



**BOONTON HIGH SCHOOL
COURSE GUIDE**

2020 - 2021

306 Lathrop Avenue ~ Boonton, NJ 07005

www.boontonschools.org

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BOONTON PUBLIC SCHOOLS

BOONTON DISTRICT MISSION

The Boonton School District, in partnership with the community, will prepare all students to achieve the New Jersey Core Content Curriculum Standards at all grade levels and motivate each graduate to productively contribute to society by providing a rigorous, relevant, and comprehensive educational program.

BOONTON DISTRICT VISION

The Boonton School District will become a model of educational excellence where each of our schools will be the pride of the community and a resource for districts in the county, state, and beyond.

BOONTON DISTRICT CORE VALUES AND BELIEFS

- We believe that all students deserve to grow in a rigorous, relevant, and inclusive academic, co- and extra-curricular environment that assists each and every student to not only meet but also exceed his or her potential.
- We believe that all students will benefit not only from safe and secure facilities, but also from an environment focused on social, emotional and academic development targeted to increase motivation, self-esteem, tolerance, and respect.
- We believe that all students deserve to be educated in a community that understands, supports, and contributes to the District's initiatives, actions, and priorities.
- We believe that all students and staff will benefit from a rich technology-based teaching and learning environment, state-of-the-art equipment and systems, and the vast expertise of both Boonton personnel and community members.
- We believe that all students will have more opportunities and an enriched learning environment as a result of effective, creative, and proactive fiscal management and alternative funding sources.

BOONTON DISTRICT COMMITMENTS

- We are committed to the continuous achievements of all students.
- We are committed to providing a safe and supportive learning environment for all students.
- We are committed to meaningful involvement and communication between and among all stakeholders in the school community.
- We are committed to creating a technologically advanced system of education and district-wide operations.
- We are committed to finding and securing alternative funding opportunities and sources.

BOONTON HIGH SCHOOL MISSION

Boonton High School provides a safe and supportive environment that cultivates knowledge and character, fostering students' academic, social, and emotional needs in an ever-changing world.

BOONTON HIGH SCHOOL GOALS

- To challenge all individuals to achieve optimum development of their abilities and interests in a positive learning climate.
- To provide students with knowledge for the application of the latest technologies and innovations in vocational and academic areas.
- To stress the development of problem solving techniques and critical thinking skills.
- To maintain consistently high expectations that students will strive for a sense of excellence in their overall performance.
- To provide instruction in academics, athletics, and extra-curricular activities, which develops leaders.
- To emphasize the intrinsic worth of every individual with an awareness of the multi-cultural make-up of our student body.
- To develop students' individual goals, interests, and abilities to make the greatest possible contribution to the community.

- To adapt educational procedures and materials to serve individual learning styles, needs, and interests.
- To encourage students to develop self-esteem and respect for the rights and feelings of others.
- To develop in students an understanding of and an appreciation for our democratic society, an acceptance of the responsibility of citizenship and a sense of history.

Portrait of a Graduate

Our commitment is to foster these skills in every student in the Boonton Public Schools from preschool through graduation. Our Portrait of a Graduate is the foundation that shapes our district, including professional development, curriculum, athletics, and extracurricular activities.

- A Belief in Self
- Critical Thinking & Problem Solving
- Personal Responsibility
- Resilience
- Meta-Cognition/Learning How to Learn
- Social & Cross-Cultural Skills

BOONTON HIGH SCHOOL

306 Lathrop Avenue
Boonton, NJ 07005

Jason Klebez
Principal
jason.klebez@boontonschools.org

A World Class Education for Tomorrow's Leaders

February 28, 2020

Dear Students and Families,

The faculty and administration of Boonton High School have designed this guide to assist you in planning and scheduling your academic courses for the 2020-2021 school year. Courses offered at BHS provide a wide variety of learning opportunities and should be carefully reviewed by parents and students. It is also advantageous to consult with school counselors and teachers in order to create a schedule that best meets your needs and goals.

This guide contains a brief summary of each course with notations about credits, pre-requisites, and content. It is important for parents and students to become familiar with this information before course selections are made. In planning your academic program, please be realistic about the courses you select in terms of your goals, abilities, interests, and past performance. Carefully select your courses, as you may not be able to make schedule changes later.

Entrance requirements vary among colleges, and academic performance is one of the most important indicators used by colleges for the selection process. We recommend taking the strongest academic program possible, one that is consistent with your ability to perform at a high level.

We look forward to working with and guiding BHS students and families as you plan your academic journey. Your Vice Principal, Guidance Counselor, and myself are here to address any questions or concerns you may have. We wish you all much success throughout your Boonton High School career.

With Bomber Pride,

Jason Klebez

COURSE CORE PROFICIENCIES
NEW JERSEY DEPARTMENT OF EDUCATION

Student proficiencies in knowledge, skills, behavior, and attitude are an integral part of all courses of study offered at Boonton High School. The New Jersey State Department of Education requires the New Jersey State Student Learning Standards (NJSSLS). The Standards are embedded in all Boonton High School curricula as critical benchmarks of student learning.

BOONTON & NEW JERSEY DEPARTMENT OF EDUCATION
GRADUATION REQUIREMENTS

The Board certifies annually to the County Superintendent of Schools that each pupil who has been awarded a diploma has met the New Jersey State requirements for graduation, which shall include a minimum of 120 credit hours to meet all of the NJSSLS, completion of all course requirements listed below in Chart A, passing scores on the graduation assessment in both English language arts (ELA) and mathematics as identified by the NJDOE and satisfactory attendance according to the school's attendance policy.

School districts may establish course and/or credit requirements which exceed the state minimums. Boonton High School's graduation requires the completion of 130 credits for non-Gateway students for a state-endorsed diploma. Outlined below are the credit requirements for earning grade level status.

- **Sophomore** – 32.5 credits for sophomore status
- **Junior** – 65 credits for junior status
- **Senior** – 97.5 for senior status

BOONTON HIGH SCHOOL GATEWAY ACADEMY GRADUATION REQUIREMENTS (CLASSES OF 2021 & 2022)

Students are required to apply and be accepted into The Gateway Academy. The Gateway Academy scholars must graduate from Boonton High School with a minimum of 145 credits (as opposed to New Jersey's required 120) and complete all outlined components of The Gateway Academy curriculum. Qualified scholars participate in mentoring discussion groups, lunchbox lectures, and research projects. Students are required to take a combination of eight Advanced Placement and Honors-Dual Credit courses throughout their tenure at Boonton High School. Finally, students must complete the culminating independent senior honors thesis project (capstone) to graduate with Gateway Academy Scholar Honors. Gateway students must complete the required summer assignments and maintain an unweighted GPA of 3.5.

BOONTON HIGH SCHOOL GATEWAY ACADEMY GRADUATION REQUIREMENTS (CLASS OF 2023)

Students are required to apply and be accepted into The Gateway Academy. The Gateway Academy scholars must graduate from Boonton High School with a minimum of 145 credits (as opposed to New Jersey's required 120) and complete all outlined components of The Gateway Academy curriculum. Qualified scholars participate in discussion groups, weekly presentations, and research projects. Students are required to take a combination of eight Advanced Placement and Honors-Dual Credit courses throughout their tenure at Boonton High School. Qualified students are required to take AP Research and AP Seminar, providing Gateway scholars with the exclusive opportunity to earn College Board's AP Capstone Diploma or AP Seminar and Research Certificate. Finally, students must take The Gateway Academy Capstone course in their senior year where they will develop and present TED Talk relative to

their AP Capstone experience. Gateway students must complete the required summer assignments and maintain an unweighted GPA of 3.5.

BOONTON HIGH SCHOOL THE GATEWAY ACADEMY GRADUATION REQUIREMENTS (CLASS OF 2024)

Students are required to apply and be accepted into The Gateway Academy. The Gateway Academy scholars must graduate from Boonton High School with a minimum of 145 credits (as opposed to New Jersey's required 120) and complete all outlined components of The Gateway Academy curriculum. Qualified students are required to take AP Research and AP Seminar, providing Gateway scholars with the exclusive opportunity to earn College Board's AP Capstone Diploma or AP Seminar and Research Certificate. Students are required to take a minimum of eight Advanced Placement courses throughout their tenure at Boonton High School with the goal of scoring three or higher on six of the respective AP Exams by the end of their junior year. Finally, students must take The Gateway Academy Capstone course in their senior year where they will ultimately develop and present TED Talk related to their AP Capstone experience. Gateway students must complete the required summer assignments and maintain an unweighted GPA of 3.5.

High School Graduation Requirements (Chart A)
(N.J.A.C. 6A:8-5.1)

Subject Area	Years Required	Credits
Language Arts Literacy	4	20 credits in language arts literacy.
Mathematics	3	15 credits in mathematics, including Algebra I, Geometry, and 5 credits in a third year of mathematics that builds on the concepts of Algebra and Geometry.
Science	3	15 credits in science including at least 5 credits in a biology/life science course, 5 credits in a laboratory/inquiry-based science course, which shall include chemistry, environmental science, or a physics course, and one additional laboratory/inquiry-based science course.
Social Studies	3	15 credits in social studies, including US History 1 and 2, five credits of world history, and the integration of civics, economics, geography and global content in all course offerings.
Financial, Economic, Business and Entrepreneurial Literacy	0.5	2.5 credits in financial, economic, business and entrepreneurial literacy.
Health/Driver's Education & Physical Education	4	3.75 credits minimum in physical education/health and safety during each year of enrollment, distributed as 150 minutes per week as required by N.J.S.A. 18A:35-5, 7 and 8.
Visual and Performing Arts (Art, Music, Theater)	1	5 credits in Visual and Performing Arts.
World Languages	1	5 credits in World Languages or student proficiency designated as Novice-High as defined by ACTFL.
21 st Century Life and Careers, or Career-Technical Education	1	5 credits in 21 st Century Life and Career or Career-Technical Education.

High School Graduation Assessment Requirements

The State Board of Education approved state regulations for the high school graduation assessment requirements in both English language arts (ELA) and mathematics for all students graduating high school in the state of New Jersey. These state regulations (NJAC 6A:8-5.1) became effective on September 6, 2016. Within this past year, the assessments came under review. We as a district will continue to follow the current testing assessments required for graduation until we are notified otherwise. We will update you through the website as information is received.

COLLEGE ENTRANCE REQUIREMENTS

It is important to be aware that the requirements for college entrance may differ from the requirements for graduation from high school. The school counselors at Boonton High School are available to assist with the process. It is each student's responsibility to research information regarding the expectations of specific college choices.

All students must complete the requirements for graduation from Boonton High School. High school graduation requirements, at the minimum, may or may not prepare a student for entrance into a specific college. Generally, colleges expect students to have taken four years of English, three to four years of college-preparatory mathematics, three years of laboratory sciences, two to four years of a World Language and three years of social studies. College selectivity must be considered related to high school programming.

Students who have specific goals should concentrate on taking courses in specific areas of interest during their high school career. For example, a student who is planning a career in science should take the maximum number of science courses. A student who is interested in business should register for as many courses in the Business Department as possible during his/her high school career. Candidates interested in the medical field should focus on science and mathematics. A student who is interested in becoming a professional musician should be involved in performance music courses for each of his/her four years of high school and, similarly, someone with a strong interest in art should enroll in as many art courses as possible during high school.

When making decisions about courses, college requirements and expectations, and career goals, school counselors, teachers and parents have valuable insight into the process. Students are encouraged to take into account their advice in order to consider a broad view of perspectives regarding course scheduling. However, students are also encouraged to trust their own instincts, goals and interests.

SCHOOL COUNSELING SERVICES

The Boonton High School Counseling Department strives to provide comprehensive and sequential services to students in grades 9 through 12. The primary goal of the school counseling program is to promote the academic, career and social/emotional development of all students. School counselors help build a foundation for learning by assisting students to develop self-respect, self-advocacy, autonomy, awareness of others and a positive attitude toward acquiring knowledge.

Counseling services include individual and small group counseling, scheduling, interpreting test results, preparing transcripts, college/career recommendations, and college/career advisement. Students are provided assistance with accessing academic support, scholarship and loan information, obtaining employment and with gaining information about the armed services. Counseling services are most beneficial when conducted in partnership with teachers and parents/guardians. A team approach to student advocacy provides the support needed to ensure student success.

CHILD STUDY TEAM

The Child Study Team (CST) members at Boonton High School provide services to address individual students in order to support academic achievement. CST personnel are available as consultants to students, parents/guardians, teachers, and administrators to support students with special needs.

The members of the Child Study Team consist of:

School Psychologist: This person conducts a psychological evaluation based on formal testing, interviews, and observations which contribute to the knowledge of a student's intelligence and personal characteristics related to learning and social/emotional needs.

Social Worker: The School Social Worker evaluates personal development and social adjustment as these factors impact a student's ability to learn and function within the school setting.

Learning Consultant: This member of the Child Study Team evaluates academic and learning strengths and weaknesses through testing, interviews and observations, and makes recommendations related to the methods, materials and techniques needed to maximize learning for a student.

Transition Coordinator: The transition coordinator focuses on identifying the needs of an individual going through the transition process. They work with students to help identify their strengths, interests, and preferences and assist the student in developing or attaining postsecondary goals related to training, education, employment and, if appropriate, independent living.

HOME INSTRUCTION

Home Instruction is available for students who are confined to home for extended periods of time. To apply for this service, a parent must submit a physician's note explaining the nature of the medical condition and the approximate time necessary for recuperation. The parent should contact the child's school counselor. Home instruction must have approval from the school physician. Home instruction will only be provided to students whose medical documentation indicates a likelihood of a minimum two (2) week absence.

CAREER PROGRAMS

There are a variety of programs available for students who plan to enter the world of work immediately after graduation or who plan to attend a career or vocational school. A student interested in these options should meet with his/her school counselor to investigate the vocational/technical programs available at the Morris County Vocational School and view the following program offerings outlined below.

MORRIS COUNTY VOCATIONAL SCHOOL

400 East Main Street ~ Denville, NJ 07834

Tel: 973-627-4600 ext. 277

www.mcvts.org

Share Time Programs:

Allied Health (located at Pequannock HS)

Auto Body Collision Repair

Auto Service Technology

Fundamentals of Building & Grounds Maintenance*

Carpentry

Cosmetology

Culinary Arts & Hospitality

Cybersecurity and Information Protection (located at County College of Morris- CCM)

Electrical Trades

Engineering Design and Advanced Manufacturing (In partnership with County College of Morris) **

Fundamentals of Food Services*

Health & Exercise Science

Plumbing and Pipefitting

Robotics

Fundamentals of Retail & Supermarket Careers*

Welding Technologies

*Fundamentals courses are special class programs designed for students who require a smaller class size.

** Honors/Dual Credit

Morris County Vocational School (Vo-Tech) provides students interested in specific vocational or technical fields with the opportunity to participate in specialized training for approximately three hours of vocational training a day. All academic subjects are taken at Boonton High School. Students are then transported to Vo-Tech for specialized vocational training.

Morris County Vocational School admits those students who can benefit from the programs offered. General school records, including attendance, conduct, transcripts, exploratory experiences, and related activities are carefully reviewed in determining whether or not a prospective student has the ability, aptitude, and interest needed to master the skills and knowledge required in the chosen training area.

Morris County Vocational School should be considered by those students who demonstrate a strong vocational interest. Many students attend college following an education at a vocational-technical high school.

Interested students must file an application to Vo-Tech through their school counselor.

All arrangements are made by the Boonton High School Guidance Department.

Minimum Requirements:

1. Be a Morris County resident attending a public or parochial high school
2. Be enrolled as a 10th, 11th, or 12th grader
3. Be in good health as indicated by the school health record
4. Have an acceptable attendance and behavior record
5. File an application signed by the parent or guardian and a Boonton High School Counselor
6. Have a sincere interest in the chosen program
7. Possess sufficient motivation to succeed in the program
8. Have sufficient maturity to work in a shop setting.

Frequently Asked Share Time Program Questions

1. Is there tuition cost to attend a Share Time Program?

The tuition is paid by the student's home school district. There is no cost to the parents.

2. Transportation to Morris County Vocational School

The home school district is responsible to provide transportation to and from Morris County Vocational School. There is no cost to the parents for this service.

3. What are the school hours?

PM Session is from 12:10-2:50 PM

4. Who should apply to the Fundamentals Program?

Students with IEPs who are looking for a self-contained environment and smaller class sizes

5. If my child has an IEP or 504 Plan can they apply to any of the programs?

Yes, all Share Time programs accept students with IEPs.

6. What is the admission process?

- Parent/Guardian complete online application at www.mcvtcs.org, click the Admissions tab. Application deadline will be posted.
- Print and Sign Parent Release Form. Submit to High School Counselor.
- High School will submit the remainder of the online application.
- Applicants will be asked to attend a shadow/interview.
- All applicants will receive notification of acceptance, waiting list, or non-acceptance via email that was provided on the application.
- Home school districts will be notified of candidates who have accepted a seat at Morris County Vocational School.

7. What is the admissions process for Fundamentals programs?

- Case Manager completes online application at www.mcvtcs.org, click the Admissions tab, and choose Fundamentals. Application deadline will be posted.
- Print and Sign Parent Release Form. Submit to Parent/Guardian for signature.
- Applicants will be asked to attend a shadow/interview.
- All applicants will receive notification of acceptance, waiting list, or non-acceptance via email that was provided on the application.

Home school districts will be notified of candidates who have accepted a seat at Morris County Vocational School.

NCAA INITIAL ELIGIBILITY REQUIREMENTS

ATTENTION: All prospective student-athletes who want to play NCAA Division I or II intercollegiate athletics must be certified by the NCAA Eligibility Center to be eligible to play.

It is each student's responsibility to check online for all regulations and for updates. The eligibility center may be accessed at www.eligibilitycenter.org. This comprehensive site provides all the information resources needed to initiate the application process. Specific information regarding eligibility may be accessed by contacting the eligibility center staff at (877) 262-1492.

To be certified by the Eligibility Center, a student must: Graduate from high school and an application for certification must be completed and submitted after the junior year. The NCAA Eligibility Center will issue a preliminary certification report when all materials have been submitted. Following graduation from high school, the NCAA Eligibility Center will review the final high school transcript and will make a final certification decision according to NCAA standards.

Division I

If you enroll in a Division I college, in order to qualify to participate in athletics or receive an athletic scholarship, you must graduate high school having completed these 16 core courses:

- 4 years of English
- 3 years of Mathematics (Algebra 1 or higher)
- 2 years of Natural or Physical Science (1 year of lab science if offered by your high school)
- 1 year of additional English, Mathematics, or Natural/Physical Science
- 2 years of social science
- 4 years of additional courses (from any area above, or Foreign Language or Comparative Religion/Philosophy)
- Earn a minimum required grade-point average of 2.300 in your 16 core courses
- Ten core courses are required before the beginning of your senior year in high school. Of the 10 core courses completed, seven must be in the area of English, math, or science; and
- Earn a combined SAT or ACT sum score that matches your core-course grade-point average and test score sliding scale

Division II

If you enroll in a Division II college between now and August 1, 2020, in order to qualify to participate in athletics or receive an athletic scholarship, you must graduate high school having completed these 16 core courses:

- 3 years of English
- 2 years of Mathematics (Algebra 1 or higher)
- 2 years of Natural/Physical Science (1 year of lab science if offered by your high school)
- 3 additional years of English, Mathematics, or Natural/Physical Science
- 2 years of Social Science
- 4 years of additional courses (from any area above, Foreign Language or Comparative Religion/Philosophy)
- Earn a 2.000 grade-point average or better in your core courses; and
- Earn a combined SAT or ACT sum score that matches your core-course grade-point average and test score sliding scale

For information, please go to the NCAA eligibility center at <https://web1.ncaa.org/eligibilitycenter/common/>.

IF YOU HAVE QUESTIONS ABOUT NCAA ELIGIBILITY, PLEASE CALL THE NCAA ELIGIBILITY CENTER TOLL-FREE AT 877-262-1492. YOU MAY ALSO CALL THE NCAA AT 317-917-6222.

Please note: It is important that a student and his/her parents or guardians speak with the school counselor regarding NCAA eligibility requirements in regards to course selections and levels. It is also important for parents/guardians and students to access the NCAA eligibility center website to check for a list of approved courses taught at Boonton High School.

GRADE CALCULATION INFORMATION

WEIGHTED GRADE POINT AVERAGE

Numeric Grade	Letter Grade	CP	Honors/Dual Credit	AP
97 - 100	A+	4.33	4.83	5.33
93 - 96	A	4.00	4.50	5.00
90 - 92	A-	3.67	4.17	4.67
87 - 89	B+	3.33	3.83	4.33
83 - 86	B	3.00	3.50	4.00
80 - 82	B-	2.67	3.17	3.67
77 - 79	C+	2.33	2.83	3.33
73 - 76	C	2.00	2.50	3.00
70 - 72	C-	1.67	2.17	2.67
67 - 69	D+	1.33	1.33	1.33
63 - 66	D	1.00	1.00	1.00
60 - 62	D-	.67	.67	.67
0 - 59	F	0	0	0

Independent Study, pass/fail courses, and college level courses not taken at BHS are **not** included in the calculation of a student's grade point average. In addition, the following grades do not figure into the GPA calculation:

I – Incomplete
 X – Exempt
 NC – No Credit
 (Attendance failure)

P – Passing
 WF – Withdraw Failing
 NG – No Grade

WP – Withdraw Passing
 AU - Audited

CLASS RANK/GPA CALCULATION

- The Board of Education acknowledges the usefulness of a system of computing grade point average (GPA) and class ranking for secondary school graduates, both to inform pupils of their relative academic placement among their peers and to provide pupils, prospective employers, and institutions of higher learning with a predictive device so that each pupil is more likely to be placed in an environment conducive to success.
- The Board authorizes a system of class ranking by GPA for pupils in grades 9-12. Pupils will be ranked at the end of each semester. Students entering Boonton High School after six semesters will not be ranked. An explanation of why they have not been ranked will be included with their records.
- Class rank will be calculated by using all subjects. It will be based on the GPA that is calculated by multiplying the numerical value of each grade earned by the credit value of the course to determine the quality points for

each course. Subsequently, the GPA is determined by dividing the total number of quality points by the total number of credits attempted. Weighted credit will be calculated for grades earned in honors and Advanced Placement courses.

- Any student wishing to take a summer school program must follow the procedures below:
 1. Attain prior approval from building Principal
 2. Submit the final grade to the grade level Vice Principal upon completion of course
 3. Grades earned in summer school remedial courses will be included in the calculation of GPA and class rank; however, credit will not be awarded twice for the same course.
 4. Grades earned in summer school advanced credit courses will only be included in a student's GPA and class rank with prior approval.
 5. Grades earned in summer school enrichment programs will not be included in the calculation of GPA and class rank but may appear on the student transcript.
- Two or more pupils with identical computed GPA's will be given the same rank. The rank of the pupil who immediately follows a tied position will be determined by the total number of all preceding pupils and not by the rank of the immediately preceding pupil.
- GPA and class ranking for purposes of selecting the senior class valedictorian and salutatorian will be computed at the completion of the third marking period, senior year as will computation for distribution of hoods and cords. In the event of a tie, the GPA will be recalculated using the unweighted GPA. Students must not have lost credit and/or regained credit in any course in order to be eligible for valedictorian and salutatorian.
- A pupil's grade point average and rank in class will be entered on the pupil's record and will be subject to Board Policy on the release of pupil records.

HOW TO CALCULATE YOUR WEIGHTED GPA
(Example from a sophomore schedule with final grade)

Course	Grade	GPA	Credits	Weighted Value
				(GPA x Credits)
American Lit CP	80	2.67	5	13.35
BIO CP/LAB	87	3.33	6	19.98
CHOIR	88	3.33	5	16.65
FRENCH 3	83	3	5	15
GEOMETRY H	89	3.83	5	19.15
HEALTH 2 (DE)	92	3.67	1.25	4.59
PE 2	81	2.67	3.75	10.01
US HIST I PRE-AP	86	3.5	5	17.5
TOTALS			36	116.23

Weighted Value (116.23) divided by the **Total Credits** (36)= GPA (3.23)

HONOR ROLL

Honor Roll is calculated at the end of each marking period (using the student's unweighted GPA):

- Principal's Honor Roll – 4.0 and above, student must receive all A's

- Honor Roll - 3.5 & above, student must receive all A's & B's

A student cannot be listed on the honor roll with a grade of C, D, F, I, WF, WP, NG, NC, or AU in any subject.

I – Incomplete

WP – Withdraw Passing

WF – Withdraw Failing

AU - Audited

NC – No Credit

(Attendance failure)

ABSENTEEISM AND LOSS OF CREDIT

Excessive absenteeism shall be defined as the accumulation of more than 16 class unexcused absences in a full year course, more than 12 unexcused class absences in a 3 marking period course, more than 8 unexcused class absences in a semester course, or more than 4 unexcused class absences in a marking period class.

This is not intended to give license as to the number of absences which can be taken. In all courses, the grade and credits earned shall reflect daily participation as well as other academic requirements. It is the intention of this policy that the permitted number of absences will provide for normal illnesses. It is conceivable that 16 absences (8 semesters, 12 three quarter, and 4 quarter) from a specific class could occur as a result of being absent all day, tardiness, unexcused early dismissal, and cutting class. Students who surpass the above totals will lose academic credit pending a review and evaluation by the Administration.

COURSE SELECTION

The Boonton Public School District is committed to providing all students with equal access to the curriculum and equal access to all courses. Encouraging students to enroll in rigorous courses provides the opportunity for students to raise their achievement levels and ensure postsecondary success and work readiness.

Classes are offered at various levels of difficulty. Students are encouraged to take rigorous courses at the Honors, Dual Credit, or Advanced Placement level in areas where they have interest or career aspirations. Past performance and student success in a subject area are key indicators of future success. Students receiving final grades of “B” or “A” in the previous year’s course are encouraged to consider a more rigorous course level for the subsequent year.

The Boonton Public School District encourages and practices open access for all students to Honors Courses, Dual Credit, and Advanced Placement (AP) courses. These courses are a rigorous curriculum extension of the regular course of study often requiring higher levels of workload, including extensive independent study by the students. Teachers make recommendations using an AP/Honors rubric to guide students to select the most appropriate program and course level. In considering these recommendations, students and parents are encouraged to select an appropriate course load that balances curriculum demands with a healthy, well-rounded lifestyle.

HONORS, DUAL CREDIT, AND AP COURSES: Students are expected to complete all summer assignments and maintain the pace of an Honors or an AP course throughout the year. **All students must earn a grade of “C-” or higher at the end of the first marking period. If a student receives a grade lower than a “C-” at the end of the first marking period, his/her schedule *may* be adjusted to reflect the change to a lower level course.** If a corresponding lower level course is not available, the student must remain in the current course. Although every attempt will be made to minimize disruption to a student’s schedule, *it is strongly recommended* that parents and students consider every AP and Honors course selection carefully to ensure success and avoid dramatic schedule changes at the end of the first marking period. In order to receive dual college credit, students must submit the required paperwork and fees by the deadline. School counselors are available to assist and support students and parents throughout the scheduling process and can be contacted through the Boonton High School Counseling Department (973-335-9700, ext. 4003).

COURSE AVAILABILITY

In order to provide the broadest program possible to meet the individual needs of students, a wide selection of electives is available in all subject areas. Most of these courses are offered on a full-year basis, with some semester offerings.

Class-size limits are established in order to provide optimum educational opportunities for students and the district makes every attempt to adhere to these limits.

A course might not be offered during a given school year due to low enrollment and/or budgetary constraints. It is advisable to consider alternate course options during the scheduling process. For this reason, students are asked to rank their top 6 elective choices with the understanding that they could receive their 6th choice.

PROGRAM PLANNING

The information below is to be used as a guide for program planning as each student and parent/guardian works to select courses for each year of a student’s four-year high school career. A four-year planning worksheet is available as a part of the course guide to assist with this process.

Students and parents/guardians should review the course guide and discuss course selections prior to the student-counselor scheduling conference. Students and parents/guardians can contact the counselor through the Boonton High School Counseling Department (973-335-9700, ext. 4003) with any questions regarding course selection and long-range planning.

Important Scheduling Points:

1. A thorough review of course offerings in the course guide posted on-line on the BHS Counseling website should be conducted by students and parents/guardians with close attention to course expectations, course levels and prerequisites.
2. A student's program should be determined through discussions with teachers, counselor, and parent/guardian with a focus on a student's educational and career goals, individual student interests, and abilities.
3. Scheduling for classified students involves the advice and recommendations of the Child Study Team.
4. Course requirements for graduation take priority in the scheduling process over elective courses. Therefore, elective courses chosen during a scheduling conference are tentative. Each student will be able to view course requests in Realtime at the end of his/her scheduling conference with his/her BHS School Counselor.
5. Student course requests for verification will be accessible in Realtime. Should there be any questions or concerns, parents/guardians and students are responsible for notifying the counselor regarding a change in course selection. **Parents/guardians will be notified via an e-blast and the BHS website of the deadline for course request changes.**
6. Valid reasons for schedule changes in September are limited to the correction of a computer error, addition of a required course, addition of credits required by seniors for graduation, and an adjustment for summer school completion. **No schedule changes, except for those reasons indicated above, will be allowed before the first course change window opens.**

BOONTON HIGH SCHOOL
FOUR-YEAR COLLEGE PREPARATORY (CP)
SUMMARY WORKSHEET EXAMPLE

Courses are to be selected on the basis of an eight-course schedule.
 Students must register for 35 credits annually.

GRADE 9	CR	GRADE 10	CR
Physical Education/Health 9	5	Physical Education/Driver Ed.	5
English 9	5	English 10 Literature	5
World History	5	U.S. History 1	5
Algebra 1	5	Geometry	5
Biology w/Lab	5	Chemistry w/ Lab	5
World Languages	5	World Languages (optional)	5
Visual & Performing Arts and/or 21 st Century Life and Careers or Career- Technical Education	5	Visual & Performing Arts and/or another elective	5
Culture of Caring/Study Hall	2.5	21 st Century Life and Careers or Career-Technical Education	5
Lunch		Lunch	
GRADE 11	CR	GRADE 12	CR
Physical Education/Health 11	5	Physical Education/Health 12	5
English 11 Literature	5	English 12 Literature	5
U. S. History 2	5	Social Studies (optional)	5
Algebra II	5	Math (optional)	5
Physics w/ Lab	5	Science (optional)	5
World Languages (optional)	5	World Languages (optional)	5
Financial Literacy	2.5	Elective	5
Elective	5	Elective	5
Lunch		Lunch	

Boonton High School - *FOUR-YEAR SUMMARY WORKSHEET*

COURSES	GRADE 9	GRADE 10	GRADE 11	GRADE 12
English				
Mathematics				
Science				
Social Studies				
World Language				
21st Cent. Life & Career Ed.				
Visual & Perform. Arts				
PE/Health				
Financial Literacy				
Total Credits				

COURSE LEVELS

Many core courses are offered through Boonton High School for different ability levels: Special Services classes, College Prep, Honors Level, Dual Credit, and Advanced Placement. It is important for students to consider their interests, abilities, and time constraints when selecting a course schedule and especially a course level. Remember that courses should be selected based on individual abilities, needs, and involvement in sports and extra-curricular activities.

Enrollment in **Special Services** classes is based on the recommendation of the Child Study Team for students with an Individualized Education Plan (IEP). These courses are designed to accommodate various learning needs and learning differences. The Special Services outline below describes the course options available.

College Prep (CP) classes are the standard college prep level courses requiring students to work independently and have strong organizational skills. Average to above-average reading and writing skills are needed for success at this level.

Honors Level / Dual Credit/College Level courses require advanced facility with reading and with written and spoken language. Strong organizational skills and the ability for a student to work independently are required. Students are challenged to think abstractly and to demonstrate a facility with problem-solving skills in Honors level classes. Strong self-advocacy skills are of benefit at this level.

Advanced Placement (AP) courses follow a national curriculum which presents college-level work to high school students. The pace of these courses requires above-average skills related to work ethic and thinking and reasoning skills. Reading and written language skills should be above average in order for students to be successful. **Students are expected to take the AP level exam in the subject studied as well as attend AP hours.** AP courses are demanding and require independent study and learning on the part of the student.

SPECIAL SERVICES COURSES

Decisions regarding the appropriateness of a program option for a student with an educational disability are made through the Individualized Education Plan (IEP). The IEP is a written plan developed at a meeting with parent(s), teacher(s), member(s) of the Child Study Team, and a student. The IEP states the student's current educational status and needs, sets the goals and objectives for the student and describes the program and services necessary for the student to achieve the stated goals and objectives. The following are Special Education Program options offered through a student's IEP at BHS.

- **Pull-out Replacement Instruction**
This program serves those students who require individualized, small group instruction. It allows for modification in the pacing, content and scope of instruction in specific academic subjects with the benefit of a separate small group setting.
- **In-Class Resource Instruction**
This program serves those students who are capable of meeting the objectives and expectations of specific academic courses, but need assistance from the special education teacher in modifying methods, materials and/or strategies for learning. This program is provided within the regular class where general education and special education teachers collaboratively offer instruction.
- **General Education with a Shared Aide Instruction**
This program serves those students who are capable of meeting the objectives and expectations of specific academic courses, but need assistance from a shared aide who will provide assistance in order to maintain success in general academic courses.
- **Multiple Disabilities Program**
The Multiple Disabilities program is specifically targeted for special education students who will benefit from community work experiences. The emphasis of this program will be on students with more significant needs whose post-graduation plans are primarily focused on entry into the workforce. The students are

provided individualized and small group instruction in all major academic subjects in accordance with their IEPs, with emphasis on life skills and career development.

HONORS/DUAL CREDIT **COURSE OFFERING LIST**

LANGUAGE ARTS

English 9 Honors
English 10 Honors
English 11 Honors
Modern Classics Honors/Dual Credit

SCIENCE

Biology Honors with Lab
Chemistry Honors with Lab
Physics Honors with Lab
Human Anatomy Honors/Dual Credit

SOCIAL STUDIES

World History Honors
U.S. History I Honors
U.S. History II Honors

SOCIAL SCIENCES

American Government, Law & Politics Honors/Dual Credit
Sociology Honors/Dual Credit

STEM/TECHNOLOGY

Engineering Design Honors/Dual Credit
Architectural Design Honors/Dual Credit
Robotics Programming Honors/Dual Credit
Game Design Honors/Dual Credit

VISUAL AND PERFORMING ARTS

Music Theory Honors/Dual Credit
Art Major Honors
Art Portfolio: 2D Design Honors/Dual Credit
Advanced Photography/Portfolio
Photography Major (Digital) Honors/Dual Credit
Advanced Yearbook

MATHEMATICS

Algebra I Honors
Geometry Honors
Algebra II / Trig Honors
Pre -Calculus Honors
Calculus Honors

WORLD LANGUAGE

French II Honors
French III Honors
French Honors/Dual Credit
Spanish II Honors
Spanish III Honors
Spanish Honors/Dual Credit

BUSINESS

Accounting I Honors/Dual Credit
Business Finance Honors/Dual Credit
Business Law Honors/Dual Credit
Entrepreneurship Honors/Dual Credit
Accounting II Honors/Dual Credit

CRIMINAL JUSTICE

Criminal Justice System Honors/Dual Credit

EDUCATION

Tomorrow's Teachers Honors/Dual Credit

PHYSICAL EDUCATION

Exercise Science & Nutrition Honors

AP COURSE OFFERINGS

LANGUAGE ARTS

AP English (Language and Composition)
AP English (Literature and Composition)

MATHEMATICS

AP Calculus
AP Statistics

SCIENCE

AP Biology
AP Chemistry
AP Physics

SOCIAL STUDIES

AP World History
AP U.S. History II
AP Psychology

BUSINES

AP Macroeconomics

SOCIAL SCIENCES

AP Psychology

GATEWAY

AP Seminar
AP Research

STEM

AP Computer Science Principles
AP Computer Science A

COUNTY COLLEGE OF MORRIS

Child Development
Introduction to Security
Curriculum Teaching and Learning
Effective Preschool Practices

SCHEDULE CHANGES

Valid reasons for schedule changes are limited to the correction of a scheduling error, addition of a required course, addition of credits required by seniors for graduation, and an adjustment for New Jersey Virtual School and/or summer school completion.

Requests for teacher changes based merely on teacher personality or preferred teaching styles will not be honored. Boonton High School has an obligation to ensure equity in placement for all students based on their course needs.

Please note the following scheduling procedures:

It is the expectation of the Boonton High School administration and staff that a student demonstrating proficiency (earning a minimum grade of “C”) will remain in his/her scheduled course. Therefore, a student requesting a level change, who demonstrates such proficiencies, will need to present evidence of extenuating circumstances.

It is strongly suggested that each student review his/her end-of-year course achievement with teachers, parents/guardians and/or school counselors to determine if a level change is appropriate. Should a level change be necessary, students should contact the school counselor before the end of the school year. **Counselors are available on a limited basis over the summer to work on scheduling conflicts and errors.**

*****Any request for a schedule change (level and/or elective) must be made by:**

Tentative date-Thursday, June 1, 2020-(an e-blast will be sent with the final schedule change date)

SCHEDULE CHANGES DURING THE SCHOOL YEAR

DROPPING A COURSE

The request to drop a course should only occur after much thought and consultation have taken place. Students must make an appointment with their school counselor if they are contemplating dropping a course. Students requesting to drop a course from their schedule must submit a Scheduling Change Form to their counselor. On this form, the reason for requesting the change must be stated. It is the responsibility of the student to acquire all of the signatures necessary to process a level change, including a parent/guardian, counselor, teacher, Vice Principal, and department supervisor. All requests will be reviewed by the classroom teacher, counselor, and Vice Principal before rendering a decision.

A student may drop a full-year or first semester course within the first four weeks of the first marking. A student may drop a second semester course within the first four weeks of the third marking period. If a student drops a course during the first or second schedule change window, no notation will be recorded on the permanent record. Dropping a course during the third schedule change window will result in a grade of “WP” or “WF” on the student’s permanent record. **Please see the following chart for specific dates for the 2020-2021 school year.**

COURSE CHANGES

A change in the level of a specific subject may only be made after thorough discussion is held with the student, parent/guardian, counselor, teacher, department supervisor, and grade level Vice Principal. The level change must be approved by a parent/guardian and an administrator. There will be three time periods during which a student may change a level. Specific dates for each time period change will be posted at the start of the school year on the counseling web page and on the change request form. Each of these time periods carries with it different procedures for calculating the first marking period grade. The time periods and grade calculations are listed below:

Time Period	Changes Permitted	Transcript Notation	Grade Calculation for 1 st Marking Period
1	Move Up/Drop in level	None	Grade = 100% from new course; Moving up a level: Student will make up all missing work <i>including summer assignments by: TBD date</i> Dropping down a level: Student will make up all missing work with the exception of summer assignments
2	Drop in level only	None	Grade = 50% from original course and 50% from new course
3	Drop in level only	“WP” or “WF”	Grade = 100% from original course

The dates for the windows for course changes will be indicated online prior to the start of school in September on the Counseling webpage and will also be noted on the course change form. There will be strict adherence to course change windows. Please make sure that you keep the dates in mind when making course change decisions. During the first window, should a level change result in the loss of an elective course, a student will be permitted to replace his/her original elective selection based upon enrollment. No additional schedule changes will be made to accommodate that elective selection.

Please note: Seniors with schedule changes after their transcripts have been sent to colleges are responsible for notifying the colleges of the change and for having an updated transcript mailed to each college. Seniors should also keep in mind that mid-year grades and final transcripts are required by colleges and will reflect all course modifications.

INNOVATIVE PROGRAMS

AVID

The AVID (Advancement Via Individual Determination) Program is a four-year, nationally recognized program for motivated students who wish to take more challenging coursework (honors and Advanced Placement) in preparation for a two- or four -year college but feel they need additional support and individualized attention during the school day. The heart of the AVID Program is the AVID Elective, a 5-credit course that focuses on career and college readiness through tutorials, field trips, career planning, and college admissions preparation. The AVID Program is currently available for incoming 9th grade students through an application process.

Required Courses

AVID 9
AVID 10
AVID 11
AVID 12

THE ACADEMIES AT BOONTON HIGH SCHOOL

Course offerings subject to change

THE GATEWAY ACADEMY

The Gateway Academy is designed for students who meet stringent academic criteria. Students enrolled in The Gateway Academy have the potential to graduate with a minimum of thirty college credits accumulated over the course of four years. The Gateway Academy provides enrolled students with a liberal arts education, or the opportunity to pursue an offered academic concentration. Students graduating from The Gateway Academy also have the exclusive opportunity to earn the AP Capstone Diploma or the AP Seminar and Research Certificate.

Required Courses

The Gateway Academy 11
The Gateway Academy 12 (Senior Honors Thesis)
AP Seminar
AP Research

THE BUSINESS ACADEMY

The Business Academy is designed for students with an interest in business. Courses cover the major components of business including accounting, finance, economics, marketing, management, and entrepreneurship. The required courses, coupled with a unique field experience opportunity will prepare students for post-secondary studies and careers in business-related fields.

Required Courses

Business Administration
Accounting I (H/DC)
AP Macroeconomics
Business Law (H/DC)
Business Finance (H/DC)
Entrepreneurship (H/DC)

Field Experience -This immersive, required 100 hour experience introduces students to a variety of fields and topics related to business.

THE CRIMINAL JUSTICE ACADEMY

The Criminal Justice Academy is designed for students with an interest in law and the related areas of the criminal justice systems. Courses cover the major components of the criminal justice system including criminal justice, forensics, law enforcement, the legal system, and public safety. The required courses, coupled with a unique field experience opportunity will prepare students for post-secondary studies and careers in criminal justice related fields, including: police agencies, corrections, legal studies, investigative work, and private security.

Required Courses

Introduction to Criminal Justice
Forensic Science
Government, Law & Politics (H/DC)
Criminal Justice System (H/DC)
Sociology (H/DC)
Business Law (H/DC)
AP Psychology

Field Experience -This immersive, required 100 hour experience introduces students to a variety of fields and topics related to criminal justice.

THE STEM ACADEMY

The STEM Academy is designed for students with an interest in science, technology, engineering, and/or mathematics. Courses cover the major components of each discipline, providing students with an opportunity to further explore particular areas of interest. The required courses, coupled with a unique field experience opportunity will prepare students for post-secondary studies and careers in each of the STEM-related fields.

Required Courses

STEM (2020-2021)
AP Computer Science Principles
Game Design (H/DC)
Robotics Programming (H/DC)
Engineering Design (H/DC)
Architectural Design (H/DC)

Field Experience -This immersive, required 100 hour experience introduces students to a variety of fields and topics related to STEM.

THE TEACHING & LEARNING ACADEMY

The Teaching and Learning Academy is designed for students with an interest in education and human services. Courses cover the major components of teaching and learning including childhood development, curriculum, and pedagogy from early childhood through high school. The required courses, coupled with a unique field experience opportunity will prepare students for post-secondary studies and careers in education, social work, and related fields.

Students will graduate from this academy with their Child Development Associate (CDA) Educational Endorsement Certificate of Achievement, the only nationally recognized certification for Early Childhood Education. The nationally recognized credential has been accepted as a state requirement for working in many early childhood centers.

Required Courses

Current Topics in Education
Early Childhood Development (CDA Course 1)*
Curriculum, Teaching, and Learning (CDA Course 2)*
Capstone: Effective Preschool Practices (CDA Course 3)*
Tomorrow's Teachers H/DC
Sociology H/DC

Field Experience -This immersive, required 100 hour experience introduces students to a variety of fields and topics related to teaching and learning.

COURSES OF STUDY BY DEPARTMENT

All courses subject to change based on numbers and teacher availability
(Denoted in Red means course is not running in 2020-2021)

AVID

AVID 9 (9917)

Prerequisite: Entrance is by special application only and the desire and motivation to attend a four-year college upon graduation from high school.

5 Credits
Full Year
Grade 9

The AVID elective course is designed to prepare, in an academic context, students for entrance into four year colleges, with emphasis on analytical writing, preparation for college entrance exams (PSAT, SAT, ACT), college study skills and test taking, note taking, and research. The course features tutors who support student learning primarily in small groups in the AVID Elective class during the school day.

AVID 10 (9918)

Prerequisite: AVID 9

5 Credits
Full Year
Grade 10

This full year course, AVID Elective 10 is a college readiness course that will become the second course in a sequence of four for the AVID Program. This course will be required for all sophomores in the AVID Program and will provide 5 credits toward the 140 credits required for graduation. The course is aligned to the New Jersey Student Learning Standards for English, Technology, Social Studies, and Science, with an emphasis on CPIs in English and Technology. This course will provide students with academic support for AP, Honors and CPA level

courses and assist them in the development of career goals, while at the same time exposing them to colleges and universities. Students will attend college fairs and college visits through the Elective while preparing for college entrance exams. Students will continue to refine Cornell Notes, Costa's Questions, WICOR strategies, and Tutorials.

AVID 11
Prerequisite: AVID 10

5 Credits
Full Year
Grade 11

This full year course, AVID Elective 11 is a college readiness course that will become the third course in a sequence of four for the AVID Program. This course will be required for all juniors in the AVID Program and will provide 5 credits toward the 140 credits required for graduation. The course is aligned to the New Jersey Student Learning Standards for English, Technology, Social Studies, and Science, with an emphasis on CPIs in English and Technology. This course will provide students with academic support for AP, Honors and CPA level courses and assist them in the development of career goals, while at the same time exposing them to colleges and universities. Students in AVID Elective 11 will focus on beginning a Service Learning Research Project, the college application process, preparing for college entrance exams such as SAT and ACT, and continue to refine AVID strategies.

AVID 12
Prerequisite: AVID 11

5 Credits
Full Year
Grade 12

The AVID Elective 12 is a college readiness seminar course that will become the fourth course in a sequence of four, serving as the culmination of a student's years in the AVID Program. The AVID Elective 12 will place a strong emphasis on critical reading and writing, the completion of the AVID 11 Service Learning Research Project, and preparation for external exams, such as Advanced Placement and/or college entrance exams. This course will be required for all seniors in the AVID Program and will provide 5 credits toward the 140 credits required for graduation. The course is aligned to the New Jersey Student Learning Standards for English, Technology, Social Studies, and Science, with emphasis on CPIs in English and Technology. The AVID Elective 12 will provide students with continued academic support for AP, Honors and CPA level courses, while preparing them to attend four-year universities and assisting them in confirming their post-secondary plans. Students in the AVID Elective 12 will be required to develop and present a portfolio of their work in the AVID Program, as well as complete the requirements for this seminar course.

BUSINESS

Accounting I H/DC (0711)
Prerequisite: Personal Finance or Business Administration or Computer Applications

5 Credits
Full Year
Grades 10-12

This course is an introduction to the concepts of accounting principles and methods. Specific content includes a thorough explanation of the accounting cycle and how it pertains to service and merchandising business. Special subject areas include reconciliation statements, notes, and interest; adjusting and closing entries; and a variety of financial statements. This course fulfills the Financial Literacy or 21st Century Requirement.

AP Macroeconomics (0785)
Prerequisite: Teacher Recommendation

5 Credits
Full Year
Grades 10-12

This course is designed to prepare its students for the AP examinations in Macroeconomics. Economics is essentially about decision-making. Macroeconomics deals with the economy as a whole and examines issues such as economic growth, inflation and unemployment as well as the effectiveness of fiscal and monetary policy in promoting economic growth and stability. This course fulfills the Financial Literacy or 21st Century Requirement.

Business Administration (0714)**Prerequisite: None****5 Credits
Full Year
Grades 9-11**

This course will cover major fields of study within business including: economics, management, marketing, accounting and finance. It will also examine entrepreneurship, human resources, business law, career and financial planning, and the use of technology in business. This course fulfills the Financial Literacy or 21st Century Requirement.

Business Law Honors/Dual Credit (0700)**Prerequisite: Teacher Recommendation****5 Credits
Full Year
Grades 11-12**

This course focuses on the legal rights and responsibilities of citizenship. The student will become familiar with both business law and personal law. This course will provide an introduction to the law, business and personal contracts, and legal topics ranging from the U.S. Constitution to corporate expansion and regulation. This course does fulfill the 21st Century Requirement.

Business Finance Honors/Dual Credit (0704)**Prerequisite: Accounting & Teacher Recommendation****5 Credits
Full Year
Grades 11-12**

The objective of this course is to introduce the student to the basic principles of Financial Management. These principles include financial statement analysis, time value of money, bond valuation, stock valuation, the relationship between risk and return, capital budgeting, investment decisions, short term and long term financing decisions, financial planning, and options. This course fulfills the 21st Century or Financial Literacy Requirement.

Computer Applications (0701)**Prerequisite: None****5 Credits
Full Year
Grades 9-10**

This full year course covers the basic and advanced features of software applications using Microsoft Office. Students will learn Word/Docs (word processing), Excel/Sheets (spreadsheet), PowerPoint/Slides (presentation graphics) and Publisher. Students will apply their knowledge to create a research paper, and various documents including a business letter, resume, forms, and tables in Word. Using Excel/Sheets students will create worksheets, manage workbooks, create charts and tables, and utilize formulas, functions, and formatting features. During the course students will utilize PowerPoint/Slides to develop slide content, insert and format shapes, create organization charts, apply transitions, animations, and sound to create a multi-media presentation. Students will also utilize the Publisher program to produce personal and business-oriented products. This course does fulfill the 21st Century requirement.

Personal Finance (0710)**Prerequisite: None****2.5 Credits
Semester
Grades 9-12**

In this semester course, students will satisfy the graduation requirement for personal financial literacy; topics include Money Management, Borrowing, Earning Power, Investing, Financial Services and Insurance. This semester course will be taken with Introduction to Marketing. This course fulfills 2.5 of 5 credits required for the Financial Literacy or 21st Century Requirement.

Sports Marketing (0731)**Prerequisite: None****2.5 Credits
Semester
Grades 9-12**

The Purpose of Sports Marketing and Management is to furnish students with a basic understanding of the terminology and procedures involved in the sports industry. The level and style of presentation facilitate the development of a knowledge base that will allow students to obtain employment and to perform successfully in positions that require basic marketing and management knowledge. The sports industry is fast growing and has many opportunities. The goal is to better prepare students for this industry and open their eyes to the realities within the industry. This course **does not** fulfill the 21st Century or Financial Literacy Requirement.

Marketing (0703)**Prerequisite: None****5 Credits
Full Year
Grades 10-12**

Marketing focuses on finding a need, an audience and using tools to analyze interest and deliver products to the marketplace. Students will focus on promoting, pricing and selling products. Key aspects will include marketing information management, data analysis, product planning, distribution, and risk management. Students explore the functions of marketing by analyzing the concepts, researching existing company's marketing plans, and by participating in activities that illustrate and demonstrate a thorough understanding of the marketing process. This course does **not** fulfill the Financial Literacy Requirement but does fulfill the 21st Century Requirement.

Accounting II H/DC**Prerequisite: Accounting I H/DC & Teacher Recommendation****5 Credits
Full Year
Grades 11-12**

This course starts with the accounting cycle of a service operation; it continues with topics concerning merchandising operations, inventory, cash, and receivables. In addition, this course covers the acquisition, allocation, and disposal of property, plant, equipment, natural resources, and intangible assets. This course does **not** fulfill the Financial Literacy or 21st Century Requirement.

Entrepreneurship H/DC**Prerequisite: Business Administration & Teacher Recommendation
(Offered 2023-2024)****5 Credits
Full Year
Grade 12**

Students will determine the benefits and risks of self-employment and develop a specific competence in starting a small business. Students will discuss the implications of scarcity, analysis of current events, principles of microeconomics and macroeconomics, the economic role of government, effects of international trade, and financial choices. This course fulfills the Financial Literacy or 21st Century Requirement.

Marketing H/DC**Prerequisite: Sports Marketing & Teacher Recommendation
(Offered 2023-2024)****5 Credits
Full Year
Grades 10-12**

This course enables students to understand the basic concepts and tools of modern marketing practice and appreciate the importance of marketing decisions dealing with product, price, distribution and promotion. The course will emphasize the interplay between these marketing decisions and environmental forces (competitive, economic, technological, socio-cultural, and legal-regulatory). The course will also provide students with an understanding of consumer behavior, market research, market segmentation and positioning. This course fulfills the 21st Century Requirement.

BUSINESS

-----Full Year Courses (5 credits)-----

ACCOUNTING I *
HONORS DUAL CREDIT
Grades 10-12

BUSINESS FINANCE *
HONORS DUAL CREDIT
Grades 10-12

COMPUTER
APPLICATIONS
Grades 9-10

AP MACROECONOMICS *
Grades 10-12

BUSINESS *
ADMINISTRATION
Grades 9-11

BUSINESS LAW HONORS/
DUAL CREDIT
Grades 11-12

ENTREPRENEURSHIP *
HONORS/DUAL CREDIT
Grade 12

MARKETING
Grades 10-12

MARKETING
HONORS/DUAL CREDIT
Grades 10-12

ACCOUNTING II
HONORS/DUAL CREDIT
Grades 11-12

-----Semester Courses (2.5 credits)-----

PERSONAL FINANCE *
Grades 9-12

SPORTS MARKETING
Grades 10-12



↔ Denotes course pairing

* Fulfills Financial Literacy requirement

CRIMINAL JUSTICE

Introduction to Criminal Justice (0545)

Prerequisite: None

2.5 Credits

Semester

Grades 10-12 or Academy Admission

This course is recommended for students who desire to learn the history, organization, and functions of various components of the criminal justice system. The course focuses on the interrelationships among law enforcement agencies, prosecution, courts, correctional processes and institutions, probation, parole, juvenile justice, and other officials and their agencies. This semester course is taken in conjunction with Forensic Science.

Criminal Justice System H/DC

Prerequisite: Teacher Recommendation

(Offered in 2022-2023)

5 Credits

Full Year

Grades 11-12

A study of the overall system of criminal justice from its early historical development to its evolution within the United States. Identification of various sub-enforcement, courts and corrections; their role expectations and systems and components - law interrelationships; and basic premises of crime, punishment and rehabilitation.

Introduction to Security

Prerequisite: CCM Challenger Qualification

(Offered in 2022-2023)

CCM credits only

Full Year

Grades 11-12

The historical, philosophical and legal basis of security. The role of security and the security individual in modern society; the concept of professionalism; and the survey of the administrative, personnel and physical aspects of the security field. This course is offered as a Challenger Course through County College of Morris.

EDUCATION

Current Topics in Education

Prerequisite: None

5 Credits

Full Year

Grades 9-12

Students will gain an introduction to the historical, cultural, and philosophical foundations of our system of American public education.

Early Childhood Development (CDA Course 1)*

Prerequisite: None - (Fees may apply)

CCM credit only

Full Year

Grades 10-12

This course studies the growth and development of the child from birth through age eight. It will cover a variety of factors that influence child development such as diversity, culture, health, economic and family environment. Also it provides an overview of the major theorists in the field of human development. There will be discussion regarding these theorists' contributions to understanding how children grow and learn. Students will have the opportunity to observe and report on a variety of teaching and learning venues.

Curriculum, Teaching, and Learning (CDA Course 2)*

Prerequisite: Early Childhood Development

(Offered in 2021-2022)

CCM Credit only

Full Year

Grade 11-12

This course studies designing, implementing, and evaluating developmentally appropriate curriculum for children birth through age eight with a focus on language and literacy, social and emotional learning, creative arts, and social

studies, math, science and technology. A field work component includes observation of curriculum and teaching and learning in an Early Childhood Education setting.

CDA Capstone: Effective Preschool Practices (CDA Course 3)*

**Prerequisites: Early Childhood Development and Curriculum, Teaching and Learning
(Offered in 2022-2023)**

**CCM Credit only
Full Year
Grades 11-12**

This course studies effective, practical, research-based methods for developing preschool teachers. Course content is aligned with the national competency standards for the Child Development Associate (CDA) Credential. It will cover the essentials of planning a safe environment, advancing children's development, building family partnerships, program operations, professional development, authentic assessment, and principles of developmentally appropriate learning. Attention will also be given to current research on brain development in young children, designing the learning environment, professional ethics, and cultural competence.

Tomorrow's Teachers H/DC

**Prerequisite: Teacher Recommendation
(Offered in 2023-2024)**

**5 Credits
Full Year
Grades 11-12**

This course offers a study of the history, development, organization and practices of preschool, elementary and secondary education. This is a course for those students who possess exemplary interpersonal and leadership skills to consider teaching as a career.

GATEWAY

The Gateway Academy 11 (9915)

Prerequisite: Gateway Admission

**2.5 Credits
Full Year
Grade 11**

Students will participate in weekly mentor discussion group meetings and conduct independent and group research projects focused on college and career readiness. Students will develop leadership skills, and executive functioning skills including: interpersonal, public speaking, and technology skills. Students are required to present two major projects one for the entire class and one to Gateway peers. Students will also participate in lunchbox lectures and have the opportunity to attend college visits to help plan for college and career readiness.

The Gateway Academy 12-Senior Honors Thesis (9914)

Prerequisite: Gateway Admission

**2.5Credits
Full Year
Grade 12**

Students will participate in weekly mentor discussion group meetings and conduct an independent senior honors thesis project based on their career interests and aspirations. Students will analyze secondary research and conduct their own independent research on the topic selected. Students will develop leadership skills, and executive functioning skills including: interpersonal, public speaking, and technology skills. Students are required to present their final project at an end of year thesis program. Students will also participate in lunchbox lectures and have the opportunity to attend college visits to help plan for college and career readiness.

AP Capstone Description

AP Capstone equips students with the independent research, collaborative teamwork, and communication skills that are increasingly valued by colleges. AP Capstone is built on the foundation of two AP courses, AP Seminar and AP Research, and is designed to complement and enhance the in-depth, discipline-specific study provided through other AP courses. The AP Capstone curriculum fosters inquiry, research, collaboration, and writing skills through intensive investigation of topics from multiple perspectives.

AP Seminar (9916)

Prerequisite: Gateway Admission

5 Credits

Full Year

Grade 10

AP Seminar provides sustained practice of investigating issues from multiple perspectives and cultivates student writing abilities so they can craft, communicate, and defend evidence-based arguments. Students are empowered to collect and analyze information with accuracy and precision and are assessed through a team project and presentation, an individual written essay and presentation, and a written exam.

AP Research

**Prerequisite: AP Seminar & Teacher Recommendation
(Offered 2021-2022)**

5 Credits

Full Year

Grade 11

In AP Research, students develop the skills and discipline necessary to conduct independent research to produce and defend a scholarly academic thesis. This course allows students to explore deeply an academic topic, problem, or issue of individual interest and through this inquiry, students design, plan, and conduct a year-long mentored, research-based investigation. The course culminates in an academic thesis paper of approximately 5,000 words and a presentation, performance, or exhibition with an oral defense.

AP Capstone Diploma/AP Seminar and Research Certificate

Students who earn scores of 3 or higher in AP Seminar and AP Research and on four additional AP Exams of their choosing will receive the AP Capstone Diploma. This signifies their outstanding academic achievement and attainment of college-level academic and research skills.

Alternatively, students who earn scores of 3 or higher in AP Seminar and AP Research will receive the AP Seminar and Research Certificate signifying their attainment of college-level academic and research skills.

INDUSTRIAL ARTS

(ALL COURSES FULFILL 21st CENTURY REQUIREMENT)

Woodworking (0842)

Prerequisite: None

5 Credits

Full Year

Grades 9-12

This course is the foundation and prerequisite for all other woodworking courses. Students will gain experience in shop safety and efficiency in using hand and power tools. The students will also gain the concept of problem solving, develop and apply measurement skills and calculate geometric shapes (perimeter, circumference and area). By using shop work drawings and bill of material before construction, the student will gain a wide spectrum of work experience before, during, and after the construction of projects. The student will design and create projects of the quality and precision that is needed in construction-like settings. The student will be exposed to the use of woodworking machines, while developing a more intricate skill with hand and power tools.

Carpentry (0832)
Prerequisite: Algebra 1 and Woodworking

5 Credits
Full Year
Grades 10-12

This course emphasizes the basic skills and knowledge needed in the carpentry trade. Students learn the use of machine and hand tools and the operation of all common woodworking machines. Students enrolled in the program also learn the basics of home construction, planning, design and cost estimates. Safety, mathematics and related drawing are also taught. Students develop a thorough understanding of the aspects of residential home construction and an understanding of basic architectural principles. Students will also learn about and use composite materials such as: MDF, particle board and cabinet plywood integrating these into their designs.



LANGUAGE ARTS

English 9 College Prep (0401)
Prerequisite: None

5 Credits
Full Year
Grade 9

The English 9 curriculum offers a wide range of quality texts that span the canonical to the contemporary. Through the study of a variety of text types and media, students build knowledge, analyze ideas, delineate arguments, and develop writing, collaboration, and communication skills. The lessons within each of the modules are linked explicitly to the New Jersey State Learning Standards, and provide a rigorous and pedagogically-sound approach for how the standards can come alive with thoughtful planning, adaption, and instruction.

English 9 Honors (0400)
Prerequisite: Teacher Recommendation

5 Credits
Full Year
Grade 9

English 9 Honors is a more rigorous version of English 9 CP (described above) designed to challenge the highly-motivated student with advanced skills in reading and writing. Students are required to synthesize multiple texts that are longer or more complex and produce compositions with greater development. This course is designed to prepare students for AP level work.

English 10 College Prep (0423)
Prerequisite: None

5 Credits
Full Year
Grade 10

English 10 offers a variety of rich texts that engage students in analysis of literary and journalistic nonfiction as well as poetry, drama, and fiction. Both classic and contemporary authors are represented in grade 10 units. Working with these texts, students build knowledge, analyze ideas, delineate arguments and develop writing, collaboration, and communication skills. The lessons within the units are linked explicitly to the New Jersey Student Learning

Standards, and provide a rigorous and pedagogically-sound approach for how the standards can come alive with thoughtful planning, adaption, and instruction.

English 10 Honors (0421)

Prerequisite: English 1 Honors or Teacher Recommendation

**5 Credits
Full Year
Grade 10**

English10 Honors is a more rigorous version of English 10 CP (described above) designed to challenge the highly-motivated student with advanced skills in reading and writing. Students are required to synthesize multiple texts that are longer or more complex and produce compositions with greater development. This course is designed to prepare students for AP level work.

English 11 College Prep (0433)

Prerequisite: None

**5 Credits
Full Year
Grade 11**

The English 11 curriculum continues to develop students' skills in analyzing complex literary and informational texts as students delve deeply into works by acclaimed authors and historical figures, which may include classics from William Shakespeare, Mary Shelley, and Elie Wiesel as well as contemporary literature from Mark Haddon and Emily St. John Mandel. Through the study of a variety of text types and media, students build knowledge, analyze ideas, delineate arguments, and develop writing, collaboration, and communication skills. The lessons within each unit provide a rigorous exploration of New Jersey Student Learning Standards.

English 11 Honors (0431)

Prerequisite: American Literature Honors or Teacher Recommendation

**5 Credits
Full Year
Grade 11**

English 11 Honors is a more rigorous version of English 11 CP (described above) designed to challenge the highly-motivated student with advanced skills in reading and writing. Students are required to synthesize multiple texts that are longer or more complex and produce compositions with greater development.

AP ENGLISH (Language and Composition) (0435)

Prerequisite: American Literature Honors & Teacher Recommendation

**5 Credits
Full Year
Grade 11**

This AP English Language and Composition course will cultivate the reading and writing skills that students need for college success and for intellectually responsible civic engagement. The course guides students in becoming curious, critical, and responsive readers of diverse texts, and becoming flexible, reflective writers of texts addressed to diverse audiences for diverse purposes. The reading and writing students do in the course should deepen and expand their understanding of how written language functions rhetorically: to communicate writers' intentions and elicit readers' responses in particular situations. The course cultivates the rhetorical understanding and use of written language by directing students' attention to writer/reader interactions in their reading and writing of various formal and informal genres (e.g., memos, letters, advertisements, political satires, personal narratives, scientific arguments, cultural critiques and research reports).

Reading and writing activities in the course also deepen students' knowledge and control of formal conventions of written language (e.g., vocabulary, diction, syntax, spelling, punctuation, paragraphing, and genre). The course helps students to understand the formal conventions of the English language in its many written and spoken dialects which are historically, culturally, and socially produced; that the use of these conventions may intentionally or unintentionally contribute to the effectiveness or ineffectiveness of a piece of writing in a particular rhetorical context; and that a particular set of language conventions defines Standard Written English, the preferred dialect for academic discourse. Summer reading is required. Students are expected to complete the AP English Language and Composition Exam.

AP ENGLISH (Literature and Composition) (0436) **5 Credits**
Prerequisite: British Literature Honors or AP English Language and Composition **Full Year**
& Teacher Recommendation **Grade 12**

AP English Literature and Composition course engages students in the careful reading and critical analysis of literature. Through the close reading of selected texts, students deepen their understanding of the ways writers use language to provide both meaning and pleasure. As they read, students consider a work's structure, style, and themes, as well as its use of figurative language, imagery, symbolism, and tone. Writing assignments include expository, analytical, and argumentative essays that require students to analyze and interpret literary works. Summer reading is required. Students are expected to complete the AP English Literature and Composition Exam.

English 12 College Prep (0443) **5 Credits**
Prerequisite: None **Full Year**
Grade 12

The English 12 curriculum offers a wide range of quality texts that engage students in analysis of autobiographical nonfiction, speeches, poetry, drama, and fiction. The grade 12 modules comprise classic and contemporary voices, which may include works by Jhumpa Lahiri, Marjane Satrapi, Elie Wiesel and William Golding. Through the study of a variety of text types and media, students build knowledge, analyze ideas, delineate arguments, and develop writing, collaboration, and communication skills. The lessons within each of the units are linked explicitly to the New Jersey State Learning Standards and provide a rigorous and pedagogically-sound approach for how to bring the standards to life through thoughtful planning, adaption, and instruction.

Modern Classics Honors/Dual Credit (0474) **5 Credits**
Prerequisite: British Literature Honors or AP Language & Composition & **Full Year**
Teacher Recommendation **Grade 12**

This is a course designed for students who are capable of doing college level work in English and includes a presentation of representative modern writings with emphasis upon the historical, philosophical, and social influences from the turn of the century to the present. Expository/persuasive writing skills, as well as college essay writing, will be presented and reinforced during the year.

Senior Portfolio-ELA (0415) **Semester**
Prerequisite: None **Grade 12**

This course is designed for students who have not yet met their reading/writing graduation requirement.

Port of Entry ESL - Listening / Speaking (0481) **10 Credits**
Prerequisite: None **Full Year**
Grades 9-12

The Port of Entry (POE) ESL Listening/Speaking is required for non-English speaking students who have no proficiency in English or a low level of English proficiency. This course serves as the introductory course in the three level sequences of ESL courses. The emphasis of the course is the development of aural/oral language skills in order to use English to communicate for a variety of real purposes and audiences.

Port of Entry ESL - Reading /Writing (0481)
Prerequisite: None

This course is the companion course for POE ESL Listening/Speaking. It is designed to assist POE students in developing their knowledge of both reading and writing English language skills.

ESL Intermediate (0483)
Prerequisites: Successful completion of POE ESL, score of 15 on the TOR

10 Credits
Full Year
Grades 9-12

The Intermediate ESL course is designed to meet the needs of non-native speakers of English who already have some level of cognitive academic language proficiency in English.

ESL-Advanced (0484)
Prerequisites: Successful completion of Intermediate ESL

10 Credits
Full Year
Grades 9-12

This course uses a literature based approach. It encourages the students to use acquired reading and writing strategies in all content areas. A variety of texts and materials are used.

ELA-9 Strategies (0477)
Prerequisites: None

5 Credits
Full Year
Grade 9

This course is required for students who have been identified as needing remedial instruction in reading, writing, and test taking skills. The course will be geared to small group and individualized instruction. This course will emphasize on the skills needed to pass the state assessment graduation requirement.

ELA-10 Strategies (0478)
Prerequisites: None

5 Credits
Full Year
Grade 10

This course is required for students who have been identified as needing remedial instruction in reading, writing, and test taking skills. The course will be geared to small group and individualized instruction. This course will emphasize on the skills needed to pass the state assessment graduation requirement.

ELA 11-Strategies (0479)
Prerequisites: None

5 Credits
Full Year
Grade 11

This course is required for students who have been identified as needing remedial instruction in reading, writing, and test taking skills. The course will be geared to small group and individualized instruction. This course will emphasize on the skills needed to pass the state assessment graduation requirement.

Culture of Caring (0475)
Prerequisites: None

2.5 Credits
Semester
Grades 10-12

This exciting half year, elective course will introduce students to techniques to help decrease stress and anxiety while improving the capacity for focused attention and compassion through contemplative meditation techniques and different forms of creative expression. The second part of the course will expand its focus by extending this compassionate, caring perspective to the school community.

Culture of Caring-9(0402)
Prerequisites: None

2.5 Credits
Semester
Grade 9

This exciting half year, elective course will introduce students to techniques to help decrease stress and anxiety while improving the capacity for focused attention and compassion through contemplative meditation techniques and different forms of creative expression. The second part of the course will expand its focus by extending this compassionate, caring perspective to the school community. Course is taken in conjunction with a semester study hall.

Exploring Science Fiction (0476)
Prerequisites: None

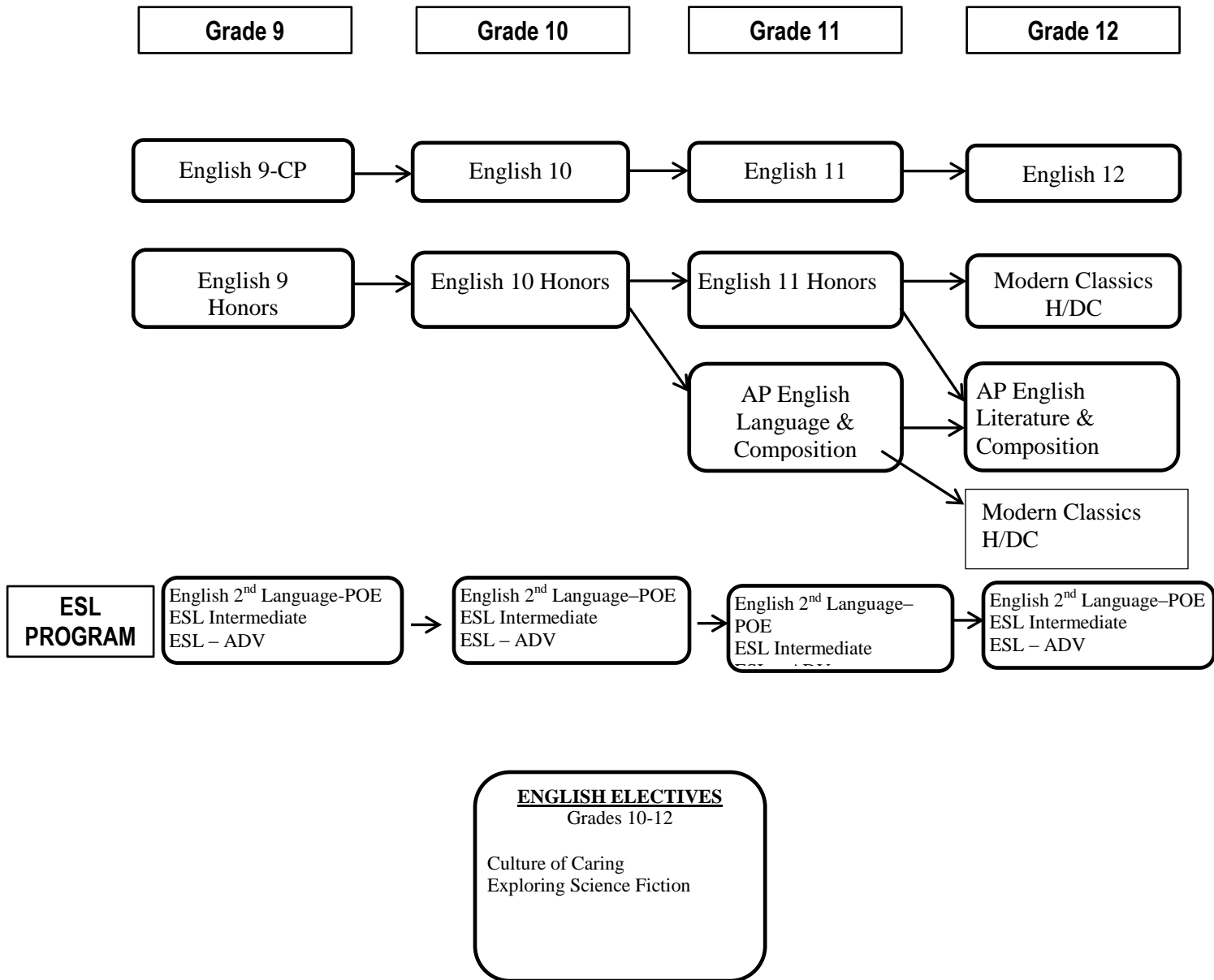
5 Credits
Full Year
Grades 10-12

In this course, students will examine the ways in which science fiction reflects contemporary culture. Works that have impacted our world today will be emphasized. In reading science fiction novels and short stories by authors from various time periods, students will sharpen their abilities to analyze, think critically, and to make both inter-textual and global connections. Students will use these skills in conducting research and in producing writing for various purposes and audiences.

How are they different? We will also discuss cultural, political, and social contexts of these works, as well as, symbolism. Symbolism is sometimes done deliberately by the creator and other times the symbolism is something relative to our own lives and therefore inferred. We will examine the deliberate use of symbolism in multiple mediums (art, literature, film, music, etc.).

ENGLISH

4 Years of English are required for graduation. All students must complete the minimum requirement of English 9-12. ESL fulfills the English requirement as well.



MATHEMATICS

Pre-Algebra (0344)

Prerequisites: Teacher Recommendation

5 Credits

Full Year

Grade 9

This course is designed for those grade 9 students who are not ready to be introduced to a traditional Algebra 1 course. Topics will include set theory, operations on signed numbers, combining like terms, solving basic linear equations, performing basic operations on matrices, graphing, probability and statistics (including data analysis). Students will also learn the functions of the TI-84 Plus. After successful completion of this introductory course, students will take Algebra 1.

Algebra I (0301)

Prerequisites: None

5 Credits

Full Year

Grades 9-10

This course is a complete and comprehensive first-year Algebra course with emphasis on the algebraic structure of the number system. Topics include solving equations and inequalities, quadratic functions, absolute value, factoring, matrices, and graphing linear and quadratic functions.

Algebra I Honors (0316)

Prerequisites: Teacher Recommendation/Placement Test

5 Credits

Full Year

Grades 9-10

This is an intensive and rigorous Algebra course designed for those students who excel in mathematics. Emphasis in this course is on the structure and properties of the real number system and the concept of function. Topics include solving linear equations and inequalities, graphing linear equations and functions, solving systems of equations, solving inequalities, factoring, Pythagorean Theorem, matrices, probability, and statistics.

Geometry (0323)

Prerequisites: Algebra I

5 Credits

Full Year

Grades 9-10

This course covers plane and solid geometry topics. The curriculum includes congruence, similarity, perpendicularity, parallelism, inequalities, polygons, circles, constructions, trigonometric ratios, and coordinate geometry. Extensive work is done with right triangles and circles. Proofs are introduced using inductive and deductive reasoning.

Geometry Honors (0321)

Prerequisites: Algebra I or Algebra I Honors, Teacher Recommendation

5 Credits

Full Year

Grades 9-10

This is a rigorous course in plane and solid geometry designed for the outstanding math student. The curriculum includes congruence, similarity, perpendicularity, parallelism, inequalities, polygons, circles, constructions, trigonometric ratios, and coordinate geometry. Content is studied with greater intensity and emphasis is put on proofs using inductive and deductive reasoning.

Algebra II (0333)**Prerequisites: Algebra 1; Co-requisite: Geometry****5 Credits
Full Year
Grades 11-12**

This course covers the Algebra 2 topics recommended by the Common Core Standards. It expands upon concepts learned in Algebra 1 regarding linear and quadratic functions and introduces complex numbers and rational exponents. It includes an intensive study of several families of functions including polynomial, radical, rational, exponential, logarithmic, and trigonometric. Also included, is an introduction to Statistics and higher level probability.

Algebra II/Trig Honors (0331)**Prerequisites: Algebra I Honors; Co-requisite: Geometry Honors & Teacher Recommendation****5 Credits
Full Year
Grades 11-12**

This course is designed for those students who have demonstrated exceptional ability and interest in mathematics. It is a rigorous, fast-paced course that covers the Algebra 2 topics recommended by the Common Core Standards. It expands upon concepts learned in Honors Algebra 1 regarding linear and quadratic functions and introduces complex numbers and rational exponents. It includes an intensive study of several families of functions including polynomial, radical, rational, exponential, logarithmic, and trigonometric. Also included, is an introduction to Statistics and higher level probability.

Pre-Calculus (0342)**Prerequisites: Algebra II****5 Credits
Full Year
Grades 11-12**

This course expands on the concepts learned in Algebra 2, and prepares students with the prerequisite knowledge to successfully complete Calculus courses in college. This course clarifies the concept of a function and covers different types of functions and their uses in a variety of areas in mathematics. Operations, compositions, and inverses of functions are covered in depth. Special emphasis will be placed on trigonometric functions, including: graphing, solving trigonometric equations, trigonometric identities and laws.

Pre-Calculus Honors (0368)**Prerequisites: Algebra II/Trig Honors & Teacher Recommendation****5 credits
Full Year
Grades 11-12**

This course covers all the topics needed to completely prepare the student for the Advanced Placement Calculus course the following year. Students receive a strong foundation in the concept of functions including polynomials, trigonometric, logarithmic, and other special functions. Operations on functions, composition, limits, continuity, and inverses of functions are covered in depth. Differentiation and its applications are also covered. Students will often work in groups, learning through a variety of student centered lessons.

Introduction to College Math (0370)**Prerequisites: Algebra II****5 credits
Full Year
Grade 12**

The goal of this course is to prepare students for college-level mathematics. This course will strengthen students' understanding of key mathematical concepts from Algebra 1, Geometry, and Algebra 2. The curriculum also includes new topics, such as geometric solids, probability and statistics. Students will explore practical applications of mathematics through projects, practice, and discussions.

Math Analysis (0371)**Prerequisites: Algebra I, Geometry****5 credits****Full Year****Grade 12**

In this course, students will reinforce topics from previous math courses with the additional layers of modeling and application. Through projects and real-world problems, students will achieve a deeper understanding of mathematical concepts. Explorations in algebraic and geometric applications will provide a deeper foundation for advanced topics beyond high school.

Calculus Honors (0369)**Prerequisite: Pre-Calculus or Pre-Calculus Honors, Teacher Recommendation****5 Credits****Full Year****Grade 12**

Honors Calculus brings together many of the concepts and understandings from algebra, geometry and trigonometry. The focus in the first half of the year will be on functions, limits and differential calculus with an emphasis on real world problems in the area of related rates, optimization and motion. The focus in the second half of the year will be on integral calculus with applications that include finding areas enclosed by the graphs of functions, finding the volumes of shapes defined by functions and calculating quantities by integrating derivative functions. This course is designed for those students not planning to take the AP Examination in Calculus.

AP Calculus (0350)**Prerequisite: Calculus Honors, Pre-Calculus Honors with a Teacher Recommendation****5 Credits****Full Year****Grade 12**

This rigorous course is intended for students from the honors group who have a thorough knowledge of college preparatory mathematics including Algebra, Geometry, Trigonometry, and Elementary Functions. This course, comparable to a first semester of college, consists of a full academic year of work in calculus and related topics. The course is divided into two main sections: derivatives and integrals. The students who complete this course will be eligible to take the Advanced Placement Calculus AB Test. Class time after the AP Test will be devoted to an introduction of Calculus II topics.

AP Statistics (0337)**Prerequisites: Algebra I, Geometry, Algebra II & Teacher Recommendation****5 Credits****Full Year****Grades 11-12**

The purpose of this class is to provide a college level alternative for seniors. Statistics AP will introduce students to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. There are four broad conceptual themes to this course.

- Exploring data: describing patterns and departures from patterns
- Sampling and experimentation: planning and conducting a study
- Anticipating patterns: exploring random phenomena using probability and simulation
- Statistical inference: estimating population parameters and testing hypotheses

Algebra I Strategies (3005)**Prerequisite: Teacher Recommendation****5 Credits****Full Year****Grades 9-10**

This course is designed for students who need additional instruction on their fundamental math skills in algebra. The goal is for success in math at a high school level. Course content will review and reinforce key skills from previous mathematics courses.

Geometry Strategies (3006)
Prerequisite: Teacher Recommendation

5 Credits
Full Year
Grades 9-11

This course is designed for students who need additional instruction on their fundamental math skills in geometry. The goal is for success in math at a high school level. Course content will review and reinforce key skills from previous mathematics courses.

Algebra II Strategies (3007)
Prerequisite: Teacher Recommendation

5 Credits
Full Year
Grades 10-12

This course is designed for students who need additional instruction on their fundamental math skills in Algebra 2. The goal is for success in math at a high school level. Course content will review and reinforce key skills from previous mathematics courses.

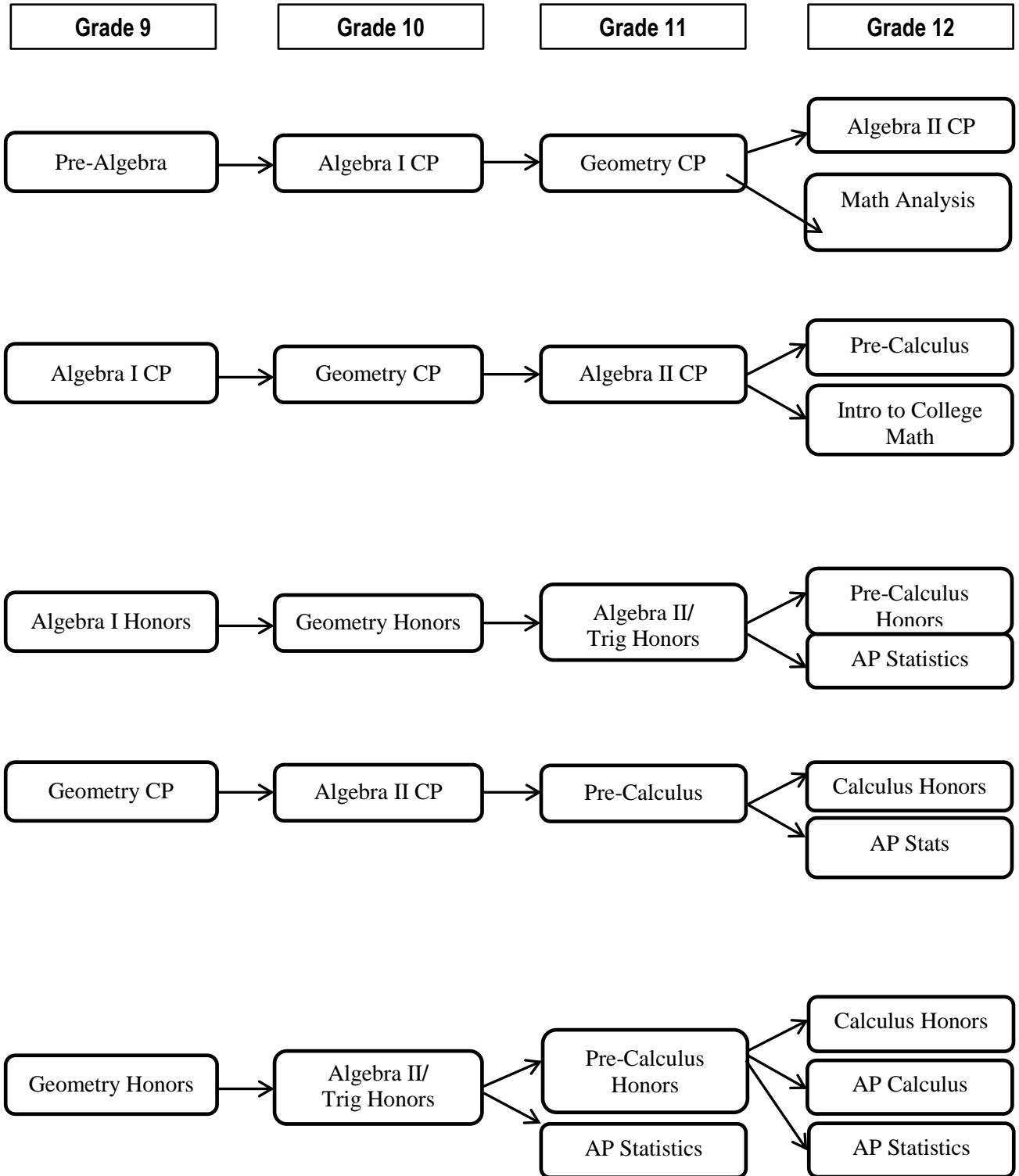
Senior Portfolio – Math (3029)
Prerequisite: None

Semester
Grade 12

This course is designed for students who have not yet met their Math graduation requirement through assessment.

MATH

3 Years of Math are required for graduation. All courses after the third year are considered electives but **MUST** be recommended by your current teacher. All students must take and pass a minimum of Algebra I, Geometry, and a third year of Math that builds on the concepts and skills of Algebra and Geometry and prepares students for college and 21st century careers.



PHYSICAL EDUCATION AND HEALTH

Physical Education 1 (6013)
Prerequisite: None

3.75 Credits
3 Marking Periods
Grade 9

Ninth Grade Physical Education classes will be grouped heterogeneously. Each class will receive instruction in basic skills and given drills to gain proficiency in the specific activity. These activities will primarily consist of team sports and are designed to gain proficiency, improve fitness, develop neuromuscular control, develop skills and knowledge that will have carry-over value, and instill cooperation and sportsmanship. The students are presented with opportunities for leadership, social growth, maturity, responsibility and self-esteem through a variety of activities. The students will have one unit in Success 101 that will focus on character education.

Health 1 (0612)
Prerequisite: None

1.25 Credits
1 Marking Period
Grade 9

Students in the ninth grade take health education for one marking period. Major units in the freshmen year include: appearance (skin, hair, dental), mental health (behavior, emotions, intelligence, mental mechanisms, neuroses, mental illness), alcohol, tobacco and drug abuse, human sexuality, and the value of exercises for wellness.

Physical Education 2 (6214)
Prerequisite: None

3.75 Credits
3 Marking Periods
Grade 10

Tenth Grade Physical Education classes will be grouped heterogeneously. Each class will review previously acquired skills and receive instruction and drills in advanced skills. This will be followed with the application of these skills in activities which will have emphasis on competition and strategy in team play. Instruction will emphasize a greater degree of proficiency, development and understanding of the specific activity. As in the previous year, fitness, neuromuscular control, carry-over value and cooperation and sportsmanship will be the objective.

Health 2 (Driver Education) (0622)
Prerequisite: None

1.25 Credits
1 Marking Period
Grade 10

This course consists of classroom instruction covering the skills, the attitudes, and responsibilities of the driver, and the importance of driving defensively. The Motor Vehicle rules of the State of New Jersey are studied and a State Examination concludes the classroom phase of Driver Education. Six clock hours of behind-the-wheel instruction can be secured from a private driving school.

Physical Education 3 (6033)
Prerequisite: None

3.75 Credits
3 Marking Periods
Grade 11

Eleventh Grade Physical Education classes will be heterogeneously grouped. Each class will review basic skills and stress team play. Individual and lifetime sports will be presented. Fitness and aerobic activities will be included.

Health 3 (0632)
Prerequisite: None

1.25 Credits
1 Marking Period
Grade 11

Students in the junior year also take health education for one marking period. Major units include: first aid, CPR, alcohol, tobacco and drug abuse, community health, nutrition and diets, leading causes of death (AIDS, cancers, heart diseases, suicide), and personal fitness programs. Students will learn about the importance of organ donations and the choices they have regarding this topic.

Physical Education 4 (6043)
Prerequisite: None

3.75 Credits
3 Marking Periods
Grade 12

The twelfth grade Physical Education classes will be heterogeneously grouped. Skills will be reviewed and students will take part in recreational and team play. Individual and lifetime activities will be stressed. Physical fitness activities will also be included.

Health 4 (0642)
Prerequisite: None

1.25 Credits
1 Marking Period
Grade 12

This course is designed to assist the student in coming to terms with physical and emotional maturity. The course will emphasize human relations and responsible decision making along with biological information on the male and female reproductive systems. Subject matter will include dating, marriage and parenthood, in addition to birth control, pregnancy and childbirth. A review of sexually transmitted diseases will include information on the prevention of AIDS. Students will learn about the importance of organ donations and the choices they have regarding this topic. Health career choices will be introduced to all students so they can learn about the opportunities that are in the workplace.

Exercise Science and Nutrition Honors (0648)
Prerequisite: Teacher Recommendation

5 Credits
Full Year
Grades 11-12

This course will guide you through nutritional and exercise strategies for optimal wellness and a healthy lifestyle. It will apply the basic nutritional theories, principles, and concepts for healthier living. Course content includes energy systems, hydration, food and drink nutritional content, weight management and body composition.

PHYSICAL EDUCATION AND HEALTH
Suggested Curriculum Sequence

Grade 9

Grade 10

Grade 11

Grade 12

PHYSICAL EDUCATION

Physical Education
9

Physical Education
10

Physical Education
11

Physical Education
12

HEALTH

Health 9

Health
10
Driver Education

Health
11

Health
12

ELECTIVES

Exercise Science
&
Nutrition H
Grades: 11-12

SCIENCE

(ALL AP SCIENCE CLASSES WILL BE ATTACHED TO A STUDY PERIOD)

Biology CP with lab (2112)

Prerequisite: None

6 Credits

Full Year

Grade 9

Concepts in the study of life are presented to students in this introductory biology lab based course. This course begins with an understanding of the scientific method and laboratory techniques. The course next explains the chemical components of life, and continues with a discussion of the cell and its processes. These broad biological concepts lead to the understanding of the dynamics of living things and their associated functions and structures at various levels of development. The laboratory protocols, cooperative learning techniques and enrichment activities are designed to enhance problem solving skills while exploring biological concepts.

Biology Honors with lab (2113)

Prerequisite: Teacher Recommendation

6 Credits

Full Year

Grades 9-10

Students in Honors Biology will discover the concepts of biology at a more advanced level and with a higher workload than CP. Topics covered in the course will be similar, but Honors students will be expected to understand the ideas at a deeper level and be able to apply them. Students will discuss real-world problems and applications for their knowledge, creating experiments to test hypotheses generated from these discussions. This will be a lab course, and students will be expected to assess and critique the experiments.

AP Biology (2013)

Prerequisite: Biology & Teacher Recommendation

6 Credits

Full Year

Grades 10-12

AP Biology places emphasis on the facts, principles, and processes of Biological Science that are usually presented in an introductory College Biology course. This lab based course provides opportunities for highly motivated and scientifically talented students to design and conduct individualized investigative studies and to extend their scientific interests and understandings. The curriculum to be followed is based on the guidelines of The College Board. Students successfully completing this course will be well prepared to take the Advanced Placement Biology examination, with the ability to gain college credit and/or placement.

Chemistry Concepts with lab (2117)

Prerequisite: Biology

6 Credits

Full Year

Grades 10-12

This course will follow the same outline as CP Chemistry including a deeper understanding of the periodic table and the formation of chemical bonds. The difference is that this course is designed for students who have traditionally struggled in math. The chemistry in this course will focus on deeper understanding of concepts, critical thinking, and drawing connections, rather than completing problems. Students will still be expected to design experiments, complete labs and analyze information. Upon completion, students will be able to bring concepts from this class to further studies in the sciences.

Chemistry CP with lab (2114)
Prerequisite: Biology and Algebra I (any)

6 Credits
Full Year
Grades 10-12

This course will include the fundamental concepts of inorganic chemistry with a strong emphasis on associated mathematical precepts. Laboratory skills and techniques will be companioned to integrate theoretical principles with hands-on activities. A core base of creative thinking skills will be utilized in the formulation of theory, in experimental design, and in problem solving. The students will be equipped with the abilities necessary to pursue further studies in the sciences.

Chemistry Honors with lab (2115)
Prerequisite: Biology, Algebra I
Co-requisite: Geometry or Algebra II & Teacher Recommendation

6 Credits
Full Year
Grades 10-12

Students in this course will work on topics similar to CP, but with the added component of application. Honors-level chemistry expects students to analyze situations and apply the knowledge and skills that they have learned from the course. There will be a larger integration of mathematical concepts in solving of problems, and problems will be more open-ended. Research, presentations, and discussions will also play a greater role in Honors versus CP expectations.

AP Chemistry (2015)
Prerequisite: Biology Honors/AP, Algebra II & Teacher Recommendation

6 Credits
Full Year
Grades 11-12

AP Chemistry is a chemical education lab based course designed to be the equivalent to a general Chemistry course taken the first year of college. The AP Chemistry course will focus on a model of instruction which promotes enduring, conceptual understandings of chemistry concepts and the content that supports them. This approach enables students to spend less time on factual recall and more time on inquiry-based learning. Students successfully completing this course will be well prepared to take the Advanced Placement Chemistry examination, with the ability to gain college credit and/or placement.

Physics Concept with Lab (2118)
Prerequisite: Algebra I

6 Credits
Full Year
Grades 11-12

Physics Concept provides a conceptually-based exposure to the fundamental principles and processes of the physical world. Topics include basic concepts of optics, waves, motion, forces, energy, electricity, magnetism, and the structure of matter and the universe. Students develop critical thinking and problem solving skills, which will be practiced during laboratory and other active learning activities.

Physics CP with lab (2116)
Corequisite: Algebra II

6 Credits
Full Year
Grades 11-12

The physics lab based course provides a systematic introduction to the main principles of Physics and emphasizes the development of problem-solving ability. It includes topics in both classical and modern physics. Topics to be covered include: motion, energy, heat, optics, electricity and magnetism, conservation laws, relativity and other modern concepts. Relying on the student's proficiency in algebra and geometry, rigorous problem solving exercises will play a large part in the course. Individual and group research projects will be assigned throughout the year.

Physics Honors with lab (2119)
Prerequisite: Algebra II/Teacher Recommendation

6 Credits
Full Year
Grades 11-12

The physics honors lab based course provides a systematic introduction to the main principles of Physics and emphasizes the development of problem-solving ability. It includes topics in both classical and modern physics. Topics to be covered include: motion (linear and circular), gravitation, momentum, energy, conservation laws, simple harmonic motion, electricity and magnetism, optics, and other modern concepts. Relying on the student's proficiency in algebra and geometry, rigorous problem solving exercises will play a large part in the course. Individual and group research projects will be assigned throughout the year.

AP Physics – (2017)
Prerequisite: Algebra II, Physics & Teacher Recommendation

6 Credits
Full Year
Grades 11-12

The AP Physics lab based course provides a systematic introduction to the main principles of Physics and emphasizes the development of problem-solving ability. It includes topics in both classical and modern physics. Knowledge of algebra, geometry, and basic trigonometry is required for the course. Understanding of the basic principles involved and the ability to apply these principles to the solution of problems are the major goals of the course. The curriculum to be followed is based upon policies and outlines developed by the College Board. Students successfully completing the course will be well prepared to take the Advanced Placement Physics examination, with a view to gaining college credit and/or placement.

Physical Science (2120)
Prerequisite: Biology

6 Credits
Full Year
Grades 11-12

This course concentrates on topics of both chemistry and physics. The first half of the school year concentrates on the following chemistry-focused topics: Matter and its interactions, The Periodic Table, acids and bases and chemical reactions. The second half of the school year concentrates on the following physics-focused topics: Motion, energy, waves, sound, light, magnetism, and electricity. Students will be encouraged to think outside the box, and relate many subtopics to real world applications through opportunities in class.

Forensic Science (2127)
Co-requisite: Biology

2.5 Credits
Semester
Grades 10-12 or Academy Admission

The Forensic Science course applies biology, chemistry, physical science, and technology to the analysis of criminal acts and law enforcement. Forensic Science is offered as a half-year elective course to students who have successfully completed biology and chemistry or have a comparable science background. Students will apply scientific methods and employ related science disciplines to consider aspects of evidence relevant to crime scenes. The course will involve presentations, discussions, projects, laboratory investigations, use of technology, and readings. In addition, the student will be exposed to career opportunities in the area of criminalistics and forensic science. This course is linked with Criminal Justice.

Human Growth and Development (2000)
Prerequisite: Biology

2.5 Credits
Semester
Grades 10-12

In this course, students will examine theories of human development and milestones of physical, socio-emotional, and cognitive development. Students will describe genetic and physical development of children and adolescents, understand the effects of a wide range of influences on development, examine the brain's development during adolescence, and consider how external factors affect physical and cognitive development. This course is linked with World Wide Medical Trends.

Worldwide Medical Trends (2125)**Prerequisite: Biology****2.5 Credits****Semester****Grades 10-12**

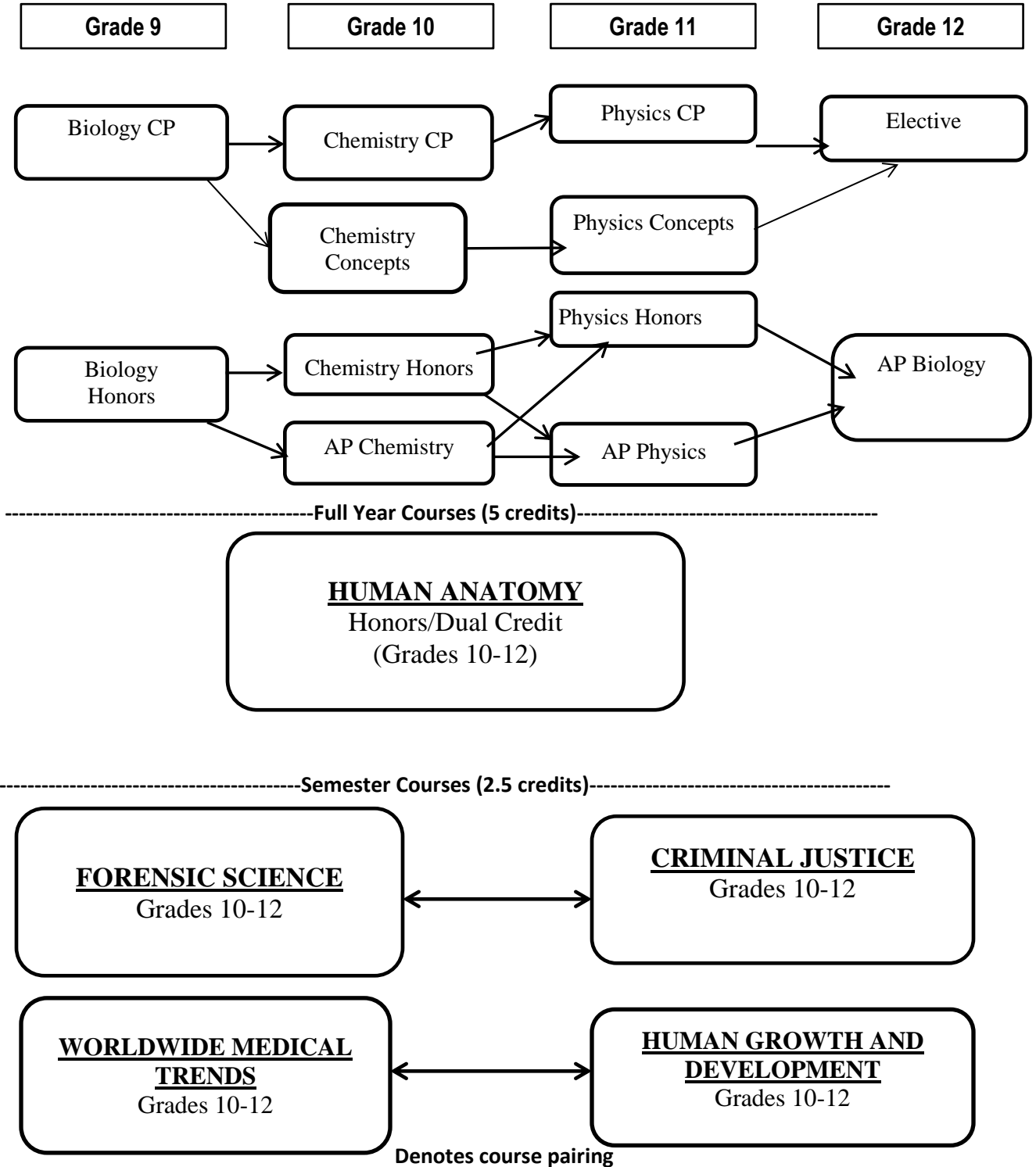
This current events course will track the development of emerging medical issues throughout the world. Students will research and discuss the impact of real world disease, research, testing, and treatment issues. Ethics and scientific merit will play a major role in these discussions as students form and defend opinions on the behaviors of the medical professionals involved. Presentations, discussions, research, analysis, and debates will form the primary format of the class. This class is linked with Human Growth and Development.

Human Anatomy Honors/Dual Credit (2126)**Prerequisite: Biology & Teacher Recommendation****5 Credits****Full Year****Grades 11-12**

The human anatomy course is an introduction to the study of the structure and functions of the human body. It is a lab science course designed for students who are interested in furthering their understanding of the human body. The course will enable students to survey the structure of the body on a systematic basis. Discussions of the systems and organs will incorporate the cellular and tissue levels of the body. This is a full year course and animal dissections are a significant part of the coursework.

SCIENCE

15 credits with at least 5 credits in each: • Laboratory biology/life science or the content equivalent • Laboratory/inquiry-based science course (i.e., chemistry or physics) • Laboratory/inquiry-based science course



SERVICE/STUDY

School Service (0556)
Guidance/Vice Principal selection only

Full Year
Grade 12

Senior students have the opportunity to provide service during the school day at Boonton High School. Assignments for school service include the main office, Guidance suite, health clinic, library/media center, computer/technology labs, and the athletic department. Students perform a variety of tasks related to the assignment. These assignments are limited and competitive, therefore only students in good academic standing and those with good attendance will be considered. Each candidate must complete an application and be approved by the staff member he/she is assigned to. Students must have a 3.5 unweighted GPA to be considered.

AVID 9 Service (0561)
AVID Coordinator selection only

Full Year
Grades 11-12

Junior students have the opportunity to serve as cross age tutors in the AVID 9 elective.

AVID 10 Service (0562)
AVID Coordinator selection only

Full Year
Grade 12

Senior students have the opportunity to serve as cross age tutors in the AVID 10 elective.

Academic Study Hall (0560)
Guidance selection only

Full Year
Grades 10-12

The Academic Study Hall provides students with a structured, scheduled academic environment that provides the opportunity to complete assignments. Qualification for this class will be based on strength of schedule, grade level and recommendation of school counselor. Students are assigned to an instructor for the class period and are required to adhere to behavioral and academic expectations.

Academic Study Hall-9 (0559)

Semester
Grade 9

The Academic Study Hall provides students with a structured, scheduled academic environment that provides the opportunity to complete assignments. This study hall will run for one semester during freshmen year and will be partnered with a semester of Culture of Caring-9. Students are assigned to an instructor for the class period and are required to adhere to behavioral and academic expectations.

SOCIAL SCIENCES

American Government, Law and Politics H/DC (0570)
Prerequisite: Teacher Recommendation

5 Credits
Full Year
Grades 11-12

Students will examine our U.S. Constitution as the most legitimate source of political authority in our nation and how this document has been interpreted over time. Central to this discovery is the analysis of American political culture, and the purpose and function of our three federal branches. Along with this comes an analysis of American political sources both historical and contemporary with an emphasis on recognizing perspective and bias with these sources. In addition, students will look to our state and local governments to better understand how power is divided within our federalist system.

Honors/Dual Credit American Government provides a college-level introduction to key political concepts, ideas, institutions, policies, interactions, roles, and behaviors that characterize the constitutional system and political culture of the United States. Students will study U.S. foundational documents, Supreme Court decisions, and other texts and visuals to gain an understanding of the relationships and interactions among political institutions, processes, and behavior. They will also engage in disciplinary practices that require them to read and interpret data, make comparisons and applications, and develop evidence-based arguments. In addition, they will complete a political science research or applied civics project.

Applied Psychology (0511)
Prerequisite: None

2.5 Credits
Semester
Grades 10-12

This semester elective offers students a chance to bring psychological concepts into their own lives. Assertiveness training, conflict resolution, frustration, ego defense mechanisms, peer pressure, and self-esteem are topics included in this course, as well as exploration into early childhood development, group psychology, criminology, health, gender, and abnormal psychology. This semester course is taken in conjunction with Principles of Sociology.

Principles of Sociology (0532)
Prerequisite: None

2.5 Credits
Semester
Grades 10-12

This semester course explores major problems in contemporary society. Concepts such as teen issues, crime and violence, the role of the family, race and ethnic relations, collective behavior and social movements are studied. This semester course is taken in conjunction with Applied Psychology.

AP Psychology (0518)
Prerequisite: American Literature H or US History I H or Sociology
& Teacher Recommendation

5 Credits
Full Year
Grades 11-12

The purpose of the AP course in Psychology is to introduce the systematic and scientific study of the behavior and mental processes of human beings and other animals. Included is a consideration of the psychological facts, principles, and phenomena associated with each of the major subfields within psychology. Students also learn about the ethics and methods psychologists use in their science and practice. The aim of this course is to provide a learning experience equivalent to that obtained in most college introductory psychology courses.

This course covers the following topics: History and Approaches, Research Methods, Biological Bases of Behavior, Sensation and Perception, States of Consciousness, Learning, Cognition, Motivation and Emotion, Developmental Psychology, Personality, Testing and Individual Differences, Abnormal Psychology, Treatment of Psychological Disorders, and Social Psychology. This course prepares students to take the Advanced Placement Exam in Psychology.

Sociology H/DC
Prerequisite: Teacher Recommendation

5 Credits
Full Year
Grades 10-12

This full year course explores major problems in contemporary society. Concepts such as teen issues, crime and violence, education, the role of the family, race and ethnic relations, collective behavior and social movements are studied.

SOCIAL STUDIES

World History College Prep (0501)
Prerequisite: None

5 Credits
Full Year
Grade 9

This course is aimed at providing students with the historical knowledge, skills and attitude that will enable them to make rational and informed decisions about economic, cultural, and political questions forcing our interdependent world. Students' critical thinking skills and analytical writing skills will be enhanced through assignments.

World History Honors (0500)
Prerequisite: Teacher Recommendation

5 Credits
Full Year
Grade 9

This course is recommended for the highly motivated students who have a keen interest in history and who are considering taking future advanced history courses. Through the use of varied textual reading and research, students will be introduced to the key historical developments from the Age of Global Encounters to the Modern Age. Students' critical thinking skills and analytical writing skills will be enhanced through assignments.

AP World History (0575)
Prerequisites: AP US History (11-12th grade) or Teacher Recommendation

5 Credits
Full Year
Grades 11-12

AP World History is designed to be the equivalent of a two-semester introductory college or university world history course. In AP World History students investigate significant events, individuals, developments, and processes in six historical periods from approximately 8000 B.C.E. to the present. Students develop and use the same skills, practices, and methods employed by historians: analyzing primary and secondary sources; making historical comparisons; utilizing reasoning about contextualization, causation, and continuity and change over time; and developing historical arguments. The course provides five themes that students explore throughout the course in order to make connections among historical developments in different times and places: interaction between humans and the environment; development and interaction of cultures; state building, expansion, and conflict; creation, expansion, and interaction of economic systems; and development and transformation of social structures. This course prepares students to take the Advanced Placement World History Exam.

U.S. History I College Prep (0523)
Prerequisite: None

5 Credits
Full Year
Grade 10

This course is a chronological study of America from the beginning of a new society to the end of World War I. United States History is presented as a multidimensional discipline with a focus on certain themes to promote understanding of the patterns of history and their connections to the present. Students' critical thinking skills and analytical writing skills will be enhanced through assignments.

U.S. History I Honors (0540)
Prerequisite: Teacher Recommendation

5 Credits
Full Year
Grades 9- 10

This course is recommended for the highly motivated students who have a keen interest in history and who are considering taking future advanced history courses. The class is designed to provide students with analytical skills and factual knowledge necessary to discuss critical trends, events, and movements in the United States. Students are required to do extensive reading and writing assignments. In addition, this course requires the completion of summer work.

AP U.S. History (0541)
Prerequisite: U.S. History I Honors & Teacher Recommendation

5 Credits
Full Year
Grades 10-11

This Advanced Placement course is designed to give students grounding in the subject matter of the United States History and in major interpretive questions that derive from the study of selected themes. The objective of this course is to prepare students to succeed on the AP U.S. History examination. The summer assignment is an analytical book report on All Quiet on the Western Front by Erich Maria Remarque. In addition, this course requires the completion of summer work.

U.S. History II College Prep (0533)
Prerequisite: U.S. History 1

5 Credits
Full Year
Grade 11

This course is a chronological study of America from the end of World War I to the present day. United States History is presented as a multidimensional discipline with focus on certain themes to promote understanding of the patterns of history and their connections to the present. Students' critical thinking skills and analytical writing skills will be enhanced through assignments.

U.S. History II Honors (0534)
Prerequisite: Teacher recommendation

5 Credits
Full Year
Grades 10-11

This course is recommended for the highly motivated students who have a keen interest in history. Through the use of varied textual readings and research, students will be introduced to the key historical developments from the end of World War I to the present day. Students' critical thinking skills and analytical writing skills will be enhanced through a variety of analytical reading and writing assignments.

SOCIAL STUDIES

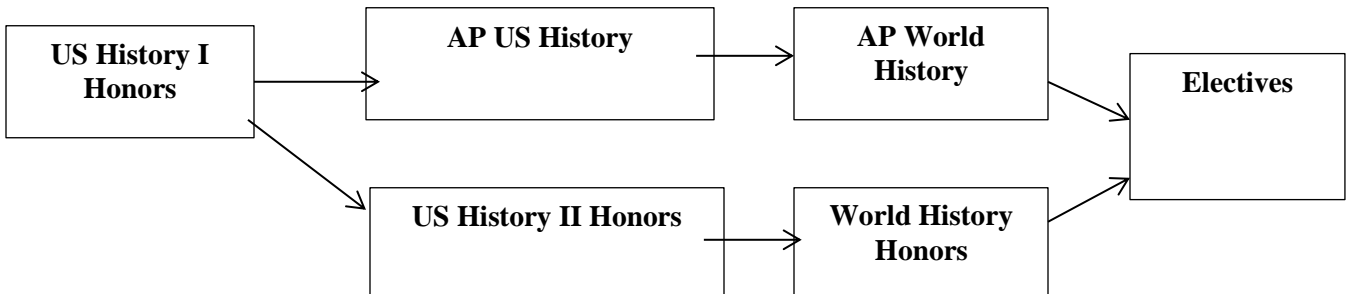
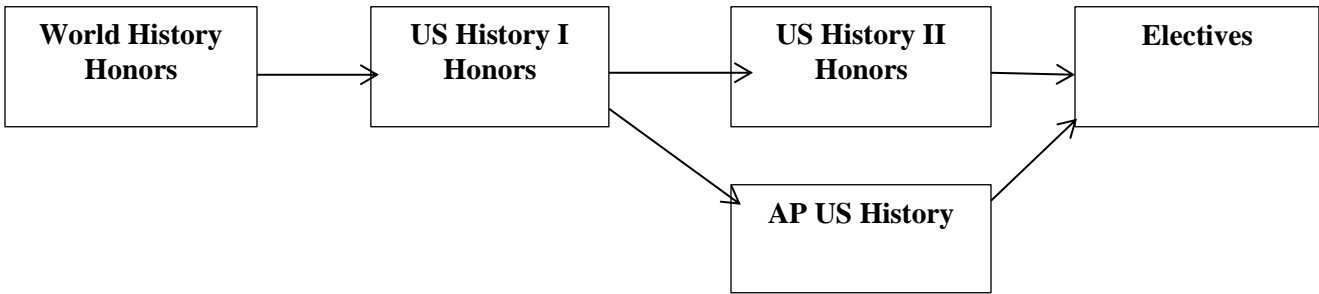
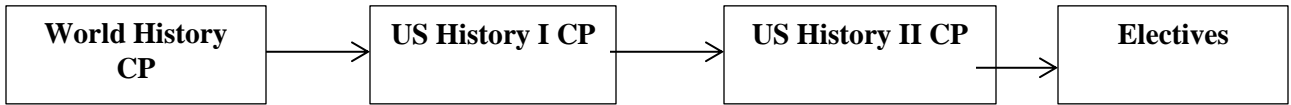
3 years of Social Studies are required for graduation. These courses include World History, US History I and US History II. AP courses have prerequisite requirements.

Grade 9

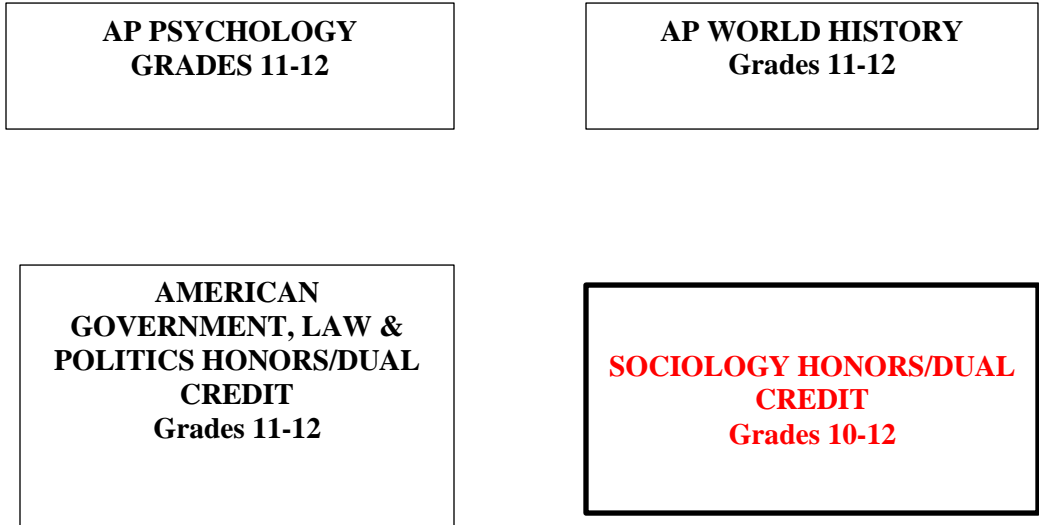
Grade 10

Grade 11

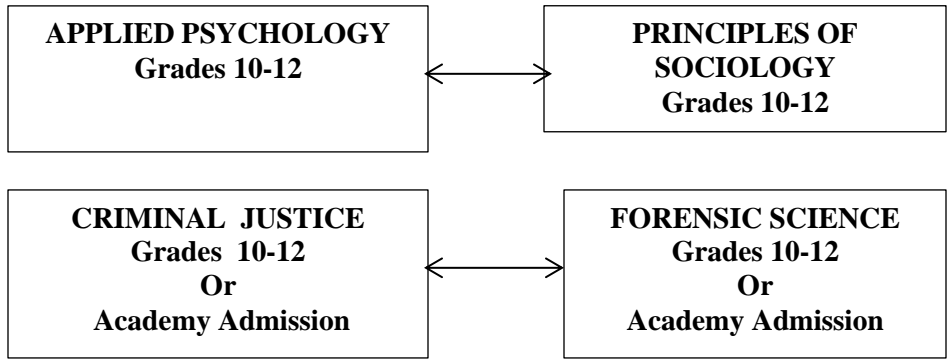
Grade 12



SOCIAL SERVICE/SOCIAL STUDIES ELECTIVES
Full Year Courses (5 Credits)



SEMESTER COURSES (2.5 CREDITS)



↔ Denotes course pairing

STEM/TECHNOLOGY

STEM (0814)
Prerequisites: None

5 Credits
Full Year
Grades 9-12

The goal of this course is to give students the skills they need to succeed in the STEM fields. These skills include, but are not limited to: mastery of group dynamics, problem identification, brainstorming, critical thinking, long-term planning, and reflection. Exposure to various aspects of technology will be accomplished through hands on projects and research. This will allow students to identify areas of interest for future in-depth exploration. Topics examined during the course include communications technology, graphic design, web design, programming, gaming, robotics, environmental technology, biotechnology, biomedical manufacturing, construction, computer aided design (CAD), product design, and architecture. There will be a strong focus on the real world applications of each unit. This course fulfills the 21st Century Requirement.

Technology Design (0845)
Prerequisites: None

5 Credits
Full Year
Grades 9-12

The purpose of this course is to explore modules of technological concepts in basic technology design with the next level of complexity and independent study project assignments. Also, this course is a study of alternate energy sources, nuclear energy, and relating concepts. As with all technology department based courses, problem solving and design are an integral part of all aspects of the lab, to stimulate the student's ability to comprehend and cultivate the student's capacity to be self-reliant. This course fulfills the 21st Century Requirement.

Graphic Design (0890)
Prerequisites: STEM or Technology Design

5 Credits
Full Year
Grades 10-12

In this course, students will learn how to critically evaluate website quality, learn how to create and maintain quality web pages, and learn to create and manipulate images through the use of Photoshop. The course progresses from introductory work on web design and image engineering towards a culminating project in which students design and develop a functional website including student-designed images. This course fulfills the 21st Century Requirement.

Robotics Programming (0888)
Prerequisites: STEM

5 Credits
Full Year
Grades 10-12

This course is aimed at students with little or no programming/ robotics experience. The goal is to provide students with an understanding of multiple programming languages as well as robot mechanisms and basic fabricating. Students will begin by building basic robots and learning essential programming to control them. As the year progresses, students will focus on designing and programming robots to solve real world problems. Specific program languages/ tools will be at the discretion of the teacher and will be based on the robot needs, but may include: C++, EV3, Java, MIT App Inventor, and Scratch. This course fulfills the 21st Century Requirement.

Game Design (0889)
Prerequisite: STEM

5 Credits
Full Year
Grades 10-12

This course provides an introduction to the fundamental technologies behind computer games as well as hands-on experience in the design and development of a computer game. Students will learn basics of programming to create their own games in Java, Flash, or other platforms at the instructor's discretion. This course fulfills the 21st Century Requirement.

Product Design (0891)
Prerequisites: STEM or Technology Design

5 Credits
Full Year
Grades 10-12

Product Design and Development is a project-based course that covers modern tools and methods for product design and development. The cornerstone is a project in which teams of management, engineering, and industrial design students conceive, design and prototype a physical product. Class sessions balance between learning about current design and production devices and hands-on exercises to reinforce key ideas. Topics include identifying customer needs, concept generation, product architecture, industrial design, and design-for-manufacturing. This course fulfills the 21st Century Requirement.

Architectural Design Honors/Dual Credit (0892)
Prerequisites: STEM or Technology Design & Teacher Recommendation

5 Credits
Full Year
Grades 11-12

This college level course introduces design studio instruction to students contemplating architecture as a field of study or career. Students will learn basic design drawing and model making as well as the importance of aesthetic elements and designing with real-world constraints. This course fulfills the 21st Century Requirement.

Engineering Design Honors/Dual Credit (0893)
Prerequisites: STEM or Technology Design & Teacher Recommendation

5 Credits
Full Year
Grades 11-12

This college level course introduces students to the practice of engineering design. Students will use hand tools, reverse engineering, the creative process, and the various career paths within engineering. This course is intended for any student interested in understanding the basics of engineering design and learning about engineering as a possible career. This course fulfills the 21st Century Requirement.

AP Computer Science Principles (0894)
Prerequisite: STEM or Gateway Admission & Teacher Recommendation

5 credits
Full Year
Grades 9-12

AP Computer Science Principles is an introductory college-level computing course. Students cultivate their understanding of computer science through working with data, collaborating to solve problems, and developing computer programs as they explore concepts like creativity, abstraction, data and information, algorithms, programming, the internet, and the global impact of computing.

AP Computer Science A (0895)**Prerequisite: Robotics Programming or Gaming Technology & Teacher Recommendation****5 Credits
Full Year
Grades 11-12**

The AP Computer Science course is an introductory course in computer science. Because the design and implementation of computer programs to solve problems involve skills that are fundamental to the study of computer science, a large part of the course is built around the development of computer programs that correctly solve a given problem. These programs should be understandable, adaptable, and, when appropriate, reusable. At the same time, the design and implementation of computer programs is used as a context for introducing other important aspects of computer science, including the development and analysis of algorithms, the development and use of fundamental data structures, the study of standard algorithms and typical applications, and the use of logic and formal methods. In addition, the responsible use of these systems is an integral part of the course.

Robotics Programming H/DC**Prerequisite: AP Computer Science Principles & Teacher Recommendation
(Offered 2022-2023)****5 Credits
Full Year
Grades 10-12**

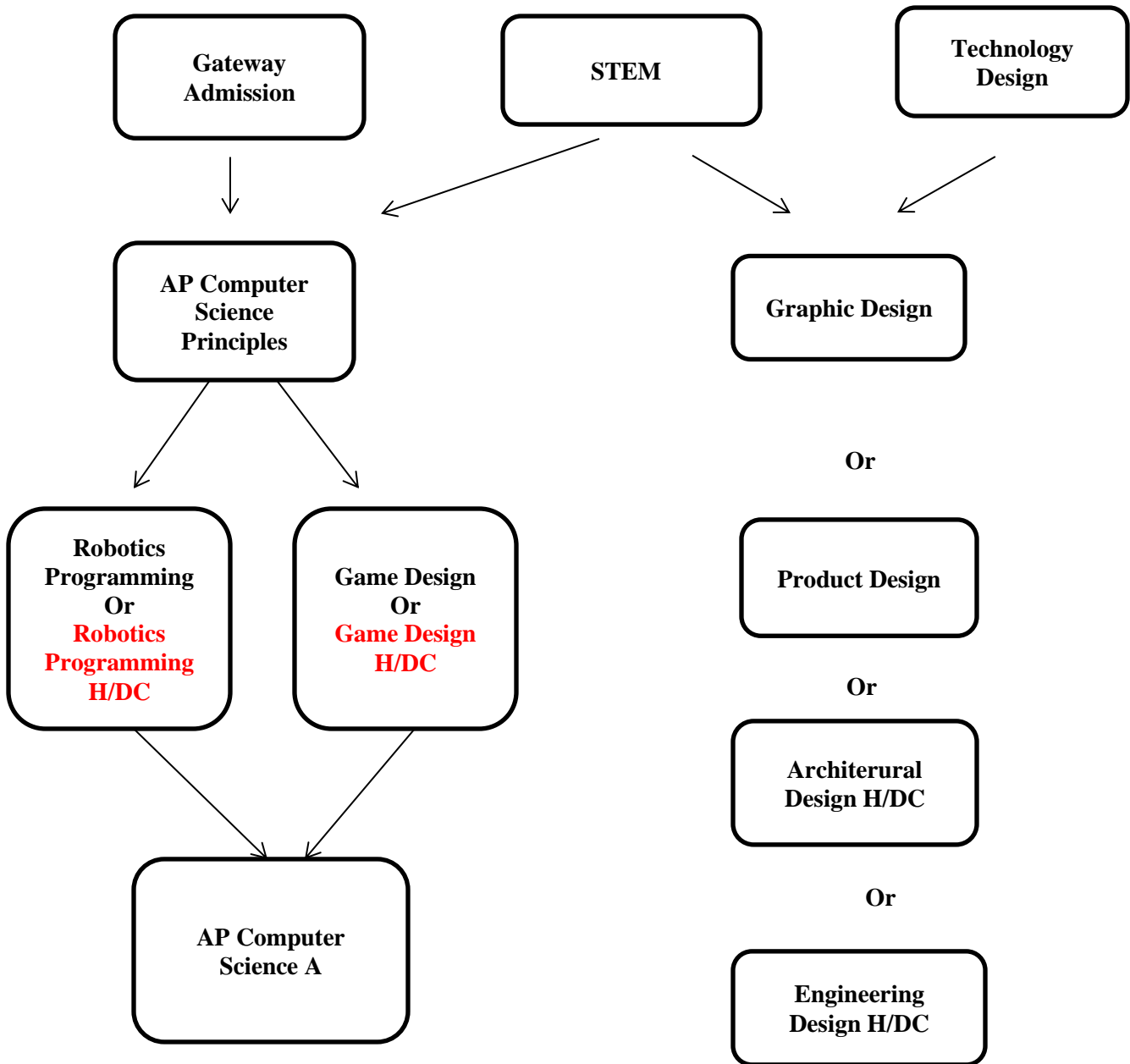
Students will explore the limitless potential of robotics and Artificial Intelligence (AI). Students will build a small robot and program it to perform specific tasks. They will gain hands-on experience working with basic robotic components including motors, sensors, microcontrollers and guidance systems. Additionally, they will learn AI coding techniques to ensure the robot is navigationally functional and can achieve the desired task.

Game Design H/DC**Prerequisite: AP Computer Science Principles & Teacher Recommendation
(Offered 2022-2023)****5 Credits
Full Year
Grades 11-12**

Students will be introduced to game programming techniques, how to use a game library, programming input devices, 3D game programming, theory and design, and bitmap handling through programming.

STEM/Technology

All courses fulfill 21st Century requirements



VISUAL & PERFORMING ARTS

Concert Band (0911)
Prerequisites: None

5 Credits
Full Year
Grades 9-12

This course covers the standard band literature appropriate for high school age musicians. It is a performance based class. Students participate in small group lessons, full ensemble rehearsals and several concerts throughout the school year. Emphasis is placed on tonal accuracy, rhythmic accuracy, phrasing, expression and other areas of musicality.

Choir (0912)
Prerequisites: None

5 Credits
Full Year
Grades 9-12

This course is open to all students who enjoy singing. Emphasis is placed upon music reading and tone production. The repertoire consists of various musical styles and voicing. The choir is a performing group. Students may take only one Choir course per year.

Concert Choir (0907)
Prerequisites: Teacher recommendation or tryout

5 Credits
Full Year
Grades 9-12

This course is open to students with a high level of choral experience and musicianship. The Concert Choir repertoire is more difficult than that of the Choir. Emphasis is placed on a cappella singing, sight-reading skills, vocal production and explorations of varieties of choral singing. The Concert Choir performs with the Choir as well as at various school and outside functions. Students may take only one Choir course per year.

Music Appreciation (0949)
Prerequisite: None

2.5 Credits
Semester
Grades 9-12

Enjoyment of music is the sequential study of the evolution of music. Some of the studies include the styles of music and composers/artists including Medieval Music and Gregorian Chant, Renaissance, Baroque, Classical, Romantic, Contemporary, Jazz, Folk, Rap, and Rock. Enjoyment of music includes research and responsive listening to music.

Musical Theatre (9909)
Prerequisite: None

2.5 Credits
Semester
Grades 9-12

This semester course will show students how music has developed and changed throughout time. Students will also examine how music has influenced the development of theatre production. A variety of musicals will be studied.

Music Theory- Honors/Dual Credit – (0913)
Prerequisites: Teacher Recommendation

5 Credits
Full Year
Grades 11-12

This course teaches the theory behind music composition. Students completing the course will be able to understand basic rules of part writing, choral structures and figured bass. This course may bear a variety of titles (Basic

Musicianship, Elementary Theory, Harmony and Dictation, Structure of Music, etc.) The culminating activity will be an original composition by the students utilizing all the skills acquired.

Art 1 (0931)
Prerequisites: None

5 Credits
Full Year
Grades 9-12

This introductory, full year art course serves as a prerequisite for advanced art courses and is designed to develop the student's art skills and creative thinking and enhance their appreciation for art. The course gives students a basic knowledge of the elements and principles of design. They will explore the impact of line, tone, color, space, texture, shapes and form in a variety of media. Areas of concentration include drawing, painting, lettering, perspective, watercolor, printmaking, collage, cartooning, and mixed media.

Art 2 (0929)
Prerequisites: Art 1

5 Credits
Full Year
Grades 10-12

This course offers students opportunities to explore more involved projects in design with emphasis on drawing and painting skills. Students are encouraged to develop a personal art statement through a wide range of challenging projects. The studio work includes figure drawing, watercolors, pastels, acrylics, charcoal, collage, scratchboard original, mixed media, India ink, and conte crayon.

Art Major Honors (0933)
Prerequisites: Art 2 & Teacher Recommendation

5 Credits
Full Year
Grades 11-12

This course is for students committed to studying art and working within a rigorous art curriculum. Students are given the opportunity to continue the exploration of art and for the development of a personal artistic statement. Students will broaden their knowledge of art history and appreciation for multicultural art. Students will be challenged with a variety of media, and stress is placed on drawing from life. These objectives are designed to improve their skill and imagination.

Art Portfolio: 2D Design Honors/Dual Credit (0935)
Prerequisites: Art Major Honors & Teacher Recommendation

5 Credits
Full Year
Grade 12

The Art Portfolio: 2D Design Honors/Dual Credit Course is tailored for students who are deeply committed to developing a personal expression evident in a body of related artworks that investigates a focus of personal interest. The students are required to complete three aspects of the portfolio course which includes Quality, Concentration and Breadth. In creating a viable portfolio, students will explore a variety of concepts, techniques and process options designed to help them demonstrate mastery of techniques, skills, problem solving and originality.

Photography (0940)
Prerequisites: None

5 Credits
Full Year
Grades 9-12

This full year course concentrates on all aspects of basic black/white photography in the first semester. In the second semester the focus is on photography as an art form. The course is designed for students who wish to pursue photography as a hobby or vocation. Students will study the history of photography and focus on specific working photographers that have impacted society. Career possibilities in photography will be emphasized. **Ownership of a 35mm film camera is required.**

Advanced Photography/Portfolio (0941)
Prerequisites: Photography

5 Credits
Full Year
Grades 10-12

This course is for students who are dedicated to studying photography and with photographic medium. Students will prepare an advanced photography portfolio which reflects a sense of excellence in skills and subject matter. In addition, students must work with the yearbook staff. *Ownership of a 35mm film camera is required.*

Photography Major (Digital) Honors/Dual Credit (0942)
Prerequisites: Advanced Photography & Teacher Recommendation

5 Credits
Full Year
Grades 11-12

This course is designed for students dedicated to studying photography and working on a college level in the photographic medium. Students will explore the techniques and applications of acquiring, manipulating and outputting digitized photographic images utilizing Adobe Photoshop.

Yearbook (0944)
Prerequisites: None

5 Credits
Full Year
Grades 10-12

This course offers students the opportunity to work in a hands-on environment on designing and creating all sections for the *Echoes* yearbook. The emphasis of this course is based on layout, copy-writing skills, creative theme ideas, minimal photography, and sales techniques. This course also offers design and production techniques from creating publications to product design.

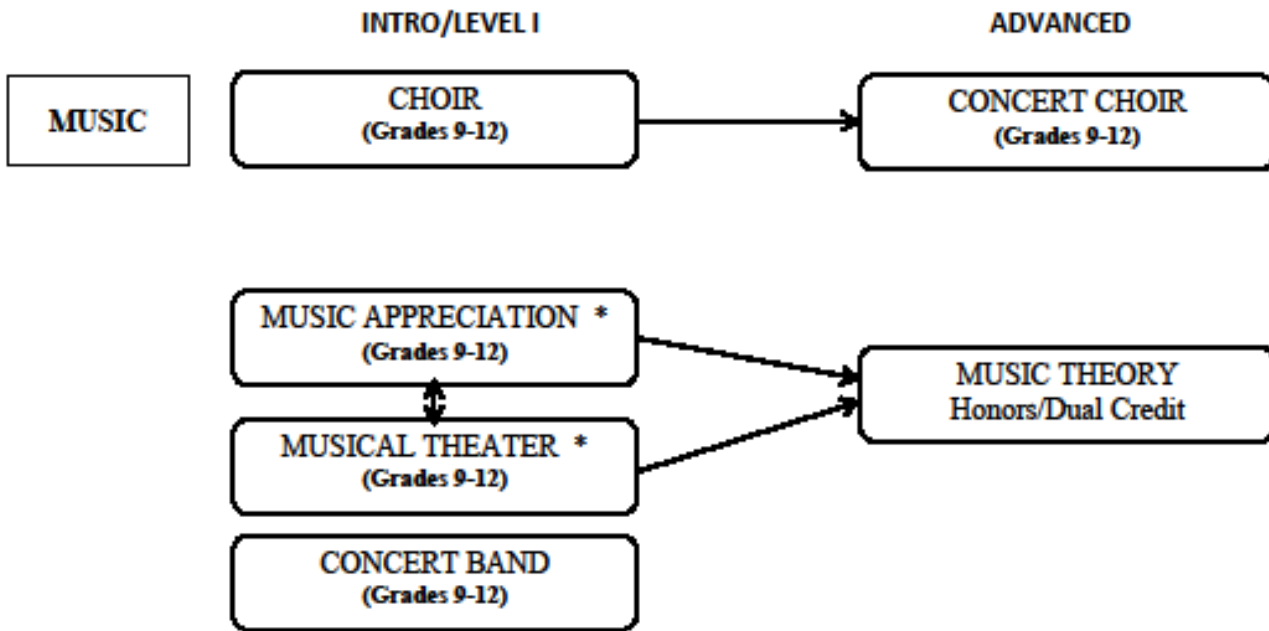
Advanced Yearbook (0945)
Prerequisites: Yearbook & Teacher Recommendation

5 Credits
Full Year
Grades 11-12

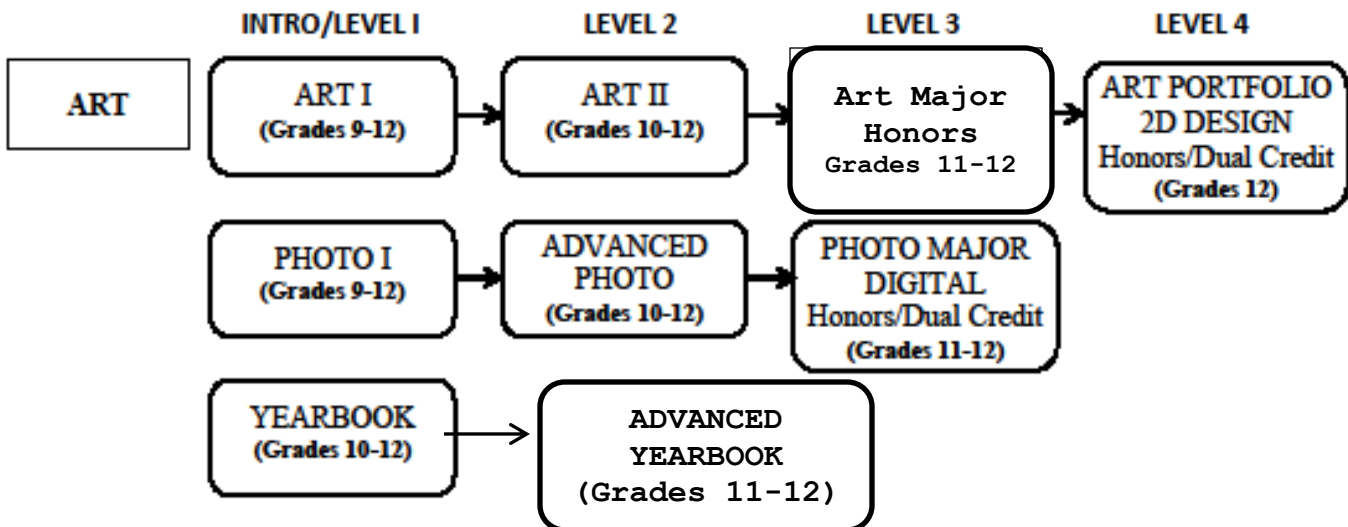
This course offers students the opportunity to explore advanced yearbook production through the opportunity to serve in editorial roles. Students will explore leadership opportunities as they work with teams to design layout, copy-writing skills, creative theme ideas, photography, and sales techniques. Students will have the opportunity to explore financial aspects of yearbook production, including ad sales and fundraisers. Students interested in Advanced Yearbook must get permission from the advisor (Mrs. Oliveri) before signing up,

FINE ARTS

Full Year Courses (5 credits)
(Unless otherwise indicated)



*Denotes Semester Course



WORLD LANGUAGE

French 1 (0211)
Prerequisites: None

5 Credits
Full Year
Grades 9-12

The primary goal of this course is to help students develop linguistic proficiency and cultural sensitivity. By interweaving language and culture, this course will seek to broaden students' communication skills and deepen their appreciation of other cultures.

French 2 (0212)
Prerequisites: French 1

5 Credits
Full Year
Grades 9-12

Coupled with a concentrated review and continued development of the basic language skills, this course will continue to develop linguistic proficiency and cultural sensitivity.

French 2 Honors (0214)
Prerequisites: French 1 & Teacher Recommendation

5 Credits
Full Year
Grades 9-12

This accelerated course offers students the opportunity to continue developing basic language skills while offering a rigorous preparation for future linguistic study.

French 3 (0213)
Prerequisites: French 2

5 Credits
Full Year
Grades 10-12

This level of French offers an integrated approach to language learning. Presentation and practice of functional expressions, vocabulary, and grammar structures are interwoven with cultural information and language learning tips to facilitate proficiency in French. In addition, this course requires the completion of summer work. *All work is done in French.*

French 3 Honors (0216)
Prerequisites: French 2 & Teacher Recommendation

5 Credits
Full Year
Grades 10-12

This accelerated course offers students the opportunity to continue developing language skills while offering a rigorous preparation for future linguistic study.

French Honors/Dual Credit (0215)
Prerequisites: French 3 & Teacher Recommendation

5 Credits
Full Year
Grades 11-12

This is a rigorous course designed for those students who have demonstrated mastery in French 1 through French 3 and are capable of working at a college level. In addition, this course requires the completion of summer work.

Spanish Conversation & Culture (0239)
Prerequisites: None

5 Credits
Full Year
Grades 9-12

This course is designed to cover basic Spanish conversation while at the same time exposing the student to the cultures of the Spanish speaking countries. Key vocabulary and topics from both Spanish 1 and 2 are presented to the student via various methods of differentiated instruction. This course will fulfill the world language state requirement for graduation.

Spanish 1 (0241)
Prerequisites: None

5 Credits
Full Year
Grades 9-12

The primary goal of this course is to help students develop linguistic proficiency and cultural sensitivity. By interweaving language with exposure to the diversity in the Spanish speaking world, this course will seek to broaden students' communication skills and deepen their appreciation of other cultures.

Spanish 2 (0242)
Prerequisites: Spanish 1

5 Credits
Full Year
Grades 9-12

Coupled with a concentrated review and continued development of the basic language skills, this course will continue to develop linguistic proficiency with an awareness of the similarities and contrasts in the diverse lands where Spanish is spoken.

Spanish 2 Honors (0244)
Prerequisite: Spanish 1 & Teacher Recommendation

5 Credits
Full Year
Grades 9-12

This accelerated course offers students the opportunity to continue developing basic language skills while offering a rigorous preparation for future linguistic study.

Spanish 3 (0243)
Prerequisite: Spanish 2

5 Credits
Full Year
Grades 10-12

In Spanish 3, further vocabulary development and complex grammar are stressed, but more emphasis is placed on advanced reading, writing and conversational skills. Reading selections, either from modern sources or from Spanish literature will also be studied. In addition, this course requires the completion of summer work. *All work is done in Spanish.*

Spanish 3 Honors (0245)
Prerequisites: Spanish 2 & Teacher Recommendation

5 Credits
Full Year
Grades 10-12

This accelerated course offers students the opportunity to continue developing language skills while offering a rigorous preparation for future linguistic study.

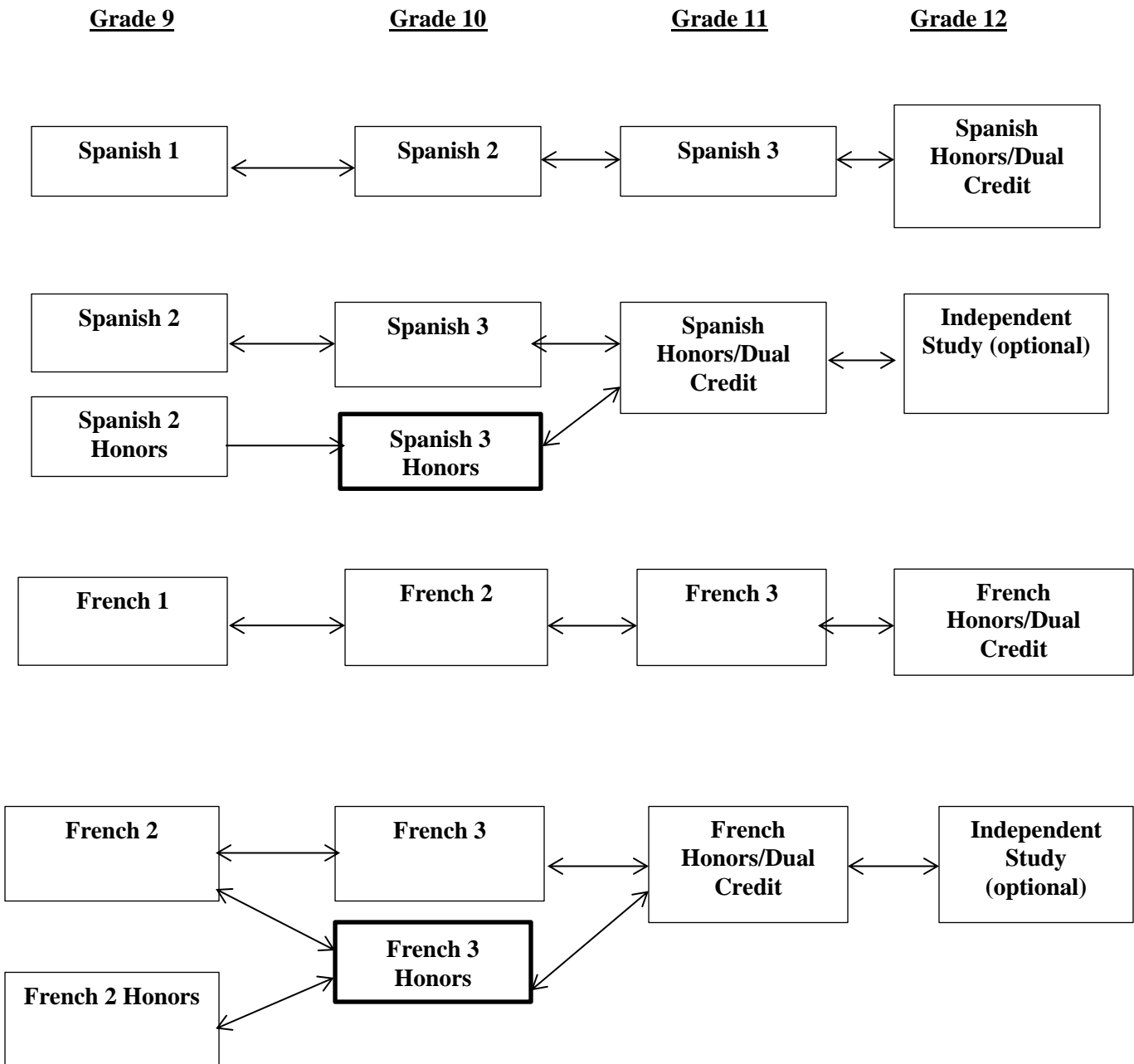
Spanish Honors/Dual Credit (0247)
Prerequisites: Spanish 3 & Teacher Recommendation

5 Credits
Full Year
Grades 11-12

This is a rigorous course designed for those students who have demonstrated mastery in Spanish 1 through Spanish 3 and are capable of working at a college level. In addition, this course requires the completion of summer work.

WORLD LANGUAGES

Students are required to take one year of World Languages to graduate. It is recommended that students who are planning to attend a 4 year college/university take 2-4 consecutive years of World Language.



COURSE SELECTIONS BY DEPARTMENT

AVID

Course #	Name of Course	Grade(s)
9917	AVID 9	9
9918	AVID 10	10
	AVID 11	11
	AVID 12	12

Business

Course #	Name of Course	Grade(s)
0711	Accounting I Honors/Dual Credit	10,11,12
0785	AP Macroeconomics	10,11,12
0714	Business Administration	9,10,11
0700	Business Law Honors/Dual Credit	11,12
0710	Personal Finance (Sem.)	9,10,11,12
0731	Sports Marketing (Sem.)	9,10,11,12
0701	Computer Applications	9,10
0704	Business Finance Honors/Dual Credit	11,12
0703	Marketing	10,11,12
	Entrepreneurship Honors/Dual Credit	12
	Accounting II Honors/Dual Credit	11,12

Criminal Justice

Course #	Name of Course	Grade(s)
0545	Introduction to Criminal Justice (Sem.)	10,11,12
	Criminal Justice System Honors/Dual Credit	11,12
	Introduction to Security (CCM)	11,12

Education

3000	Current Topics in Education	9,10,11,12
3001	Early Childhood Development (CDA Course 1) (CCM)	10,11,12
	Curriculum, Teaching and Learning (CDA Course 2) (CCM)	11,12
	CDA Capstone: Effective Preschool Practices (CDA Course 3) (CCM)	11,12

Gateway

9915	The Gateway Academy 11	11
9914	The Gateway Academy 12-Senior Honors Thesis	12
9916	AP Seminar	10
	AP Research	11

Industrial Arts

0842	Woodworking	9,10,11,12
0832	Carpentry	10,11,12

Language Arts

Course #	Name of Course	Grade(s)
0401	English 9 CP	9

0400	English 9 Honors	9
0423	English 10 CP	10
0421	English 10 Honors	10
0433	English 11 CP	11
0431	English 11 Honors	11
0435	AP English (English Language and Composition)	11
0436	AP English (English Literature and Composition)	12
0443	English 12 CP	12
0474	Modern Classics H/DC	12
0415	Senior Portfolio-ELA (Semester)	12
0481	Port of Entry ESL-Listening/Speaking/Reading/Writing (Double Block)	9,10,11,12
0483	ESL-Intermediate (Double Block)	9,10,11,12
0484	ESL-Advanced (Double Block)	9,10,11,12
0477	ELA-9 Strategies	9
0478	ELA-10 Strategies	10
0479	ELA-11 Strategies	11
0475	Culture of Caring	10,11,12
0476	Exploring Science Fiction	10,11,12
0402	Culture of Caring-9	9

Mathematics		
Course #	Name of Course	Grade(s)
0344	Pre-Algebra	9
0316	Algebra 1 Honors	9,10
0321	Geometry Honors	9,10
0301	Algebra 1	9,10
0323	Geometry	9,10
3005	Math Strategies-Alg.	9, 10
3006	Math Strategies-Geometry	9, 10, 11
3007	Math Strategies-Alg. 2	10, 11, 12
0331	Algebra 2 / Trig Honors	11,12
0333	Algebra 2	11,12
0342	Pre-Calculus	11,12
0368	Pre-Calculus Honors	11,12
0369	Calculus Honors	12
0350	AP Calculus	12
0370	Introduction to College Math	12
0371	Math Analysis & Application	12
0337	AP Statistics	11,12
3029	Senior Portfolio-Math (Semester)	12

Physical Education		
Course #	Name of Course	Grade(s)
6013	Physical Education 1	9
0612	Health 1 (1 MP)	9
0622	Health 2 (1 MP)	10
6214	Physical Education 2	10
6033	Physical Education 3	11
0632	Health 3 (1MP)	11
6043	Physical Education 4	12
0642	Health 4 (1 MP)	12
0648	Exercise Science and Nutrition Honors	11,12

Science		
Course #	Name of Course	Grade(s)
2112	Biology CP with Lab	9
2113	Biology Honors with Lab	9, 10
2013	AP Biology	10, 11, 12
2117	Chemistry Concepts with Lab	10, 11, 12
2114	Chemistry CP with Lab	10, 11, 12
2115	Chemistry Honors with Lab	10, 11, 12
2015	AP Chemistry	11, 12
2116	Physics CP with Lab	11,12
2119	Physics Honors with Lab	11,12
2118	Physics Concepts	11,12
2017	AP Physics	11,12
2120	Physical Science	10,11,12
2125	Worldwide Medical Trends (Sem.)	10,11,12
2000	Human Growth and Development (Sem.)	10,11,12
2126	Human Anatomy Honors/Dual Credit	11,12
2127	Forensic Science (Sem.)	10,11,12

Service/Study		
0556	School Service	12
0561	AVID 9 Service	11,12
0562	AVID 10 Service	12
0560	Academic Study Hall	10,11,12
0559	Academic Study Hall-9-semester	9

Social Sciences

Course #	Course Name	Grade(S)
0570	American Government, Law and Politics Honors/Dual Credit	11,12
0511	Applied Psychology (Sem.)	10,11,12
0532	Principles of Sociology (Sem.)	10,11,12
0518	AP Psychology	11,12
	Sociology Honors/Dual Credit	11,12

Social Studies

Course #	Name of Course	Grade(s)
0575	AP World History	11,12
0500	World History Honors	9
0501	World History CP	9
0540	U.S. History I Honors	9,10
0523	U.S. History I CP	10
0541	AP U.S. History II	10,11
0534	U.S. History II Honors	11
0533	U.S. History II CP	11

STEM/Technology

Course #	Name of Course	Grade(s)
0889	Game Design	10,11,12
0814	STEM	9, 10, 11, 12
0888	Robotics Programming	9,10,11,12
0845	Technology Design	9,10,11,12

0890	Graphic Design	10,11,12
0891	Product Design and Development	10,11,12
0893	Engineering Design Honors/Dual Credit	11,12
0892	Architectural Design Honors/Dual Credit	11,12
0894	AP Computer Science Principles	9,10,11,12
0895	AP Computer Science A	11,12

Visual and Performing Arts		
Course #	Name of Course	Grade(s)
0911	Concert Band	9,10,11,12
0912	Choir	9,10,11,12
0907	Concert Choir	9,10,11,12
0949	Music Appreciation (Sem.)	9,10,11,12
9909	Musical Theatre (Sem.)	9,10,11,12
0913	Music Theory Honors/Dual Credit	11,12
0931	Art 1	9,10,11,12
0929	Art 2	10,11,12
0933	Art Major Honors	11,12
0935	Art Portfolio: 2D Design Honors/Dual Credit	12
0940	Photography	9,10,11,12
0941	Advanced Photography/Portfolio	10,11,12
0942	Photography Major (Digital) Honors/Dual Credit	11,12
0944	Yearbook	10,11,12
0945	Advanced Yearbook	11,12

Vocational/Technical Programs – Off Campus-Morris County School of Technology		
Course #	Course Name	Grade(s)
9942	Allied Health (located at Pequannock H.S.)	11
9953	Auto Body & Collision Repair 1	11
9955	Auto Body & Collision Repair 2	12
9940	Auto Service Technology 1	11
9941	Auto Service Technology 2	12
9969	Carpentry 1	11
9971	Carpentry 2	12
9950	Cosmetology 1	11
9951	Cosmetology 2	12
9996	Culinary Arts & Hospitality (located at CCM)	11
9943	Cybersecurity and Information Protection (located at CCM)	11
9977	Electrical Trades 1	11
9979	Electrical Trades 2	12
9993	Engineering Technology: Design & Prototyping Honors/Dual Credit (CCM)	11
9994	Engineering Technology: Design & Prototyping Honors/Dual Credit (CCM)	12
9997	Health & Exercise Science	11
9984	Plumbing & Pipe Fitting 1	11
9985	Plumbing & Pipe Fitting 2	12
9998	Robotics	11
9991	Welding Technology 1	11
9992	Welding Technology 2	12
9965	Fundamentals of Building & Grounds Maintenance 1*	11
9981	Fundamentals of Food Services 1*	11

	*Special Needs	

World Language		
Course #	Name of Course	Grade(s)
0211	French 1	9,10,11,12
0212	French 2	9,10,11,12
0214	French 2 Honors	9,10,11,12
0213	French 3	10,11,12
0216	French 3 Honors	10,11,12
0215	French Honors/Dual Credit	11,12
0239	Spanish Conversation & Culture	9,10,11,12
0241	Spanish 1	9,10, 11,12
0242	Spanish 2	9,10, 11,12
0244	Spanish 2 Honors	9,10,11,12
0243	Spanish 3	10,11,12
0245	Spanish 3 Honors	10,11,12
0247	Spanish Honors/Dual Credit	11,12

Special Services		
Course #	Name of Course	Grade(s)
	Self-Contained	9,10,11,12
0016	Basic Environmental	9,10,11,12
0017	Basic Biology	9,10,11,12
0043	English 1	9,10,11,12
0044	English 2	9,10,11,12
0054	English 3	9,10,11,12
0064	English 4	9,10,11,12
0053	Math 1	9,10,11,12
0063	Math 2	9,10,11,12
0073	Math 3	9,10,11,12
0083	Math 4	9,10,11,12
0005	Reading	9,10,11,12
0050	American History	9,10,11,12
0051	American History II	9,10,11,12
0060	World History	9,10,11,12
0075	Pathways to Independence	9,10,11,12
	Replacement	
0025	English 1	9
0035	English 2	10
0045	English 3	11
0055	English 4	12
0067	Algebra 1	9, 10
0164	Algebra 2	11,12
0068	Geometry	10, 11
0080	Biology	10
0040	Wrap Around	9,10,11,12
0090	OCS (Out of Class Support)	9,10,11,12