved aviation topic of their choosing. The goal of this capstone course is to allow students to demonstrate an understanding of a contemporary topic in aviation as it relates to flying. The curriculum will include presentations and activities to help guide student research and project development as well as suggestions for topics or projects that can be adapted to match available resources.

Graduation Requirement Fulfilled: Career

BUSINESS

Business education prepares students interested in topics such as running a business, accounting, marketing, economics and web page creation. While exploring business career opportunities, critical knowledge and skills are provided for success. Student participation in DECA is an integral part of the Business program.

INTRODUCTION TO BUSINESS (Grades 9-12)**5 Credits**

This course will allow students to know the basics of business including the functional areas of business, external influences, business ethics and laws, as well as different types of businesses. Students enrolled in this course will also manage the BRHS school store which includes ordering, organizing and budgeting.

Graduation Requirement Fulfilled: Career

SOCIAL MEDIA MARKETING (Grades 10-12)**5 Credits**

Prerequisite: Introduction to Business

This course is designed to look at the influence of social media and how marketers are integrating social media tools in their overall marketing strategy. The course will investigate how the marketing community measures success in the new world of social media. Students will learn how to successfully have a social media presence as an organization and understand techniques for gaining customer and consumer buy-in to achieve marketing goals to properly select social media platforms to engage consumers. Students will investigate the use of social media by marketers to increase brand awareness, identify key audiences, generate leads, and build meaningful relationships with customers. Students will know how to utilize new and constantly updated social media marketing strategies such as an Influencer marketing TikTok challenge, Creating a Pinterest board and Pinterest content strategy, Creating a company LinkedIn profile with company posts.

Graduation Requirement Fulfilled: Career

FINANCIAL LITERACY (Grades 11-12)**2.5 Credits**

This course will provide a foundation for making informed personal financial decisions leading to financial independence. Students learn about money management, budgeting, financial goal attainment, consumer credit, debt management, time value of money, and the basics of savings and investments.

This course will explore career options available to students today and in the future. *Graduation Requirement Fulfilled: Financial Literacy*

ACCOUNTING I (Grades 10-12)*5 Credits**

This course teaches students to apply the internationally recognized Generally Accepted Accounting Principles (GAAP) while preparing financial statements, payroll records and tax forms. Specific topics include receivables, long term assets, liabilities, inventory, and closing entries. Large and small business models are examined. Students will be exposed to computerized accounting simulations. This course is recommended for students interested in a business career.

Graduation Requirement Fulfilled: Career

ACCOUNTING II (Grade 11-12)**5 Credits**

Prerequisite: Accounting I

This course is designed to give increased technical competence to students who have an interest in becoming more proficient in accounting. The content of this course includes an interpretation of payroll records, government reports, inventory control, tax accounting, and financial statements for a partnership. Students will be instructed on how to utilize the computer in solving accounting problems.

Graduation Requirement Fulfilled: Career

SPORTS & HOSPITALITY MARKETING (Grades 9-12)**5 Credits**

In this introductory course, students will develop an understanding of how business affects everyone's personal life. Topics covered include the economic system, entrepreneurship, evolution of management, government's role in business, marketing and finance. The second half of the school year will focus on Sports & Hospitality Marketing examining the relationship between sports and hospitality; drawing on disciplines in management, marketing, security, event planning, and finance.

Graduation Requirement Fulfilled: Career

ENGLISH

English teaches students how to write, understand, and analyze the interdisciplinary field of language arts. Comprehensive instruction indirectly prepares students for the PSAT and New Jersey's standardized assessments. Four years of English are required for graduation and the MLA [Modern Language Association] documentation style is the district-approved format for research.

ENGLISH I CP (Grade 9)**5 Credits**

This course is designed for ninth grade students as the first course of a four-year English requirement. It is for students planning to attend college, technical, or trade school. In this academic course of study, students will explore a variety of genres while developing literacy skills that are fundamental skills for success in school and beyond. This course includes a focus on cognitive reasoning, the ability to work both independently and in groups, an understanding of other perspectives and cultures, and the ability to utilize technology and digital media in an appropriate and thoughtful manner. Special emphasis is placed on developing literary interpretation and analysis, knowledge of academic vocabulary, and further development of the writing process.

Graduation Requirement Fulfilled: English

ENGLISH I HN (Grade 9)**5 Credits**

Prerequisite: Grade 8 Language Arts Accelerated minimum final grade of "B" or Grade 8 Language Arts final grade of "A"

The course is designed for ninth grade students as the first course of a four-year English requirement. It is for students planning to attend college, technical, or trade school and are confident in language arts. Students will explore a variety of

genres while developing literacy skills associated with reading and writing, along with speaking, listening, and language (grammar). This course includes a focus on cognitive reasoning, the ability to work both independently and in groups, an understanding of other perspectives and cultures, and the ability to utilize technology and digital media in an appropriate and thoughtful manner. Special emphasis is placed on developing sophisticated literary interpretation and analysis, the development of language and composition, knowledge of academic vocabulary, and further development of the writing process, including, but not limited to, argumentative, informative/explanatory, research simulation tasks, and narrative writing.

Graduation Requirement Fulfilled: English

ENGLISH II CP (Grade 10)

5 Credits

Prerequisite: English I

This course is designed for tenth grade students as the second course of a four-year English requirement. It is for students planning to attend college, technical, or trade school. This course is designed to extend the skills and concepts developed in College Prep English I and explores universal literary themes common in American literature. The standards recognize that reading and writing, along with speaking, listening, and language (grammar), are fundamental skills for success in school and beyond. This course includes a focus on cognitive reasoning, the ability to work both independently and in groups, an understanding of other perspectives and cultures, and the ability to utilize technology and digital media in an appropriate and thoughtful manner. Students will read and analyze select fiction and non-fiction texts, with special emphasis placed on further development of analytic reading comprehension skills, knowledge of academic vocabulary, and the writing and the research process.

Graduation Requirement Fulfilled: English

ENGLISH II HN (Grade 10)

5 Credits

Prerequisite: English I HN minimum final grade of "C" or English I CP final grade of "B" or teacher recommendation

This course is designed for tenth grade students as the second course of a four-year English requirement. It is for students planning to attend college, technical, or trade school. This course is designed to extend the skills and concepts developed in College Prep English I and explores universal literary themes common in American literature. This course includes a focus on cognitive reasoning, the ability to work both independently and in groups, an understanding of other perspectives and cultures, and the ability to utilize technology and digital media in an appropriate and thoughtful manner. Each class will read and analyze select fiction and non-fiction texts that align with the themes and skills. Special emphasis is placed on developing sophisticated literary interpretation and analysis, knowledge of academic vocabulary, and the development of language and composition. Writing assignments include, but are not limited to, critical analysis of literature, argumentative, informative/explanatory, research simulation tasks, and narrative writing.

Graduation Requirement Fulfilled: English

ENGLISH III CP (Grade 11)

5 Credits

Prerequisite: English II

This course is designed for eleventh grade students as the third course of a four-year English requirement. It is for students planning to attend college, technical, or trade school. This academic course of study is devised to explore universal literary themes and a selection of literacy skills utilizing the literature of Great Britain and its Empire. A focus on reading and writing, along with speaking, listening, and grammar are addressed as well as a focus on cognitive reasoning, the ability to work independently and in groups, an understanding of other perspectives and cultures, and the ability to utilize technology and digital media in an appropriate and thoughtful manner. Students will read and analyze select fiction and non-fiction texts that align with the themes and skills. Special emphasis is placed on developing literary interpretation and analysis, knowledge of academic vocabulary, and further development of the writing process, including a variety of writing activities designed to hone students' skills.

Graduation Requirement Fulfilled: English

ENGLISH III HN (Grade 11)**5 Credits**

Prerequisite: English II HN minimum final grade of "C" or English II CP final grade of "B" or teacher recommendation

This course is designed for eleventh grade students as the third course of a four-year English requirement. It is for students planning to attend college, technical, or trade school who are confident in language arts. The course is devised to explore universal literary themes and a selection of literacy skills utilizing the literature of Great Britain and its Empire. The standards recognize that reading and writing, along with speaking, listening, and language (grammar), are fundamental skills for success in school and beyond. Students will read and analyze select fiction and non-fiction texts that align with the themes and skills. Special emphasis is placed on developing sophisticated literary interpretation and analysis, knowledge of academic vocabulary, and the development of language and composition. Academic writing including research and independent reading assignments are requirements for this course.

Graduation Requirement Fulfilled: English

AP ENGLISH III (Grade 11)*5 Credits**

Prerequisite: English II HN minimum final grade of "C" or teacher recommendation English II CP minimum final grade of "B" or teacher recommendation

This course is designed for eleventh grade students as the third course of a four-year English requirement. It is for students planning to attend college, technical, or trade school and is comparable to the first semester of college English Composition. The AP English Language and Composition course aligns to the introductory college-level rhetoric and writing curriculum, which requires students to develop evidence-based analytic and argumentative essays that proceed through several stages or drafts. Students evaluate, synthesize, and cite research to support their arguments. Additionally, students read and analyze the rhetorical elements and their effects in non-fiction texts, including graphic images as forms of text, from many disciplines and historical periods. College credit may be awarded to the student depending on the specific university/college requirement exam score for credit. Preliminary summer work will be required.

Graduation Requirement Fulfilled: English

ENGLISH IV CP (Grade 12)**5 Credits**

Prerequisite: English III

This course is designed for twelfth grade students as the fourth course of a four-year English requirement. It is for students planning to attend college, technical, or trade school. This academic course of study is devised to explore universal literary themes and a selection of literacy skills utilizing world literature and literature outside of the Anglo-Saxon and United States tradition. The focus is on reading and writing, along with speaking, listening, and language (grammar), cognitive reasoning, the ability to work both independently and in groups, an understanding of other perspectives and cultures, and the ability to utilize technology and digital media in an appropriate and thoughtful manner. Students will read and analyze select fiction and non-fiction texts that align with the themes and skills. Special emphasis is placed on developing literary interpretation and analysis and further development of the writing process including, but not limited to, argumentative, informative/explanatory, research simulation tasks, and narrative writing.

Graduation Requirement Fulfilled: English

ENGLISH IV HN (Grade 12)**5 Credits**

Prerequisite: English III HN minimum final grade of "C" or English III CP minimum final grade "B" or teacher recommendation

This course is designed for twelfth grade students as the fourth course of a four-year English requirement. It is for students planning to attend college, technical, or trade school who are confident in language arts. The course is devised to explore universal literary themes and a selection of literacy skills utilizing World Literature and literature outside of the Anglo-Saxon and United States tradition. The focus is on reading and writing, along with speaking, listening, and language (grammar), cognitive reasoning, the ability to work both independently and in groups, an understanding of other perspectives and cultures, and the ability to utilize technology and digital media in an appropriate and thoughtful manner. Each class will read and analyze select fiction and non-fiction texts that align with the themes and skills. Special emphasis is placed on developing sophisticated literary interpretation and analysis, the development of language and composition.

Graduation Requirement Fulfilled: English

AP ENGLISH IV (Grade 12)*5 Credits**

Prerequisite: English III HN minimum grade of "C" or higher or teacher recommendation or English III CP minimum grade of "B" or higher or teacher recommendation

This course is designed for twelfth grade students as the fourth course of a four-year English requirement. It is for students planning to attend college, technical, or trade school and is comparable to the first semester of college English Composition. The AP English Literature and Composition course aligns to an introductory college-level literary analysis course. The course engages students in the close reading and critical analysis of imaginative literature to deepen their understanding of the ways writers use language to provide both meaning and pleasure. Writing assignments will focus on the critical analysis of literature and will include expository, analytical, and argumentative essays that require students to analyze and interpret literary works. Students are encouraged to take the AP English Literature and Composition Exam. College credit may be awarded to the student depending on the specific university/college requirement exam score for credit. Preliminary summer work will be required.

Graduation Requirement Fulfilled: English

ENGLISH ELECTIVES

ENGLISH LAB (Grade 9)**5 Credits**

This course must be taken in conjunction with English I and is designed for students who are identified as needing a personalized ELA Tier 2 or Tier 3 Intervention Program. Intensive instruction and practice are provided to help the students develop the skills and higher order thinking processes necessary for students to be successful on the NJSLA.

Graduation Requirement Fulfilled: Elective

LANGUAGE ARTS PATHWAYS TO GRADUATION (Grade 12)**5 Credits**

This senior-level English Language Arts course provides focused instruction to support students in meeting graduation requirements. Through personalized learning strategies, students strengthen essential literacy skills including reading comprehension, writing proficiency, and critical analysis. This course emphasizes practical application of language arts concepts, test-taking strategies, and confidence building.

Graduation Requirement Fulfilled: Elective

CONCEPTS OF DRAMA (Grades 9-12)**5 Credits**

This is an elective course that examines the fundamentals of drama including its vocabulary, elements, conventions, and basic concepts. Students are involved in readings, discussions, and dramatizations to develop their understanding of theater.

Graduation Requirement Fulfilled: Elective

JOURNALISM I (Grades 9-12)**5 Credits**

This course provides instruction in the history of journalism, the tenants of good reporting, and the effects of mass media. Basics of newspaper style/writing/production will be taught and implemented. An emphasis will be on writing news articles and working in layout, design, graphics, photography, and management for the purpose of publishing the school's quarterly newspaper.

Graduation Requirement Fulfilled: Elective

JOURNALISM II (Grades 10-12)**5 Credits**

Prerequisite: Completion of Journalism I with a grade of "B" or higher or teacher recommendation.

This course provides continued instruction in the history of journalism, the tenants of good reporting, and the effects of mass media. An emphasis will be on writing news articles and working in layout design, graphics, photography, and management. Students enrolled in these classes are expected to take a leadership role in the publishing of the school newspaper.

Graduation Requirement Fulfilled: Elective

CREATIVE WRITING (Grades 9-12)**2.5 Credits**

Creative Writing is intended to allow students to develop their writing skills in an expressive way. Various forms of creative writing may be pursued including narratives, poetry, script writing and essays. Students will also have opportunities to share their writing with others while learning how to both give and receive constructive criticism.

Graduation Requirement Fulfilled: Elective

FILM LITERATURE (Grades 10-12)**2.5 Credits**

Film Literature focuses on mastery of the literary elements throughout the medium of film. Throughout the semester students will learn about plot, setting, theme, and irony by analyzing various types of films. The curriculum includes vocabulary specific to the film industry. In addition, the course covers the origins and history of film, propaganda, documentaries, dramas, comedies, and other film genres.

Students are required to discuss and analyze film clips for technical aspects. Independent reading and a variety of writing assignments are also assigned.

Graduation Requirement Fulfilled: Elective

POETRY IN MUSIC (Grades 9-12)**2.5 Credits**

This course will provide students with an opportunity to analyze popular music and literature. Figurative language, literary devices, and forms of verse customarily used by writers and speakers in literature and rhetoric to strengthen their compositions will be explored utilizing music and lyrics. Figures of speech and rhetorical devices such as metaphor, alliteration, apostrophe, assonance, consonance, hyperbole, onomatopoeia, personification, simile, synecdoche, hyperbole, understatement and other techniques will be identified and understood through music and musical lyrics. Setting, tone, point of view, theme and other aspects of literature will be studied via music. Music as a reflection of the ages will also be explored.

Graduation Requirement Fulfilled: Elective

DIVERSE VOICES IN LITERATURE (Grades 9-12)**2.5 Credits**

This course will examine the contemporary literary works of women and other minority groups in America. Students will be exposed to varied authors whose race, gender or ethnic experiences have shaped their literary expression. Critical thinking, reading, writing, and oral presentation skills will be emphasized. Reading selections will include fiction, nonfiction, drama, and poetry.

Graduation Requirement Fulfilled: Elective

FINE AND PERFORMING ARTS

The Fine and Performing Arts challenge students to become independent and creative problem solvers through the study of four arts disciplines - music, dance, theater, and visual arts. Five credits are required for graduation. Students have the opportunity to take multiple classes and participate in extracurricular activities such as Band, Choir, Drama, Art or Dance Clubs and the Spring Musical.

INTRODUCTION TO ART (Grades 9-12)**5 Credits**

This is a foundation and general course in the visual arts. Students will explore a variety of artists, processes and materials such as drawing, painting, printmaking, world crafts, clay, and sculpture. Emphasis will also be placed on the elements and principles of art and design. Willingness to get involved in the creative process is more important than the student's skill or previous experience.

Graduation Requirement Fulfilled: Arts

ADVANCED ART (Grades 10-12)**5 Credits***Prerequisite: Introduction to Art*

This second year course offers an opportunity for students who wish to create two-dimensional art in order to further develop skills and techniques learned in Introduction to Art. Emphasis is placed on experiences with 2D design, drawing (pencil, charcoal, pastel, comics), painting (watercolor, acrylic), world craft, and printmaking.

*Graduation Requirement Fulfilled: Arts***CERAMICS (Grades 10-12)****5 Credits***Prerequisite: Introduction to Art*

Students will explore hand-building techniques (pinch, coil, slab) and learn basic wheel skills, including centering and throwing. They will study the art history and cultural role of ceramics from ancient to contemporary times and experiment with textures, slips, underglazes, and glazes on their pieces.

*Graduation Requirement Fulfilled: Arts***ADVANCED CERAMICS (Grades 11-12)****5 Credits***Prerequisite: Ceramics*

Students will use skills acquired in Ceramics 1 as a basis for more complex hand-built and wheel-thrown forms. Emphasis for this class shifts from learning basic techniques to achieving a higher level of craftsmanship and personal expression. Self-motivation is encouraged as students strive for individual growth and artistic style. Students will have the opportunity to share in the daily responsibilities of the clay studio including processing clay, maintaining glazes, and firing the kiln.

*Graduation Requirement Fulfilled: Arts***AP STUDIO ART (Grades 11- 12)****5 Credits***Prerequisites: Introduction to Art, Art & Design 2D and Ceramics*

AP 2-D Art and Design engages the serious art student in creative thinking, enabling them to demonstrate their mastery of college-level course work. Challenging long term mixed media projects are encouraged to allow students to continue to develop the quality pieces for their portfolios. AP 2-D Art and Design is not based on a written exam; instead, students submit digital portfolios for evaluation at the end of the school year. It is highly recommended that students take the AP 2-D Art and Design exam.

*Graduation Requirement Fulfilled: Arts***STUDIO PRODUCTION (Grades 9-12)****5 Credits**

This hands-on introductory course familiarizes students with video production in a studio setting, including the use of lighting, sound, and camera equipment. Students will acquire the necessary skills to produce basic video productions for television and social media, learn about careers in media, and sharpen their communication skills through individual and group class presentations and productions.

*Graduation Requirement Fulfilled: Career***TECHNICAL THEATER (Grades 9-12)****2.5 Credits**

This one-semester Technical Theatre course introduces students to the behind-the-scenes elements that bring live theatrical productions to life. Students will explore the fundamental areas of technical theatre, including theater safety, production roles and responsibilities, scenic prop design, set construction techniques, and stage management. Emphasis is placed on collaboration, problem-solving, and hands-on learning as students will develop an understanding of how technical theatre contributes to storytelling and gain skills that can be applied both onstage and behind the scenes. Each semester students will have the opportunity to work collaboratively on several student-led productions, i.e. dance/drama showcases, choir/band concerts, annual musical, middle/elementary school productions held at BRHS, and other special event assemblies. No previous experience required.

Graduation Requirement Fulfilled: Career

THEATER I (Grades 9-12)**5 Credits**

Theater I is a beginning course that focuses on basic foundations and techniques in acting, improvisation, character analysis, and movement. This class wants each student to master studies in theater with broad preparation in liberal arts and humanities. This focuses the student on becoming familiar with basic acting techniques, theater history, dance, theatrical design, and theater production. Although this class fosters individuality, it is the climate of teamwork that challenges students to bring his or her best to the class, for the class! The study of theater is not just about academics and production, theater is the study of human behavior in which imagination plays a vital role. Developing one's imaginative skills occurs when the mind and body work together. Students are encouraged to inspire, inquire, and develop skills in the following areas: self-discipline, respect for yourself and others, and effective communication skills. Students in this course are not required to audition for extra-curricular productions; however, it is strongly encouraged, since public performance is a natural extension of the course work.

Graduation Requirement Fulfilled: Arts

THEATER II (Grades 10-12)**5 Credits**

Prerequisite: Theater I

Theater II is an intermediate course that is a continuation of Theater I. This is a course where actors work on two-person scenes, group scenes, and monologues in a "lab" setting. While the broad strokes of that definition will apply to this class, there are also some significant differences. The goal in this class will not be the "study" of scene work strictly speaking, but rather the ongoing investigation and discovery of scenes that will give students the skills necessary to keep their scenes "alive" and in the moment. The goal is not to "perfect" a scene and discover a single truth or meaning within a scene, but rather to engage the text anew with every performance. The emphasis will be on developing acting skills and techniques that are based on spontaneity, impulse, and improvisation. **Students in this course are expected to perform in extra-curricular productions since public performance is a natural extension of the course work.**

Graduation Requirement Fulfilled: Arts

ADVANCED THEATER STUDIES (Grades 11-12)**5 Credits**

Prerequisites: Prior Theater Courses and Teacher Recommendation

Teacher recommendation is required for entrance into this course. In this class, students will explore an in-depth study of theater; including but not limited to: acting, scene study, theatrical design, musical theater, and technical theater (sound, lighting, costuming). Students will gain extensive knowledge in scene study and scoring, voice, classical theater, script analysis, and performance. Students in this course are expected to perform in extra-curricular productions since public performance is a natural extension of the course work.

Graduation Requirement Fulfilled: Arts

Introduction to Dance (Grades 9-12)**5 Credits**

In this course, students are introduced to the elements of dance and basic techniques of lyrical, contemporary, modern, jazz, social dance forms and choreography. This course will allow students to discover the personal and cultural significance of dance, learn how to observe and critique dance and the historical significance it holds. Students will demonstrate skills through individual and large group performance routines. No prior dance experience is required. Participation in the dance showcases is required.

Graduation Requirement Fulfilled: Arts

Intermediate Dance (Grades 9-12)**5 Credits**

Prerequisite: Intro to Dance and/or Teacher Recommendation.

This intermediate level course enables students to deepen their study and appreciation for the techniques of lyrical, contemporary, modern, jazz, hip hop, social dance forms and choreographic structures. Students will learn the basics of anatomy and kinesiology and how it applies to dance. Students must be prepared to choreograph and perform small group dance routines. Participation in the dance showcases is required. This course may be repeated for credit.

Graduation Requirement Fulfilled: Arts

Dance Ensemble (Grades 9-12)**5 Credits***Prerequisite: Audition and/or by dance teacher recommendation*

This course is designed to develop advanced level skills in lyrical, contemporary, modern, jazz, hip hop and social dance forms with a focus on performance quality. The primary emphasis will be on refining technical and performance skills while learning the art of dance composition. A minimum of two dance performances is required. This course may be repeated for credit.

*Graduation Requirement Fulfilled: Arts***Dance Composition (Grades 9-12)****5 Credits***Prerequisite: Audition and/or by Teacher Recommendation.*

This course is designed to develop advanced level skills in lyrical, contemporary, modern, jazz, hip hop and social dance forms with a focus on choreography. Students will refine technical and performance skills with a primary emphasis on developing their voice as a choreographer. They will have opportunities to create, rehearse and present original dance works of art in annual showcases. A minimum of two dance performances is required. This course may be repeated for credit.

*Graduation Requirement Fulfilled: Arts***BAND (Grades 9-12)****5 Credits***Prerequisite: Must play an instrument or pass an audition with the band teacher for approval.*

This course is for musicians who play wind and percussion instruments. Concepts such as blend, balance, intonation, style, and precision are introduced and stressed. Band is a performance ensemble and all performances will be graded. The band performs at various events such as parades, football games, community events, winter and spring concerts, etc. Members are required to perform at these events. Summer rehearsals begin in August and will start with band camp starting the second week in August. Members participating in a fall sport are exempt from band camp and after school rehearsals but all members are required to attend all non-competitive marching performances.

*Graduation Requirement Fulfilled: Arts***CHOIR AND SELECT CHOIR (Grades 9-12)****5 Credits***Prerequisite: Teacher Recommendation*

This course provides foundational musical training through solo and 2- or 3-part harmony singing. Students will learn the basics of singing, be exposed to a variety of musical styles, and will learn how to read music. Students will also gain confidence in their own abilities by performing for each other or for an audience. In addition, students selected by the instructor who wish to further develop their voice, as well as their ability to sing in 3- and 4- part harmony, may participate in Select Choir. Students who wish to participate in Select Choir may have studied privately and are able to demonstrate their abilities with an audition. Select Choir students will learn more advanced singing techniques, be exposed to a variety of musical styles, and expand upon their ability to read music. Students in both Choir and Select Choir will gain confidence in their own abilities by performing for an audience and at competitions.

*Graduation Requirement Fulfilled: Arts***MODERN MUSIC: COVER BAND (Grades 9-12)****5 Credits**

This course is designed for the student who wishes to gain a fundamental musical training of modern music. The course is designed for amateur and novice musicians. Students will learn the basics of playing guitar, drum set, piano, digital piano, bass guitar and vocal techniques. Students will gain confidence in their abilities by performing for each other and for an audience. Students will be required to perform in front of an audience.

Graduation Requirement Fulfilled: Arts

ADVANCED COVER BAND (Grades 9-12)**5 Credits**

This course is designed for the student who has taken MODERN MUSIC: COVER BAND or has an advanced level of musicianship related to modern music. The course is designed for intermediate to advanced musicianship looking to play in a coverband. Students will collaborate with other musicians to create a coverband and will perform several times inside and outside of school. All performances are graded and required for the course. Students will also learn basic marketing and promotions to start their own cover band.

Graduation Requirement Fulfilled: Arts

MUSIC THEORY (Grades 10-12)**5 Credits**

Prerequisite: Previous Music Course Required

This course is designed for students who wish to engage in an in-depth study of the fundamental elements of music and further their fluency with melody, harmony, texture, rhythm, and form. Students interested in a career in songwriting, classical and jazz composition or advanced music theory should consider this course. This course requires a basic base knowledge of music theory (i.e. played a musical instrument or sang in a choir).

Graduation Requirement Fulfilled: Arts

MUSIC APPRECIATION (Grades 9-12)**5 Credits**

Music Appreciation introduces the fundamental components of music and guides students through exploration of the musical styles of various eras and cultures. Through discussion and analysis, students will understand the background and development of today's music. Students will also experiment with the digital development of music. No musical background is required.

Graduation Requirement Fulfilled: Arts

MUSIC TECHNOLOGY (Grades 9-12)**5 Credits**

This course is designed to offer students the opportunity to utilize technology to explore music composition, audio manipulation, and music production using music production software. Students will develop the capability to make, edit, and record music. Music Technology is limited to one section and placement is not guaranteed. No musical background is required.

Graduation Requirement Fulfilled: Arts

INFORMATION TECHNOLOGY

Information Technology is an ever-changing field that teaches students skills needed for the 21st century. The technology courses below cover theory of computation, fundamentals of computer science, coding and operating systems, information theory, and basic programming.

COMPUTER APPLICATIONS (Grades 9-12)**2.5 Credits**

Computer Applications is a fundamental Google Apps course where students learn how to set up an account, how to use and optimize Drive, Docs, Sheets, Slides, and Forms. Students will also learn how to navigate the organizational tools, control files, and learn how to securely collaborate with others when working on projects.

Graduation Requirement Fulfilled: Career

INTRODUCTION TO COMPUTER SCIENCE (Grades 9-12)**5 Credits**

Prerequisite: Minimum of C average in previous math course

This course introduces students to the foundational concepts of computer science and basic programming and coding with an emphasis on helping students develop logical thinking and problem solving skills. This is an interactive class that is a practical introduction to the working programming language with Python. No previous programming experience is required; however, ideal students will have a personal interest in computers and have earned at least a C average in their last math course.

Graduation Requirement Fulfilled: Career

AP COMPUTER SCIENCE PRINCIPLES (Grades 9-12)**5 Credits***Prerequisite: Algebra I*

AP Computer Science Principles offers a multidisciplinary approach to teaching the underlying principles of computation. The course will introduce students to the creative aspects of programming, abstractions, algorithms, large data sets, the Internet, cybersecurity concerns, and computing impacts. AP Computer Science Principles also gives students the opportunity to use current technologies to create computational artifacts for both self-expression and problem solving. Together, these aspects of the course make up a rigorous and rich curriculum that aims to broaden participation in computer science. Prior experience with programming is highly recommended; however, ideal freshman candidates will be those students who are placing out of Algebra 1 and will be taking Honors Geometry in their first year of High School.

*Graduation Requirement Fulfilled: Career***ARTIFICIAL INTELLIGENCE FOUNDATIONS (Grades 9-12)****2.5 Credits**

AI Foundations introduces students to the core principles of computer science and the growing role of artificial intelligence in everyday life. Through hands-on programming, visual problem solving, and critical analysis, students explore how computing systems work, how data powers AI, and how intelligent tools make decisions. They learn to write Python programs, analyze the structure of the Internet, investigate cybersecurity risks, and interpret data through visualizations and models. Throughout the course, students examine how AI systems impact individuals and communities, and build the skills to use computing and AI to solve meaningful problems in their world.

*Graduation Requirement Fulfilled: Career***CYBERSECURITY (Grades 9-12)****2.5 Credits**

This course is designed for students who are interested in exploring careers in Cybersecurity. This course does not require any prerequisite knowledge in computing or cybersecurity. The focus of instruction will include the implementation and monitoring of security on network and computer systems. Students will investigate strategies to identify and protect against security threats such as hackers, eavesdropping and network attacks. The basics of cryptography and logic reasoning will be explored. Hands-on labs in a cyber range provide practice in the configuration and mitigation of system vulnerabilities.

*Ethics agreement must be signed by all students and parents during the first 2 weeks of class.

*Graduation Requirement Fulfilled: Elective***CYBERSECURITY II (Grades 10-12)****2.5 Credits**

This course is designed for students who are interested in exploring careers in, and the foundations of Cybersecurity. Building on the concepts from Cybersecurity I, instruction will focus on vulnerabilities found in digital systems and methods to implement defense. Students will apply tools to identify vectors of attack and ways to mitigate vulnerabilities. Advanced forms of cryptography will be explored along with the role they play in securing remote transactions. Hands-on labs executed in a cyber range provide practice in the configuration and mitigation of system vulnerabilities. Each unit integrates current events with cyber ethics and law. *Ethics agreement must be signed by all students and parents during the first 2 weeks of class.

PRE: Cybersecurity I

*Graduation Requirement Fulfilled: Elective***MICROSOFT OFFICE APPLICATIONS HN (Grades 10-12)****5 Credits***Prerequisite: Computer Applications I minimum final grade of "C" OR teacher recommendation*

This course is designed to provide students with opportunities to enhance their computer technology, decision-making, productivity, communications, and problem-solving skills. Areas of instruction include advanced computer applications and integration of word processing, desktop publishing, spreadsheet, database, and presentation software. Upon completion of this course students could, with additional study, be prepared for the Microsoft Office Specialist (MOS) exam.

Graduation Requirement Fulfilled: Career

MULTILINGUAL LEARNERS PROGRAM

The Multilingual Lingual Learners Program offers students the opportunity to learn English in a small class environment. These courses are taught by a certified ML instructor, providing them a more individualized learning plan. All courses fulfill the graduation requirement for World Language or an elective. Students in the ML program have individualized programs of study to accelerate their learning. Study skills, organization, and content area vocabulary are prominently featured to ensure students attain the second language comprehension strategies. Additionally, our ML students take their grade level English course with a certified multilingual learner instructor.

Multilingual Language I AND CONTENT

5 Credits

All first year ML students should be enrolled in this course. ML I is a daily developmental second language program based on the student's proficiency in English. These students will be tested at Tier A of the ACCESS test in the spring. Students begin to develop skills in listening, speaking, reading, and writing. They start to develop cultural competency along with linguistic survival strategies. Usually, this course is appropriate for students who have been in the country for one year or less.

Multilingual Language II AND CONTENT

5 Credits

All second year ML students should be enrolled in this course. This is the second year developmental program for Multilingual Learners. These students will be tested in Tier B of the ACCESS test in the spring. Listening, speaking, reading and writing skills continue to develop. Students can now engage in some basic communication in English. They are beginning to develop academic language proficiency as well.

Multilingual Language III AND CONTENT

5 Credits

All third year ML students should be enrolled in this course. In the third year of the ML program, students have acquired some literacy in English. More time is devoted to reading and writing, especially as it pertains to their mainstream classes. Most of these students will be tested at Tier B of the ACCESS test in the spring although some may advance more quickly and be ready for Tier C.

Multilingual Language IV AND CONTENT

5 Credits

All fourth year ML students should be enrolled in this course. This course is designed for students who are in their fourth year in the country. They are approaching grade level in literacy and academic language proficiency in the core content areas. These students will be tested at Tier C of the ACCESS test in the spring.

MULTIMEDIA DESIGN

Multimedia Design prepares students who are interested in the field of Graphic Art & Design. Classes begin at the introductory level and progress into more advanced computer graphics and painting, desktop publishing, web design and computer animation. Students who take all courses all four years are well-prepared to major in Graphic Arts.

PIXELATION ANIMATION (Grades 9-12)

5 Credits

In this animation class, students will learn to create 2D animations using pixelated artwork (NO DRAWING REQUIRED) and Adobe Animate. From small squares of color in video games to digital designs that come to life in their own animations, pixel art is a source of unlimited creativity. Students will become pixel artists, design character sprites, animate character movement, and bring worlds to life using their imaginations and small colored squares. Main characters will run and jump through levels filled with enemies, traps, collectibles, and other things with animated pixelation.

Graduation Requirement Fulfilled: Arts

INTRO TO GRAPHIC ARTS (Grades 9-12)*5 Credits**

An introduction into the career of computer generated art including logos, illustrations, and photographs. Students will have two marking periods of Adobe Illustrator and two marking periods of Adobe Photoshop. This course is a mandatory prerequisite for the following three courses.

Graduation Requirement Fulfilled: Arts or Career

PHOTO MANIPULATION (Grades 10-12)**5 Credits**

Prerequisite: Intro to Graphic Arts

Photo Manipulation takes the career ready practices of Adobe Photoshop learned in Intro to Graphic Arts and advances the student's knowledge of pixel manipulation. Students will learn a variety of techniques, including but not limited to: how to work with layers, make selections, create special effects, adjust colors, and work with a DSLR digital camera as well as Camera Raw Images.

Graduation Requirement Fulfilled: Arts

ELECTRONIC ILLUSTRATION I (Grades 10-12)**5 Credits**

Prerequisite: Intro to Graphic Arts

This course increases higher levels of complexity and expectation as students advance their previous experience with Vector Art and Adobe Illustrator. In this course, the student will learn the most important topics of Vector Art and Adobe Illustrator, including but not limited to: creating texts and gradients, composing illustrations, and transforming and distorting objects using brushes, filters and patterns. Students will also be able to prepare documents for digital media, prepress and graphics for print.

Graduation Requirement Fulfilled: Arts or Career

Electronic Illustration II (Grades 11-12)**5 Credits**

Prerequisite: Electronic Illustration I

Electronic Illustration II takes the career ready practices of Vector Art and Adobe Illustrator learned in Electronic Illustration I and increases higher levels of complexity and expectation as students advance their previous experience with Adobe Illustrator. In this course, the students will learn more about the Adobe Illustrator program and its application to real work careers.

Graduation Requirement Fulfilled: Arts or Career

2D ANIMATION I (Grades 10-12)*5 Credits**

Prerequisite: Intro to Graphic Arts

This animation course exposes students to a range of traditional animation techniques using video editing software, as well as digital media motion graphics using such programs as Adobe Animate, Krita, and Photoshop. Students learn basic theories, timing, frame rate, and other mechanics incorporated into the animation process. Students will observe animated features, television shows, web-based animation, and commercial animation as a career-focused field. Included with the motion graphic software, students will also study drawing, the fundamental principles of character design, layout, and storyboarding.

Graduation Requirement Fulfilled: Arts or Career

2D ANIMATION II (Grades 11-12)*5 Credits**

Prerequisite: 2D Animation I

This animation course exposes students to more forms of animation and software other than Adobe Animate, such as Adobe Premiere and After Effects. Like in many careers, students will learn how to cross between other animation programs to complete a project. Adobe Premiere is best suited to compile and edit final cuts of animation projects. Adobe After Effects is best suited to put the final look, effects, designs, and textures into an animation for final output. Students will also be able to further their animation portfolios by animating directly into both programs as well.

Graduation Requirement Fulfilled: Arts or Career

DIGITAL PAINTING (Grades 9-12)**5 Credits**

This course is intended to introduce students to basic digital imaging manipulation skills within the Fine Art context of creative expression. This course on digital computer painting techniques will focus on color theory, brush techniques, textures, surfaces, concepts and principles. Students will learn to use the tools and techniques of digital painting using Adobe Photoshop and other digital painting programs (Such as Krita) to produce artwork with applications in the fields of game design, animation, characters, portraits, concept art, and illustration.

Graduation Requirement Fulfilled: Arts

MATHEMATICS

Mathematics builds upon students' prior knowledge and skills, and consistently challenges them to be problem solvers and construct their own understandings. Students who excel academically at the junior and senior level are eligible to compete in Math League. Three years of mathematics are required for graduation including Algebra I and Geometry, and four years of mathematics are strongly recommended.

ALGEBRA I LAB (Grade 9)**5 Credits**

This course is designed for students who are identified as needing a personalized Algebra Tier 2 or Tier 3 Intervention Program and must be taken in conjunction with Algebra I. Intensive instruction and practice are provided to help the students develop the skills and higher order thinking processes necessary for success in higher-level math courses. Students will be exposed to algebraic concepts and learn new ways to work effectively with variables, equations, and functions.

Graduation Requirement Fulfilled: Elective

ALGEBRA I CP (Grade 9)**5 Credits**

This course is designed for ninth grade students as the first course of a three-year math requirement to graduate high school. In this mathematical academic course of study students will recognize and work effectively with variables, equations, inequalities, linear and quadratic functions and their corresponding representations in tables, graphs, and equations will continue to develop the necessary algebraic skills and concepts for future competency in mathematics.

Graduation Requirement Fulfilled: Algebra I

GEOMETRY CP (Grades 9-10)**5 Credits**

Prerequisite: Algebra I

This course is designed for tenth grade students as the second course of a three-year math requirement for graduation. This course explores the fundamental areas of plane two-dimensional figures and solid or three-dimensional figures; a study of point, line and angle relationships is made. This course integrates Algebra while investigating the properties and relationships of geometric figures through plane, solid, and coordinate geometry. There is an emphasis on logical thinking skills as well as analytical thinking.

Graduation Requirement Fulfilled: Geometry

GEOMETRY HN (Grades 9-10)**5 Credits**

Prerequisite: Algebra I minimum final grade "A" in grade 8 or Algebra I CP final grade "A"

This course is designed for ninth and tenth grade students as the second course of a three-year math requirement for graduation. This course focuses on plane two-dimensional figures and solid or three-dimensional figures; a study of point, line and angle relationships is made. This course integrates Algebra while investigating the properties and relationships of geometric figures through plane, solid, and coordinate geometry. Honors Geometry moves at a quick pace and covers the topics with more depth and analysis.

Graduation Requirement Fulfilled: Geometry

ALGEBRA II CP (Grades 10-12)**5 Credits***Prerequisite: Geometry CP*

Algebra II is the third class required to graduate high school. College Prep Algebra II is designed to further develop important mathematical ideas introduced in College Prep Algebra I by exploring those topics in greater depth and detail, while examining and analyzing newer topics. Throughout this course, students will expand on knowledge of linear, quadratic, and exponential functions, be introduced to polynomial, rational, radical, logarithmic, and trigonometric functions, in order to gain a more accurate interpretation of functions.

*Graduation Requirement Fulfilled: Math***ALGEBRA II HN (Grades: 10-11)****5 Credits***Prerequisite: Algebra I CP final grade of "A", Geometry HN minimum final grade of "B" or Geometry CP final grade of "A" or teacher recommendation*

Honors Algebra II is designed to further develop important mathematical ideas introduced in Eighth Grade Algebra I or College Prep Algebra I by exploring those topics in greater depth and detail, while examining and analyzing newer topics. This course is designed to equip students with an extensive mathematical vocabulary and problem solving skills in the context of realistic applications. Throughout this course, students will expand on knowledge to gain a more accurate interpretation of functions. Honors Algebra II moves at a quick pace and covers the topics with more depth and analysis.

*Graduation Requirement Fulfilled: Math***STATISTICS CP (Grades 11-12)****5 Credits***Prerequisite: Algebra II CP*

This course is designed for the student who wishes to continue to explore a large range of mathematical topics with an emphasis on "real world" applications. Students will regularly use the graphing calculator and computer to solve problems and they will be challenged through critical thinking exercises that will enhance their mathematical reasoning ability and communication skills.

*Graduation Requirement Fulfilled: Math***STATISTICS HN (Grades 11-12)****5 Credits***Prerequisite: Algebra II CP with a final grade "B" or higher*

This course is designed for the student who wishes to continue to explore a large range of mathematical topics with an emphasis on "real world" applications such as games of chance, random population, and actuarial science. Students will regularly apply the tools of technology including the graphing calculator and computer to solve problems. They will be challenged through critical thinking exercises and participate in various group and individual activities that will enhance their mathematical reasoning ability and communication skills. Honors classes move at a quick pace and cover the topics with more depth and analysis. This course can be taken for dual college credit.

*Graduation Requirement Fulfilled: Math****AP STATISTICS (Grades 11-12)****5 Credits***Prerequisite: Algebra II with a final grade "B" or higher*

AP Statistics is an introductory college-level statistics course that introduces students to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. Students cultivate their understanding of statistics using technology, investigations, problem solving, and writing as they explore concepts like variation and distribution; patterns and uncertainty; and data-based predictions, decisions, and conclusions. Students may take the Advanced Placement Exam at their own expense to get Advanced Placement Credit. A satisfactory score on this exam may allow a college to grant credit.

*Graduation Requirement Fulfilled: Math***ADVANCED ALGEBRA & TRIGONOMETRY CP (Grades 11-12)****5 Credits***Prerequisite: Algebra II*

This course is designed to expand on the topics covered in Algebra II. Topics covered include basic operations on advanced polynomials, exponents, radicals, conic sections, systems of equations, quadratic equations, rational functions, exponential

and logarithmic functions, sequences and series, and basic trigonometry. Topics in this class reflect and support those on the Accuplacer college placement exam. Graphing calculators will be used occasionally in class.

Graduation Requirement Fulfilled: Math

PRE-CALCULUS HN (Grades 11-12)

5 Credits

Prerequisite: Algebra II HN with a minimum final grade of "B" or Algebra II CP final grade "A"

Geometry HN with a minimum final grade of "B" or Geometry CP final grade "A"

This course is intended for students seeking a rigorous course of study in preparation of a two or four-year college math/science program. This course places an emphasis on mathematical structure, deductive reasoning, and the understanding of a function. There is a firm presentation of Algebraic and Trigonometric concepts. The major focus is to prepare the students in graphical techniques, algebraic and transcendental functions, and analytic geometry.

Graduation Requirement Fulfilled: Math

***AP CALCULUS AB (Grades 11-12)**

5 Credits

Prerequisite: Pre-Calculus HN with a minimum final grade of "B" 85 or Teacher Recommendation

Calculus Advanced Placement consists of calculus and related topics comparable to at least the first semester of college calculus. The concepts of Calculus include limits, derivatives, maxims, minima, integrals and the applications of these concepts in physics oriented problems. Students may take the Advanced Placement Exam at their own expense to get Advanced Placement Credit. A satisfactory score on this exam may allow a college to grant credit.

Graduation Requirement Fulfilled: Math

MATH PATHWAYS TO GRADUATION (Grade 12)

5 Credits

This senior-level mathematics course provides targeted instruction to support students in meeting graduation requirements. Through individualized learning plans and focused skill development, students strengthen their mathematical foundations in essential areas. This course emphasizes practical application of mathematical concepts, test-taking strategies, and confidence building.

Graduation Requirement Fulfilled: Elective

PEER LEADERSHIP

PEER LEADERSHIP (GRADE 12)

5 Credits

Prerequisite: Application

Peer Leadership is a mentorship program between senior and freshman students designed to help freshmen transition into high school, both academically and socially. Admission to the program is selective; an applicant's grades, attendance, application essay, and discipline record are considered as well as teacher and counselor recommendations. If selected, Peer Leaders will serve as a support network for freshmen through monthly Outreaches. They are required to present oral lessons to the freshmen classes as well as their classmates. The Peer Leaders will develop and improve personal and team building skills daily. They will learn to work effectively with classmates and develop skills to successfully improve group facilitation. The Peer Leaders will also participate in school-wide events to help promote a positive climate at Buena Regional High School.

Graduation Requirement Fulfilled: Elective

PHYSICAL EDUCATION AND HEALTH

All students are required by state law to take a course in physical education for each year of attendance in High School. Students may only be excused from participation in these classes by a doctor's certificate. Students not physically participating will be required to complete alternative written assignments. Students participate in three marking periods of physical education and one marking period of health. Each grade level's health component is listed below.

PHYSICAL EDUCATION AND HEALTH 1-4

5 Credits

Both present and future physical and recreational needs of students are met through:

(1) Participation in a wide variety of physical activities that will lead to the development of coordination, strength, skills, and endurance, and (2) Participation in a variety of physical activities having continuing lifetime values.

Graduation Requirement Fulfilled: PE

FAMILY LIFE STATEMENT

NJ administrative Code 6:29-7.1 requires us to provide Family Life Education. At the high school level this instruction is provided in both the 9th and 10th grades. The curriculum has been locally developed through the effort of residents, physicians, clergy, teachers, and administrators. Any pupil whose parent or guardian presents a signed statement that any part of the instruction is in conflict with his or her conscience or sincerely held moral or religious beliefs would be excused from that portion of the instruction. An alternative assignment will be determined by the department supervisor in conjunction with the student. No penalty as to credit or graduation will result from this action.

HEALTH 9: FAMILY LIFE (Grade 9)

This course will give the students an in-depth look at the male and female reproduction systems. Also areas of dating, pregnancy, birth control and venereal disease will be discussed extensively using an updated textbook, Finding My Way.

HEALTH 10: DRIVER EDUCATION (Grade 10)

Driver Education Theory is a required prerequisite for the written driver's exam. The units will include: graduated driver license program; getting your vehicle ready for the road (registration, title & plates); drivers' responsibilities; safe driving rules and regulations; defensive driving; drinking, drugs & health, driver privileges & penalties, sharing the road with others, general vehicle information, and driver safety. At the end of the marking period all students will have the opportunity to take the State of NJ motor vehicle commission basic written driver examination. A waiver card will be issued if the student passes this written test.

HEALTH 11: FIRST AID (Grade 11)

First Aid training promotes safety awareness in the home, at work, at play, and on streets and highways. In the promotion of such awareness the course closely relates cause, effect and prevention. First Aid is studied so that students learn the reasons and importance of the course, as well as the value of training in first aid for themselves and for others. The general rules for applying proper First Aid procedures will be emphasized so that the student will be able to apply the knowledge to life situations. Other topics discussed include: Disease Prevention, Wellness, Character Education-Moral & Ethical Dilemmas, Empathy, Vision, Mental Illness / Suicide, Social Media impacts and affects, Binge Drinking and Addiction, The Body Systems - Illnesses associated with the body systems, Cancer, Stress Management, and Vaping.

Some students may be afforded the opportunity to obtain First Aid/CPR certification.

HEALTH 12: ADULT LIVING (Grade 12)

Senior health covers a variety of subjects including: Money management: budgeting and finances, Personal relationships: unhealthy/healthy relationships (friendships, dating, marriage, divorce), effective and ineffective communication, career planning, wellness, time and stress management.

NUTRITION AND THE HUMAN BODY CP (Grades 11-12)

5 Credits

Prerequisites: Biology and Chemistry

Nutrition and the Human Body is designed as an elective centering on the importance of implementing the USDA's Dietary Guidelines for Americans 2010 and to maintain/achieve healthy living for an individual and community in addition to the prevention of chronic illnesses. The role of diet and nutrition in growth, development, maturation, and aging throughout the stages of life (preconception through late adulthood) are examined. The major focus reflects the importance of each nutrient based upon its biochemical and physiological functions. The relationship of nutrition and major health problems in the United States, such as: obesity, cardiovascular disease, and cancer are examined. The course builds upon the principles of nutrition as they relate to chemistry, metabolism, and the anatomy/physiology of the human body. Topics such as digestion and absorption of nutrients, chemical structure and metabolic fate of nutrients, the effects of over- and under-nutrition on individuals and the community at large will be studied. The course will also emphasize individual, clinical, social and applied aspects of nutrition, including food labeling, diet analysis, weight management, food safety and food security. This is not a course that will have activities concentrating on the tasting and analyzing of foods & beverages.

Graduation Requirement Fulfilled: Elective

SCIENCE

Science is an integral part of human life that teaches students cycles of life, earth systems, matter, calculating formulas and so much more. It provides a laboratory experience where students can work together to develop their problem-solving skills in the classroom. Three years of science are required for graduation including Biology and two additional laboratory/inquiry based sciences. Students in Grade 11 are administered a NJ state science assessment in the spring.

EARTH SPACE AND ENVIRONMENTAL SCIENCE CP (Grade 9)

5 Credits

Earth Space and Environmental Science (ESES) is designed for ninth grade students as the first course of a three-year science requirement. Topics include but are not limited to as follows: earth systems, including interior and exterior structure and forces; space systems including big bang theory, solar weather, star evolution, and nucleosynthesis; environmental science Disciplinary Core ideas with integration of NGSS Cross-Cutting Concepts and NGSS Science and Engineering Practices. ESES builds on previous knowledge obtained from Middle School Next Generation Science Standards.

Graduation Requirement Fulfilled: Science

BIOLOGY CP (Grade 10)

5 Credits

This laboratory course is intended for the student who plans to attend college and is designed to help students gain an understanding of how the study of living things has developed through the use of investigation and observation. Topics include characteristics of living and nonliving things, cell structures and functions, cellular energy, cellular reproduction in addition to genetics as it relates to basic and complex patterns of inheritance and premises in genetic engineering. Students will develop a variety of learning techniques such as note taking, group discussions, class lab exercises, project development, cooperative learning, supplemental readings, and short research papers.

Graduation Requirement Fulfilled: Biology

BIOLOGY HN (Grades 9-10)

5 Credits

Prerequisite: Minimum grade of "A" in 8th grade science and teacher recommendation or Minimum grade of "B" in Earth, Space, and Environmental Science

Honors Biology integrates laboratory science by providing fundamental lab safety guidelines and techniques as it relates to the foundations of life sciences. Required knowledge of course content is often detailed and demanding. Significant independent study and memorization is expected for the mastery of the content. Topics included but not limited to are as follows: cell structure and function, laws of thermodynamics, photosynthesis and cellular respiration, cell cycle and mitosis, asexual and sexual reproduction, meiosis, Mendelian genetics, complex inheritance and human heredity, pedigree and karyotype analysis, molecular genetics, transcription and protein synthesis, biotechnology, theory of evolution, bacteria, protists, and viruses and ecosystems. Teaching and learning techniques/strategies emphasized are: note taking, group discussions, lab exercises/reports, projects, cooperative learning, supplemental readings, and short research papers.

Graduation Requirement Fulfilled: Biology

CHEMISTRY CP (Grades 10-12)**5 Credits***Prerequisites: Biology CP or Biology HN Co-requisite: Algebra II*

This laboratory course is a more in-depth survey study of chemistry concepts. It is for the student who plans to attend college and is confident and has proven ability with the math and science concepts in Algebra I, Physical Science, Geometry, and Biology. In addition, must be concurrently enrolled in Algebra II. Topics include basic chemistry theories, principles, laboratory techniques and related calculations linked to atomic structure, chemical formulae and reactions, phases of matter, colligative properties, acids and bases, and electrochemical, thermal, nuclear, and organic chemistry. All students are expected to complete daily reading and/or problem solving assignments. Note: A calculator will be used throughout this course. Calculators are available to use during class. Students are encouraged to purchase a scientific or graphing calculator for work to do at home. Your teacher will inform you as to which calculator to purchase.

*Graduation Requirement Fulfilled: Science***CHEMISTRY HN (Grades 10-12)****5 Credits***Prerequisite: Geometry HN with a minimum final grade of "B" or Geometry CP with a minimum grade of "A"; Biology HN with a minimum final grade of "B" or Biology CP with a minimum grade of "A"*

This laboratory course is intended to prepare students for a college level general chemistry or advanced placement high school chemistry course. It is designed for those who plan a career in science, engineering or math. Most students will need to spend a considerable amount of time outside of class solving problems, conducting research and preparing laboratory reports. Honors Chemistry is a challenging math-based problem solving course involving laboratory and lecture. Heavy emphasis is placed upon analysis and synthesis skills. Reference materials such as Reactivity Series, Reduction Potentials, Solubility Guidelines, and Standard Enthalpies, as well as many Periodic values are incorporated as integral tools. Major topics include atomic structure, stoichiometric analysis, gas laws, solutions, kinetics and thermodynamics, as well as acid/base, electro-, nuclear and organic chemistry. Note: A calculator will be used extensively throughout this course. Calculators are available to use during class. Students are encouraged to purchase a scientific or graphing calculator for work to do at home. Your teacher will inform you as to which calculator to purchase.

*Graduation Requirement Fulfilled: Science****ANATOMY & PHYSIOLOGY HN (Grades 11-12)****5 Credits***Prerequisites: Biology HN minimum final grade of "C" or Chemistry CP and Biology CP minimum final grades of "B"*

The Anatomy and Physiology course is the study of the interrelationship between the structure and function of the human body. The course is designed for the college bound student planning to embark on a career in a medical or allied health field. The ability to develop and recall a large technical vocabulary and retain a large volume of detailed information is essential for success in this course. Anatomy and Physiology will cover the following topics: Human Body Orientation, Cell Structure and Function, Histology, Homeostasis, and the following body systems: Integumentary, Skeletal, Muscular, Nervous and Special Senses. Students are expected to complete daily homework assignments, study extensively, and be expected to write four independent research papers on a homeostatic disorder with a correctly formatted reference page. The research papers will be presented to the class for peer and instructor evaluation and accompanied by original visual enhancement created by the student using PowerPoint, Prezi or a 36" X 48" display board.

*Graduation Requirement Fulfilled: Science****AP BIOLOGY (Grades 11-12)****6 Credits***Prerequisite: Honors Biology with a minimum final grade of "B" or teacher recommendation**Honors Chemistry with a minimum final grade of "B" or teacher recommendation*

This rigorous laboratory course meets for two periods per week and is comparable to the first semester of college biology. The course consists of four "Big Ideas" set forth by the College Board for the AP Biology Course: evolution, cellular processes, living systems and biological systems. Students are encouraged to take the AP Biology Exam. College credit may be awarded to the student depending on the specific university/college requirement exam score for credit. Preliminary summer work will be required.

Graduation Requirement Fulfilled: Science

AP CHEMISTRY (Grades 11-12)*6 Credits**

Prerequisite: Chemistry HN with a minimum final grade of "B" or Chemistry CP with a minimum grade of "A"; Algebra II HN with a minimum final grade of "B" or Algebra II CP with a minimum grade of "A"

This rigorous laboratory course meets for two periods per week and is comparable to the first semester of college chemistry. The pace is rapid, and will cover extensive topics in the structure of the atom, the periodic table, nuclear chemistry, chemical equilibrium, organic chemistry, etc. Laboratory experiences to include written research/lab reports are major components of the course. Students are encouraged to take the AP Chemistry Exam. College credit may be awarded to the student depending on the specific university/college requirement exam score for credit. Preliminary summer work will be required. Note: A calculator will be used extensively throughout this course. Calculators are available to use during class. Students are encouraged to purchase a scientific or graphing calculator for work to do at home. Your teacher will inform you as to which calculator to purchase.

Graduation Requirement Fulfilled: Science

FORENSIC LAB SCIENCE CP (Grades 11-12)**5 Credits**

Prerequisite: Biology, Earth Space and Environmental or Chemistry

This course provides an introduction to criminal justice and crime scene investigation. Students will explore the various areas that make up the broad category known as forensic science. These areas include analysis of biological, chemical, psychological and physical evidence. Students will be introduced to crime scene analysis and techniques through the study of subtopics such as: hair, fibers, fingerprints, DNA, blood spatter, toxicology, anthropology, pathology, soil analysis, forgery, glass analysis, impressions and ballistics. Guest speakers will add a high level of realism to the experience, while case studies will specifically illustrate how forensic scientists increase the probative value of evidence. Forensic Science is designed either as an elective or as a course to fulfill the three-year science requirement upon completion of the prerequisites.

Graduation Requirement Fulfilled: Science

PHYSICS CP (Grades 11-12)**5 Credits**

Prerequisites: Chemistry CP and Algebra II

This laboratory course is a math-based problem solving course requiring skillful employment of algebraic techniques and geometric/trigonometric relationships. This course provides a systematic introduction to the main principles of physics and emphasizes the development of critical thinking skills and problem solving techniques. The course is designed for the student who plans on attending college and has an interest in science but is not necessarily planning a career in science. Note: A calculator will be used extensively throughout this course. Calculators are available to use during class. Students are encouraged to purchase a scientific or graphing calculator for work to do at home. Your teacher will inform you as to which calculator to purchase.

Graduation Requirement Fulfilled: Science

PHYSICS HN (Grades 11-12)**5 Credits**

Prerequisites: Chemistry HN or Chemistry CP with a minimum grade of "B"; Algebra II HN and/or Pre-Calculus HN or Algebra II with a minimum grade of "B"

This laboratory course is a challenging math-based problem solving course requiring skillful employment of algebraic techniques and geometric/trigonometric relationships. Course material is oriented toward students who are planning a career in science, engineering or mathematics. Honors Physics addresses two broad topics of study, motion and energy. Divided between the Fall and Spring semesters, Newtonian motion encompasses linear and circular motion with such topics as vectors, forces, acceleration, work, momentum, collisions, and equilibrium, while the electromagnetic spectrum of energy is studied from basic waves to sound, light, electricity and magnetism. Note: A calculator will be used extensively throughout this course. Calculators are available to use during class. Students are encouraged to purchase a scientific or graphing calculator for work to do at home. Your teacher will inform you as to which calculator to purchase.

Graduation Requirement Fulfilled: Science

SCIENCE ELECTIVES

MARINE BIOLOGY (Grades 11-12)

5 Credits

Prerequisite: Biology CP or Biology HN

Marine biology is the study of life in the ocean. The oceans make up over 70% of the world's surface and have major impacts on our lives even if we do not always realize it. During this course students will investigate topics including marine ecosystems, the major phyla of marine organisms, and human impacts on marine life and the oceans. This is a full year lab course that will include dissections of marine organisms.

Graduation Requirement Fulfilled: Elective

SOCIAL STUDIES

The field of Social Studies provides students with a comprehensive understanding of the United States' role in the global community. Through core and elective courses, students develop knowledge across multiple disciplines including history, cultural geography, sociology, law, government, and current issues. This interdisciplinary approach builds a strong foundation for understanding both domestic and international perspectives. Students must complete three years of social studies coursework to meet graduation requirements.

WORLD CULTURES CP (Grades 9)

5 Credits

This course is designed for ninth grade students as the first year course of a three-year social studies requirement. World Cultures focuses on allowing all students to acquire the knowledge and skills to think analytically and systematically about how past interactions of people, cultures, and the environment affect issues across time and cultures. Geographic, political, economic and religious aspects of varied cultures from 1450 CEBC until the present day will be analyzed.

Graduation Requirement Fulfilled: World History

WORLD CULTURES HN (Grades 9)

5 Credits

Prerequisite: Minimum final grade of "A" in Social Studies Grade 8 or Teacher recommendation

This academic course is for ninth grade students who are confident in social studies and is designed as the first year course of a three-year social studies requirement. World Cultures focuses on allowing all students to acquire the knowledge and skills to think analytically and systematically about how past interactions of people, cultures, and the environment affect issues across time and cultures. Geographic, political, economic and religious aspects of varied cultures from 1450 CEBC until the present day will be analyzed. Additionally, this course will require independent readings, essay writing outside of the class, more advanced geography skills, and a more extensive analysis of the social, political and economic influences of the area.

Graduation Requirement Fulfilled: World History

UNITED STATES HISTORY I CP (Grades 10)

5 Credits

Prerequisite: World Cultures

This course is designed for tenth grade students as the second year course of a three-year social studies requirement. This course covers the time period from early European colonization to Reconstruction. All students will acquire the knowledge and skills to think analytically about how past and present interactions of people, cultures, and the environment shape the American heritage. Such knowledge and skills enable students to make informed decisions that reflect fundamental rights and core democratic values as productive citizens in local and national communities.

Graduation Requirement Fulfilled: US History

UNITED STATES HISTORY I HN (Grades 10)

5 Credits

Prerequisite: World Cultures HN minimum final grade of "B" or World Cultures CP minimum final grade of "A" or teacher recommendation

This academic course is for students who are confident in social studies and is designed for tenth grade students as the second year course of a three-year social studies requirement. This course covers the time period from early European

colonization to Reconstruction. All students will acquire the knowledge and skills to think analytically about how past and present interactions of people, cultures, and the environment shape the American heritage. Such knowledge and skills enable students to make informed decisions that reflect fundamental rights and core democratic values as productive citizens in local, national, and global communities. Honors assignments include, but are not limited to: projects, independent readings, essay writing outside of class time, and other activities that require more advanced geography skills, a deeper understanding of historical terminology, and a more extensive analysis of the social, political and economic influences of the area.

Graduation Requirement Fulfilled: US History

*** AP UNITED STATES HISTORY I (Grades 10-11)**

5 Credits

Prerequisite: Minimum grade of "B" in World Cultures HN or Minimum grade of "A" in World Cultures CP or teacher recommendation

This academic course is for students who are confident in social studies and is designed for tenth or eleventh grade students as the second year course of a three-year social studies requirement. This course is for students planning to attend college. This course covers the time period from 1607 to 1898 in American history. All students will acquire the knowledge and skills to think analytically about how past and present interactions of people, cultures, and the environment shape the American heritage. Such knowledge and skills enable students to make informed decisions that reflect fundamental rights and core democratic values as productive citizens in local, national, and global communities. Additionally, this course will require independent readings, essay writing outside of class time, more advanced geography skills, a deeper understanding of historical terminology, and a more extensive analysis of the social, political and economic influences of the area. Particular attention will be paid to the preparation needed for success on the US History AP exam. This course meets all of the requirements of the AP College Board. This is the first year of an intended two-year program. Preliminary summer work will be required.

Graduation Requirement Fulfilled: US History

UNITED STATES HISTORY II CP (Grades 11- 12)

5 Credits

Prerequisite: United States History I

This course is designed for eleventh grade students as the third year course of a three-year social studies requirement. This course covers the time period from 1899 to the present day in American history. All students will acquire the knowledge and skills to think analytically about how past and present interactions of people, cultures, and the environment shape the American heritage. Such knowledge and skills enable students to make informed decisions that reflect fundamental rights and core democratic values as productive citizens in local and national communities.

Graduation Requirement Fulfilled: US History

UNITED STATES HISTORY II HN (Grades 11-12)

5 Credits

Prerequisite: United States History I HN minimum final grade of "B" or United States History I CP minimum final grade of "A" or teacher recommendation

This academic course is designed for eleventh grade students as the third year course of a three-year social studies requirement. This course covers the time period from 1899 to the present day in American history. All students will acquire the knowledge and skills to think analytically about how past and present interactions of people, cultures, and the environment shape the American heritage. Honors assignments include, but are not limited to: projects, independent readings, essay writing outside of class time, and other activities that require more advanced geography skills, and a more extensive analysis of the social, political and economic influences of the area.

Graduation Requirement Fulfilled: US History

***AP UNITED STATES HISTORY II (Grades 11-12)**

5 Credits

Prerequisite: Advanced Placement US History I with a grade of "B" or higher US History I with a grade of "A" or teacher recommendation

This academic course is for students who are confident in social studies and is designed for eleventh or twelfth grade students as the third year course of a three-year social studies requirement. This course covers the time period from 1899

to the present day in American history. Additionally, this course will require independent readings, essay writing outside of class time, more advanced geography skills, a deeper understanding of historical terminology, and a more extensive analysis of the social, political and economic influences of the area. Particular attention will be paid to the preparation needed for success on the US History AP exam. Preliminary summer work will be required.

Graduation Requirement Fulfilled: US History

SOCIAL STUDIES ELECTIVES

***AP EUROPEAN HISTORY (Grade 12)**

5 Credits

Prerequisite: US History II minimum final grade of "B"

Advanced Placement European History is a survey course dating from approximately 1450 to the present that concentrates on major political, social, economic, intellectual, and cultural themes throughout this period. In addition to providing a basic narrative of events and movements, the goals of AP European History are to develop (a) an understanding of some of the principal themes in modern European history, (b) an ability to analyze historical evidence and historical interpretation, and (c) an ability to express historical understanding in writing as these are skills that are crucial to success on the European History AP exam. Preliminary summer work will be required.

Graduation Requirement Fulfilled: Elective

***AP PSYCHOLOGY (Grades 11-12)**

5 Credits

AP Psychology is an introductory college-level psychology course. Students cultivate their understanding of the systematic and scientific study of human behavior and mental processes through inquiry-based investigations as they explore concepts like the biological bases of behavior, sensation and perception, learning and cognition, motivation, developmental psychology, testing and individual differences, treatment of abnormal behavior, and social psychology.

Graduation Requirement Fulfilled: Elective

INTRODUCTION TO SOCIAL SCIENCE (Grades 11-12)

5 Credits

Prerequisite: US History I or II

This course is an introduction to the fundamentals of psychology and sociology. Units will include learning principles and applications, memory and thought, body and behavior, sensation and perception, motivation and emotion, altered states of consciousness, infancy and childhood, adolescence, adulthood, senescence and personality theory. A major research project focusing on a psychosocial dysfunction is required, along with shorter papers assigned periodically.

Graduation Requirement Fulfilled: Career or Elective

CONSTITUTIONAL LAW AND ETHICS (Grades 11-12)

5 Credits

Prerequisite: US History I or II

This is a course designed for students interested in law, government, ethics, and politics. The course will put Constitutional law into a historical framework. Particular emphasis will be placed on cases that show the interaction between the Supreme Court interpretations of the Constitution and political and economic developments. Students will examine the Constitution, the fundamental concepts of Constitutional law, the role of the courts, the legal limitations on governmental policy making and the relationship between law and society. Students will discuss and analyze topics subject to Constitutional interpretation such as

separation of powers, religious liberty, and freedom of speech, equal protection, the death penalty, gun control, civil rights, and abortion. Students will be asked to defend their opinions about real life Supreme Court cases both orally and in written form.

Graduation Requirement Fulfilled: Elective

WORLD CONFLICTS/AMERICAN FOREIGN POLICY (Grades 11-12)**2.5 Credits***Prerequisite: US History I or II*

This course will expose students to current international conflicts and examine their historical and current causes that are based on religious, political, social and/or economic causes. Students will also examine the role of the Department of State and its function in the formation and execution of American Foreign Policy.

*Graduation Requirement Fulfilled: Elective***HOLOCAUST AND GENOCIDE STUDIES HN (Grades 10-12)****5 Credits***Prerequisite: World Cultures with a minimum final grade of 80 or above*

This course is an in-depth study of the Holocaust as well as genocide and terrorism in the 20th century to the present. The course will focus on the historical, social, political, intellectual, cultural and economic causes and consequences of the Holocaust as well as current examples of genocide and terrorism. Students will use the process of inquiry to identify issues, form questions, investigate resources and draw conclusions.

*Graduation Requirement Fulfilled: Elective***AMERICAN WOMEN'S HISTORY HN (Grades 10-12)****2.5 Credits***Prerequisite: World Cultures with a minimum final grade of 80 or above*

This course examines the contributions of women in American history, from the Revolutionary War to the present day, focusing on the roles of women as America modernized. Topics include the changing legal, social, economic, and political rights of women, shifting notions of gender roles, and images of women in popular culture.

*Graduation Requirement Fulfilled: Elective***NJ HISTORY HN (Grades 10-12)****2.5 Credits***Prerequisite: World Cultures with a minimum final grade of 80 or above*

Honors New Jersey History is a survey course that covers the history of the State of New Jersey from the 17th century to the present day. Many of the topics covered within the course will detail New Jersey's role within larger conflicts/events in American History (ex. American Revolution, Civil War, the World Wars, Civil Rights, etc.) However, topics unique to New Jersey such as state specific industry, legislation, and culture will be covered.

*Graduation Requirement Fulfilled: Elective***FILM HISTORY (Grades 10-12)****2.5 Credits**

Film History offers an exploration of United States cultural and social history through the medium of film and other mediums of mass culture. Throughout the semester students will view a variety of films. The class will discuss and write about those films as primary documents within a historical context, as manifestations of popular culture, as reflections of society, as manifestations of business and technology, and as works of art. (This class can be taken with Film Literature).

*Graduation Requirement Fulfilled: Elective***HISTORY OF SPORTS (Grades 10-12)****2.5 Credits**

This course explores the development of American sports in the 19th and 20th centuries, focusing on how sports influenced American culture. We will examine historical issues such as the development of national identity, the impact of industrialization and urbanization, and how sports have helped to shape society. The course will include lectures, films, and class discussions, with significant reading and analysis required.

Graduation Requirement Fulfilled: Elective

WOODWORKING DESIGN & CARPENTRY

Woodworking Design and Carpentry is a hands-on course where students develop practical skills through project-based learning. Students enhance their fine and gross motor skills, hand-eye coordination, and teamwork abilities while learning essential workshop safety and material management. The course integrates mathematical concepts (including geometry, measurement, and spatial reasoning) with engineering principles and creative design. Through these experiences, students gain valuable trade skills that prepare them for both career opportunities and advanced education.

WOODWORKING TECHNOLOGY I (Grades 9-12)

5 Credits

This course is designed to introduce students to the basic concepts of woodworking and an understanding of basic tools, materials, methods of work, finishes, and technological advances. The course utilizes project based learning and students work at their individual skill levels. In addition to demonstrations of tools and methods, lab time is provided to the students to ensure the basics of manufacturing products, while learning to read and follow a set of plans.

Graduation Requirement Fulfilled: Career

WOODWORKING TECHNOLOGY II (Grades 10-12)

5 Credits

Prerequisite: Woodworking Technology I

The second year in the sequence of woodworking classes, this class will allow students to continue brainstorming and designing solutions to problems through critical thinking and problem solving techniques. Students will study advanced manufacturing and get hands-on training in some of the latest advances in woodworking technology. Opportunities to work with more desirable materials may become apparent as the student's skill level increases. Students will continue to explore job opportunities while developing an understanding of the expectations of employers.

Graduation Requirement Fulfilled: Career

ADVANCED CABINETRY & DESIGN I (Grades 11-12)

5 Credits

Prerequisite: Woodworking Technology II with minimum final grade of "C"

The purpose of this course is to enhance the skills developed in Woodworking I & II. The student will apply those skills to the production of finer woodworking projects with an emphasis on cabinetry. Students will learn the standards in the cabinetry industry, the techniques used in the production of quality consumer products, and what is expected in attitude and work ethic to successfully maintain employment. Attention will be focused on the design and the designing process, problem solving, and the use of the latest techniques acceptable in the industry.

Graduation Requirement Fulfilled: Career

ADVANCED CABINETRY & DESIGN II (Grade 12)

5 Credits

Prerequisite: Advanced Cabinetry & Design I with minimum final grade of "C"

The purpose of this course is to enhance and accelerate the skills developed in Advanced Cabinetry & Design I. The student will apply those skills to the production of finer woodworking projects with an emphasis on cabinetry. *Graduation Requirement Fulfilled: Career*

WORLD LANGUAGE

World Languages teach students how to communicate in languages other than English while exposing them to other cultures. The program builds language proficiency through a sequence of four courses and students are strongly encouraged to complete all four years. One language is required for graduation and all language courses must be studied successively.

SPANISH I CP (Grades 9-12)

5 Credits

Spanish I College Prep focuses on the development of the vocabulary and grammar required for daily classroom interactions. Listening and speaking skills are emphasized. Students study and explore Spanish culture and history.

Graduation Requirement Fulfilled: World Language

SPANISH II CP (Grades 9-12)

5 Credits

Prerequisite: Spanish I minimum high school grade of "C" or Spanish I minimum middle school grade of "B" in Spanish I or Teacher Recommendation

Spanish II College Prep integrates the grammar and vocabulary from Level I. This course emphasizes the daily use of Spanish in listening, speaking, reading, and writing. Students are required to maintain a journal in Spanish and to submit a 3-4 page autobiography/biography written in Spanish.

Graduation Requirement Fulfilled: World Language or Elective

***SPANISH III HN (Grades 10-12)**

5 Credits

Prerequisite: Spanish II minimum final grade of "C" or Teacher Recommendation

Spanish III Honors is designed to strengthen speaking and listening skills and refine the skills of reading and writing in Spanish. Students also are required to read excerpts of early 17th Century Spanish Literature to include authors such as Fernando de Rojas, Miguel Cervantes, Lope de Vega and Calderón. Historical events of each literary piece are explained so as to place each literary work in its proper historical setting.

Graduation Requirement Fulfilled: Elective

***AP SPANISH LANGUAGE AND CULTURE (Grades 11-12)**

5 Credits

Prerequisite: Spanish III or IV minimum final grade of "C" or Teacher Recommendation

AP Spanish Language and Culture is equivalent to an intermediate level college course in Spanish. Students cultivate their understanding of the Spanish language and culture by applying interpersonal, interpretive, and presentational modes of communication in real-life situations. This includes vocabulary usage, language control, communication strategies, and cultural awareness. To best facilitate the study of language and culture, this course is taught almost exclusively in Spanish.

Graduation Requirement Fulfilled: Elective

***SPANISH IV HN (Grades 9-12)**

5 Credits

Prerequisite: Spanish III minimum final grade of "C" and Teacher Recommendation

Spanish IV includes a general review of the more advanced facets of Spanish Grammar while learning to employ situational vocabulary (office, school, job environment and travel planning, politics and the environment). Students also complete nearly 50 journal entries while following the educational series "Destinos" throughout the school year. Journals, test grades, class participation and quarterly projects comprise the grading criteria for this level.

Graduation Requirement Fulfilled: Elective

SPANISH V HN (Grades 9-12)

5 Credits

Prerequisite: Spanish IV minimum final grade of "B" and Teacher Recommendation

Spanish 5 is an independent study course designed to review Spanish grammar, literature and cultural aspects via Classical Spanish Stories and Plays with additional research via Webquest Reports on major authors, painters and political figures in Spain or Latin America. The 5th level culminates in a Special Research Paper with current topics that include but are limited to Immigration, Spanish Economy, Political Unrest in South America, Drug Wars in Mexico and the Latino Population in the United States.

Graduation Requirement Fulfilled: Elective