## BRIARCLIFF HIGH SCHOOL

## QUICK REFERENCE COURSE GUIDE



2020-2021

444 Pleasantville Road
Briarcliff Manor, New York 10510

## INTRODUCTION

## USE OF PROGRAM OF STUDIES

Each student enrolled in Briarcliff High School receives a copy of the Quick Reference Course Guide before the scheduling process begins. It is designed to assist students in planning for their next academic year and for the remainder of their high school academic experience. Students will be given an opportunity to indicate course preferences provided they have met the necessary requirements for courses.

## NOT EVERY COURSE DESCRIBED IN THIS GUIDE WILL BE OFFERED EVERY YEAR. THE DETERMINATION OF COURSE OFFERINGS IS DEPENDENT UPON THE NUMBER OF STUDENTS WHO PRE-REGISTER FOR A COURSE AND THE AVAILABILITY OF FACULTY. CERTAIN COURSES MAY ONLY BE OFFERED ON ALTERNATE YEARS.

Parents are strongly encouraged to become involved in the scheduling process. Questions should be addressed to counselors, teachers and/or administrators. The school's responsibility is to ensure that all students and parents have access to the course description information necessary for scheduling and to assist students and parents with course selection decisions. Placement in Honors, University co-enrollment and Advanced Placement courses is contingent upon continued academic performance through the end of the school year. The final determination for course selection is the responsibility of the student and the student's parents.

## PLANNING A HIGH SCHOOL PROGRAM

Close to $100 \%$ of our graduates attend institutions of higher learning. This is a direct result of appropriate program planning. Such planning evolves from evaluations of one's abilities and interests, coupled with careful course selection.

To help in developing short and long-range educational plans, counselors begin working with students in January. They work towards: (1) choosing an appropriate course of study based upon a four year educational plan, (2) monitoring progress in fulfilling graduation requirements, and (3) utilizing career information related to individual interests, aptitudes and goals.

All long-range plans should be viewed as tentative. Each year, early in the scheduling process, programs may be reviewed and revised as needed. Please contact your child's counselor with questions/concerns at the following numbers/extensions: 914-769-6299 - Dr. Nathan Heltzel Ext. 3129; Mrs. Erin Ryan Ext. 3126; Mr. Michael Muranelli Ext. 3127; Mrs. Meredith Safer Ext. 3128.

## CRITERIA REVIEW PROCESS

Students who do not meet the course prerequisites for Honors, University co-enrollment or Advanced Placement courses, but have an earnest interest and work ethic to be considered for placement in one of these courses may apply through the Criteria Review Process.

The Criteria Review Application is located on page 4. A student requesting Criteria Review consideration should complete the application at the February Course Selection meeting with his/her Guidance Counselor.

Each application will be reviewed by the Criteria Review Committee in March 2020. The Committee consists of department members, school counselors and administrators.

The counseling department will email parents and students the Committee's decision after careful consideration of students' applications by the end of March 2020. If a student's application is accepted, the student is responsible for consulting the Briarcliff High School website (www.briarcliffschools.org) for a listing of Honors, University co-enrollment and Advanced Placement courses that will require summer work.

## **Important to Note**

If a student is placed into an Honors, University co-enrollment or Advanced Placement course by means of the Criteria Review Application, his/her progress will be reviewed after 5 weeks to ascertain proper student placement. Removal from the course and alternative course placement may be recommended by the teacher after consultation with the student, parents and school counselor if a student is not in good standing with regard to his/her academic performance and/or behavior. Substitute course offerings may be limited due to scheduling constraints. If a student does not meet the course guide prerequisites and does not submit a Criteria Review Application, placement in Honors, University coenrollment or Advanced Placement courses will not be considered.


## Briarcliff High School

Honors/AP/College Courses Criteria Review Application

Name: $\qquad$ Date: $\qquad$

Present Grade: $\qquad$ Requested Course Placement: $\qquad$

## APPLICATION REQUIREMENTS:

The Criteria Review Application is to be completed with student's Guidance Counselor at the February Course Selection Meeting.

The applicant will discuss the Criteria Review Application with the current subject teacher.
The Criteria Review Application will be reviewed by a committee consisting of the High School Administration, Guidance Counselor and Subject Department in March 2020.

If a student is admitted into the course, the student's progress in the course may be reviewed after five weeks with the Teacher, Guidance Counselor and Parent/Guardian to ensure proper student placement.

Student: $\qquad$

School Counselor: $\qquad$

Date:

Date: $\qquad$

NOTE: Please be aware that alternative placement may not be available if the student drops the course.

Briarcliff High School offers 40 College Accredited Courses. In partnership with SUNY Albany University in the High School Program (UHS), SUNY Westchester Community College Early College Experience Program (ECE), and Syracuse University Project Advance (SUPA), Briarcliff students are provided with the academic challenges of a college level curriculum. These courses provide a "bridging" experience to college and help students begin to develop the skills and experience necessary for academic success in higher education. Enrollment in College Accredited Courses may provide future opportunities to students, such as the ability to enroll in higher level colleges or to complete a four year degree in a shorter amount of time. Students enrolled in College Accredited Courses are eligible to receive both Briarcliff High School credit as well as college credit. The financial advantages for students receiving college credit are outlined below:

> College Course Costs
> SUNY Albany
> $\$ 160.00$ per credit when taken at BHS
> (Compared to $\$ 286.00$ when taken at SUNY Albany)
> Free \& Reduced Students: $\$ 80.00$ per course
> Westchester Community College
> $\$ 63.67$ per credit when taken at BHS
> (Compared to \$185.00 when taken at WCC)
> Syracuse University
> $\$ 115.00$ per credit when taken at BHS
> (Compared to \$2188.00 when taken at SU)
> Financial aid is available via an application process.

Briarcliff High School College Accredited Course teachers are approved as teaching adjuncts by the respective universities. Students will receive information/registration packets from their teachers during the first month of classes. Students will be instructed to register for their College Accredited Courses either electronically or by completing enrollment forms and mailing them to the specific university or college by the appropriate deadline. Payment options will be indicated in the registration materials.

The student's Briarcliff transcript will only list the Briarcliff courses and credits granted by the high school and indicated in the Course Description Guide. College credits granted by SUNY Albany, SUNY WCC, and Syracuse University will not appear on the student's high school transcript. It is the student's responsibility to request that a transcript from the corresponding university or college be sent to the university or college that the student plans to attend.

Further information can be accessed via the following links:
SUNY Albany (UHS): http://www.albany.edu/uhsp/index.html
WCC (ECE): http://www.sunywcc.edu/academics/office-of-high-school-partnerships/ece/
Syracuse University (SUPA): https://pass.supa.syr.edu

## (Final Grade x Weight)


#### Abstract

BHS Honors Courses: ..... 1.05 Advanced Placement Courses: ..... 1.10 BHS University Co-Enrollment Courses: 1.10 (UHS, ECE, SUPA) whether or not the student chooses to register for college credit College Science Research Program: Grade 10: ..... 1.05 Grades 11, 12: ..... 1.10 Performing Arts Ensembles: Grades 11, 12:1.10

Course weight will not appear on Report Cards but will be used to determine eligibility for National Honor Society, Valedictorian, Salutatorian, and cumulative grade point average (GPA).

\section*{NOTE: ONLY BHS CO-ENROLLMENT UNIVERSITY CLASSES (UHS, ECE, SUPA) WILL BE CALCULATED INTO THE STUDENT’S G.P.A.}


## NATIONAL COLLEGE ATHLETIC ASSOCIATION (NCAA) ELIGIBILITY CENTER STANDARDS

(Division I and II Only)

Prospective NCAA student athletes (Full Qualifier) must attain a minimum 2.3 GPA in a total of 16 NCAA approved core course credits. Students may also qualify as an "Academic Redshirt" (Division I only) or "Partial Qualifier" (Division II only) by completing 16 core courses while attaining at least a 2.0 GPA. In any of the above circumstances, students must achieve a minimum qualifying score on the SAT or ACT exam in order to meet basic NCAA Eligibility Center Standards.

Not all BHS classes count as NCAA core courses. Only classes in English, Math (Algebra I or higher), Natural or Physical Sciences, Social Science, World Language, Comparative Religion or Philosophy may be approved as NCAA core courses. Courses APPROVED for any credit (partial or whole) are so noted at the end of each course description paragraph in the Course Description Guide.

Generally, a student receives the same number of credits from the NCAA for a core course that he or she receives from BHS for each academic class. One academic semester of a class at BHS counts for .5 of an NCAA core course credit and two academic semesters of the same class at BHS counts as one full credit. On the other hand, a one-year class taken over a longer period of time (usually two academic years), i.e. Biology $A$ and Biology $B$ is considered one core course by the NCAA and is not awarded more than one credit. See your school counselor for clarification and details that are specific to your academic situation.

Division III colleges and universities set their own admission standards. The NCAA does not set initial eligibility requirements in Division III.

## COURSES OFFERINGS

## PREREQUISITE GUIDELINES

Teachers input course recommendations for students in esd as per the following course prerequisite guidelines:

| Current Placement | Course Requested |  |
| :--- | :--- | :--- |
| Regents/Non Honors | Honors | $90(A-)$ in prerequisite course |
| Regents/Non Honors | Advanced Placement | $94(A)$ in prerequisite course |
| Honors | Honors | $85(B)$ in prerequisite course |
| Honors | Advanced Placement | $90(A-)$ in prerequisite course |
| Advanced Placement | Advanced Placement | $85(B)$ in prerequisite course |
| Regents | UHS, ECE and SUPA Courses | $90(A-)$ in prerequisite course |
| Honors | UHS, ECE and SUPA Courses | $85(B)$ in prerequisite course |
| Advanced Placement | UHS, ECE and SUPA Courses | $85(B)$ in prerequisite course |

## GRADE 9

## ENGLISH:

| English $9 \mathrm{R}:$ | Required for all $9^{\text {th }}$ grade students |
| :--- | :--- |
| English $9 \mathrm{C}:$ | Option for students who have successfully completed English 8 or English 8 C and have been |

Electives:
(Full Year Courses)

College Introduction to Theatre (SUNY/ECE). Course satisfies Fine Arts requirement or an English elective credit
College Introduction to Film and Digital Editing (SUNY/ECE). Course satisfies Fine Arts requirement or an English elective credit College Write Out Loud (SUNY/ECE)

## SOCIAL STUDIES:

Global History I R: $\quad$ Required for all $9^{\text {th }}$ grade students
Global History I H: Option for students who earn a 94\% test average in Social Studies 8 as well as a 94\% DBQ
(Document Based Question) writing assessment average
Global History I C: Option for students who have successfully completed Social Studies 8 or Social Studies 8 C and have been recommended by the $8^{\text {th }}$ grade team

## SCIENCE:

Living Env./Biology R: Required for all $9^{\text {th }}$ grade students
Living Env./Biology A: Option for students who would benefit from two years of Biology to complete this Regents course and have been recommended by the $8^{\text {th }}$ grade team
Living Env./Biology B: Option for students who would benefit from the support of a co-taught class and have been recommended by the $8^{\text {th }}$ grade team
Living Env./Biology H: Option for students who complete $8^{\text {th }}$ grade Science with a test average of $94 \%$ or higher

## MATHEMATICS:

Algebra I A (CC):
Regents
Algebra I (CC):
Geometry (CC):
Geometry H (CC):
in

Option for students who would benefit from extended pacing through the Algebra I (CC) curriculum and have been recommended by the $8^{\text {th }}$ grade team
Option for $9^{\text {th }}$ grade students who successfully complete Math 8
Option for $9^{\text {th }}$ grade students who successfully complete Algebra I (CC) in eighth grade
Option for students who earn an 85\% in Algebra I H (CC) in eighth grade or a 90\% test average
Algebra I (CC) in 8th grade

## WORLD LANGUAGE:

| Spanish I: | Option for students who have not taken a language in middle school or who wish to <br> study a second language <br> Option for students who pass Spanish I or middle school Spanish I with a basic |
| :--- | :--- |
| Spanish IB/IIA: | understanding of the Spanish language and grammatical structures. <br> Option for students who successfully complete middle school Spanish I with a |
| Spanish II: | cumulative average of 85 or higher and teacher recommendation or successfully complete high <br> school Spanish I with the recommendation of the Spanish I teacher. <br> Option for students who have not taken a language in middle school or who wish to <br> study a second language <br> Option for students who successfully complete middle school French I or HS French I <br> Option for students who have not taken a language in middle school or who wish to <br> study a second language |
| French I: | Conversational Mandarin Chinese (Full Year Course) |
| Latin I: | Students may begin a second language sequence in French, Latin, or Spanish. |

## GRADE 10

## ENGLISH:

English 10 R: $\quad$ Required for all $10^{\text {th }}$ grade students
English 10 C:

## Electives:

Option for students who successfully complete English 9 C or 9 R

College Introduction to Theatre (SUNY/ECE). Course satisfies Fine Arts requirement or an
(Full Year Courses)
English elective credit
College Introduction to Film and Digital Editing (SUNY/ECE). Course satisfies Fine Arts requirement or an English elective credit
College Write Out Loud (SUNY/ECE)

## SOCIAL STUDIES:

Global History II R: Required for all $10^{\text {th }}$ grade students

Global History II C:

Global History II H: Option for students who earn a 90\% in Global History I R or an 85\% in Global I H Option for students who have successfully completed Global History I R or Global History I C

## Advanced Placement Courses:

| AP European History: | Option for students who earn a 94\% in Global History I R or a 90\% in Global History I H <br> This course may be taken in place of Regents Global History II <br> Option for students who earn a 94\% in Global History I R or a 90\% in Global History I H |
| :--- | :--- |
| AP World History: | This course may be taken in place of Regents Global History II |
| Electives: |  |
| (Half Year Courses) | College Introduction to News Literacy: I Want the News, Not the Spin (SUNY/ECE) <br> Multiculturalism in America: Who Do You Think You Are?; Reel History |
| SCIENCE: |  |
| Earth Science R: | Option for students who successfully complete Biology R <br> Chemistry R: <br> Chemistry H:$\quad$Option for students who earn an 85\% in Biology R and Algebra I (CC). <br> Option for students who earn a 90\% in Biology R or an $85 \%$ in Biology H. Co-requisite: Algebra <br> II H (CC) |
| Living Env./Bio B/R: | Second year of our two-year Regents Biology program for students who have successfully <br> completed Living Environment Biology A |
| Electives: | College Science Research (SUNY/UHS); Environmental Science; Marine Biology |

## MATHEMATICS:

Algebra I B/Geometry: Option for students who successfully complete Algebra I A (CC). Students will sit for Algebra I (CC) Regents in January

Geometry (CC): Option for $10^{\text {th }}$ grade students who successfully complete Algebra I (CC) Geometry H (CC):
Algebra II (CC):
Algebra II H (CC):
Option for $10^{\text {th }}$ grade students who earn a $90 \%$ test average in Algebra I (CC) Option for $10^{\text {th }}$ grade students who successfully complete Geometry (CC)
Option for students who earn a $90 \%$ test average in Algebra I H in eighth grade and $85 \%$ in Geometry H (CC)

## WORLD LANGUAGE:

Spanish IB/IIA:
Spanish II:
Spanish III:
Spanish III H:
French I:

French III:
French III H:
Latin I:

Spanish I: Option for students who have not previously taken a language or who wish to study a second language

French II: Option for students who successfully complete French I
Option for students who pass Spanish I or middle school Spanish I with a basic understanding of the Spanish language and grammatical structures

Option for students who successfully complete Spanish I with $85 \%$ or higher and teacher recommendation
Option for students who successfully complete Spanish II or Spanish II E
Option for students who earn a $90 \%$ in Spanish II
Option for students who have not previously taken a language or who wish to study a second language

Option for students who successfully complete French II
Option for students who earn a 90\% in French II
Option for students who have not taken a language in Middle School or who wish to study a second language

| Latin II: | Option for students who successfully complete Latin I |
| :--- | :--- |
| Electives: | Conversational Mandarin Chinese (Full year Course) |
|  | Students may begin a second language sequence in French, Latin, or Spanish |

## GRADE 11

## ENGLISH:

| English $11 \mathrm{R}:$ | Required for all 11th grade students |
| :--- | :--- |
| English $11 \mathrm{C}:$ | Option for students who have successfully completed English 10 C or 10 R |
| College English $11 \mathrm{H}:$ | Option for students who earn a 90\% in English 10 |
| (SUNY/UHS) |  |

Advanced Placement Course:

AP Lang. \& Composition: Option for students who earn a 94\% in English 10
(SUNY/UHS)

## Electives:

(Full Year Courses) Course satisfies English 11 graduation requirement an English elective credit

College Introduction to Theatre (SUNY/ECE). Course satisfies Fine Arts requirement or College Introduction to Film and Digital Editing (SUNY/ECE). Course satisfies Fine Arts requirement or an English elective credit College Write Out Loud (SUNY/ECE)

## SOCIAL STUDIES:

US History \& Gov't R: Required for all $11^{\text {th }}$ grade students
US History \& Gov't C: Option for students who successfully complete Global II R or Global II C

## Advanced Placement Courses:

AP American History: Option for students who earn a 94\% in Global II R, a 90\% in Global II H or an 85\% in World History AP/European History AP
Course satisfies U. S. History \& Government graduation requirement
AP World History: Option for students who earn a $94 \%$ in Global History II R or a 90\% in Global History II H
AP European History: Option for students who earn a $94 \%$ in Global History II R or a $90 \%$ in Global History II H

Electives:
(Half Year Courses)
College Introduction to News Literacy: I Want the News, Not the Spin (SUNY/ECE);
College Introduction to Psychology (SUNY/UHS); Multiculturalism in America: Who Do You Think You Are?; Reel History

## SCIENCE:

| Chemistry R: | Option for students who wish to continue Regents sequence in Science. Students must have <br> successfully completed Geometry (CC) |
| :--- | :--- |
| Chemistry H: | Option for students who earn a $90 \%$ in Biology R or an $85 \%$ in Biology H. Co-requisite: Algebra II |


| Physics: | Option for students who wish to continue in science and are currently <br> enrolled in Algebra II $(C C)$ or higher. A final exam is administered in June. |
| :--- | :--- |
| Physics R: | Option for students who wish to continue the Regents sequence and are currently <br> enrolled in Algebra II $(C C)$ or higher. The NYS Physics Regents is administered in June. |

## Advanced Placement and University Courses:

| AP Chemistry: | Option for students who earn a 94\% in Chemistry R or a 90\% in Chemistry H <br> Strongly recommended co-requisite Pre-Calculus |
| :--- | :--- |
| AP Environmental: | Option for students who earn a 94\% in Chemistry R or a $90 \%$ in Chemistry H <br> AP Biology: |
| AP Physics 1: | Option for students who earn a 94\% in Chemistry R or a $90 \%$ in Chemistry H |
| (SUNY/ECE) | Co-requisite: Pre-Calculus |
| Electives: | College Science Research (SUNY-UHS); Environmental Science; Marine Biology |

## MATHEMATICS:

| Algebra II: | Option for students who successfully complete Algebra I B/Geometry or Geometry Regents who would benefit from slower pacing |
| :---: | :---: |
| Discrete Mathematics: | Option for any $11^{\text {th }}$ or $12^{\text {th }}$ grade students who have completed the equivalent of Algebra II |
| Algebra II (CC): | Option for $11^{\text {th }}$ grade students who successfully complete Geometry (CC) |
| Algebra II H (CC): | Option for students who earn an 85\% in Geometry H (CC)/90\% in Geometry (CC) average in Algebra I |
| Advanced Placement and University Courses: |  |
| College Algebra w/Trig: | Option for students who complete Algebra II |
| (SUNY/ECE) | Raw score of 70\% on Algebra I (CC) Regents required for SUNY credit |
| College Pre-Calculus: (SUNY/ECE) | Option for students who successfully complete Algebra II (CC) |
| College Pre-Calculus H : (SUNY/ECE) | Option for students who earn a 90\% in Algebra II (CC) R or an 85\% in Algebra II (CC) H |
| College Personal Finance: (SUNY/ECE) | An elective for any $11^{\text {th }}$ or $12^{\text {th }}$ grade students who have an $85 \%$ average in their previous year's math course |
| AP Statistics: | Option for juniors who receive a 94\% in Algebra II (CC) R or a 90\% in Algebra II (CC) H |

## WORLD LANGUAGE:

Spanish I: Option for students who have not previously taken a language or who wish to study a second language
Spanish IB/IIA: Option for students who pass Spanish I or middle school Spanish I with a basic understanding of the Spanish language and grammatical structures
Spanish II: Option for students who successfully complete Spanish I with 85\% or higher and teacher recommendation
Spanish III: Option for students who successfully complete Spanish II or Spanish II E
Spanish III H: Option for students who earn a $90 \%$ in Spanish II Option for students who successfully complete Spanish III or Spanish III H

College Spanish I Pre-AP: Option for students who earn an 85\% in Spanish III H
(SUNY/ECE)
French I: Option for students who have not previously taken a language or who wish to study a second language
French II: Option for students who successfully complete French I
French III: Option for students who successfully complete French II
French III H: Option for students who earn a 90\% in French II
French IV: Option for students who successfully complete French III or French III H
College French I Pre-AP: Option for students who earn an 85\% in French III H
(SUNY/UHS)
Latin I: Option for students who have not taken a language in Middle School or who wish to study a second language
Latin II: Option for students who successfully complete Latin I
College Latin I: Option for students who successfully complete Latin II
(SUNY/UHS)

Electives: Conversational Mandarin Chinese (Full Year Course)
Students may pursue an interest in a second foreign language in French, Latin, or Spanish.

## GRADE 12

## ENGLISH:

College English 12 R: Full year required course for $12^{\text {th }}$ grade students not taking AP Literature \& Composition (SUNY/UHS) or College English 12 H
English 12 C: Option for students who successfully complete English 11 C or 11 R
College English 12 H : Option for $12^{\text {th }}$ grade students who earn a $90 \%$ in $11 \mathrm{R}, 85 \%$ in 11 H and $85 \%$ in AP Language
(SUNY/UHS) \& Composition
Course satisfies English 12 graduation requirement

## Advanced Placement Course:

AP Lit. \& Composition: Option for students who earn a 94\% in English 11 R, a 90\% in English 11 H or an 85\% in (SUNY/UHS)
Electives:
(Full Year Courses)

College Introduction to Theatre (SUNY/ECE). Course satisfies Fine Arts requirement or an English elective credit
College Introduction to Film and Digital Editing (SUNY/ECE). Course satisfies Fine Arts requirement or an English elective credit College Write Out Loud (SUNY/ECE)

## SOCIAL STUDIES:

Econ/Participation in Gov't: Required for all $12^{\text {th }}$ grade students

Advanced Placement Courses:

AP U.S. Gov. \& Politics:
Option for students who earn a 94\% in US History \& Government or

|  | an 85\% in AP American History <br> Course satisfies Economics/Participation in Government requirement <br> Option for students who earn a 94\% in US History \& Government or an $85 \%$ in <br> AP American History |
| :--- | :--- |
| AP European History: | Course satisfies Economics/Participation in Government requirement <br> Option for students who earn a $94 \%$ in U.S. History \& Government R <br> or an 85\% in AP American |
| AP World History: | Option for students who earn a 94\% in U.S. History \& Government R <br> or an 85\% in AP American |
| Electives: | College Introduction to News Literacy: I Want the News, Not the Spin <br> (SUNY/ECE); College Introduction to Psychology (SUNY/UHS); College Intro to Sociology <br> (Half Year Courses) |
|  | (SUPA); Multiculturalism in America: Who Do You Think You Are?; Reel History |

## SCIENCE:

Physics: Option for students who wish to continue in science and are currently enrolled in Algebra II (CC) or higher. A final exam is administered in June.
Physics R: Option for students who wish to continue the Regents sequence and are currently enrolled in Algebra II (CC) or higher. The NYS Physics Regents is administered in June.

## Advanced Placement and University Courses:

| AP Chemistry: | Option for students who earn a 94\% in Chemistry R or Physics, a 90\% <br> in Chemistry H or an $85 \%$ in an AP science course taken in junior year <br> Co-requisite Pre-Calculus |
| :--- | :--- |
| AP Environmental: | Option for students who earn a 94\% in Chemistry R or Physics, a <br> 90\% in Chemistry H or an $85 \%$ in an AP science course taken in junior year <br> Option for students who earn a 94\% in Chemistry R or Physics, a <br> $90 \%$ in Chemistry H or an $85 \%$ in an AP science course taken in junior year. |
| AP Physics 1 (SUNY/ECE): | Prerequisite: Chemistry <br> Option for students who earn a 94\% in Chemistry R, a 90\% in Chemistry H, <br> or a 94\% in a physics course taken in junior year, or an $85 \%$ in an AP science <br> course taken in junior year |
| AP Physics 2 (SUNY/ECE): | Option for students who earn a 94\% in a physics course taken in junior year, <br> or an 85\% in AP Physics 1 (SUNY/ECE credit available if student has completed <br> AP Physics 1) |

## Electives:

College Forensic Science (SUNY/UHS); College Science Research (SUNY/UHS); Environmental Science; Marine Biology

## MATHEMATICS:

Discrete Mathematics: Option for any $11^{\text {th }}$ or $12^{\text {th }}$ grade students who have completed the equivalent of Algebra II
Option for students who successfully complete AP Calculus BC in junior year and teacher recommendation

## Advanced Placement and University Courses:

College Pre-Calculus: Option for students who successfully complete Algebra II (CC)<br>(SUNY/ECE)<br>College Algebra w/Trig:<br>(SUNY/ECE)<br>College Calculus 1:<br>(SUNY/ECE)<br>College Personal Finance:<br>(SUNY/ECE)<br>AP Calculus AB (SUNY/ECE):<br>AP Calculus BC (SUNY/ECE):<br>AP Statistics:<br>Option for students who complete Algebra II or Algebra II (CC)<br>Raw score of $70 \%$ on Algebra I (CC) required for SUNY credit<br>Option for students who earn an 80\% in Pre-Calculus H or earn an 85\% in Pre-Calculus<br>An elective for any $11^{\text {th }}$ or $12^{\text {th }}$ grade students who earn an $85 \%$ average in their previous year's math course<br>Option for students who successfully complete Pre-Calculus with a 94\% or Pre-Calculus H with an 85\%<br>Option for students who successfully complete Pre-Calculus H with a 90\% Option for seniors who earn a 94\% in Pre-Calculus or a 90\% in Pre-Calculus H Option for juniors who receive a 94\% in Algebra II (CC) R or a 90\% in Algebra II (CC) H

## WORLD LANGUAGE:

Spanish I:

Spanish IB/IIA:

Spanish II:

Spanish III:
Spanish III H:
Spanish IV:
College Spanish I Pre-AP (SUNY/ECE):
Spanish V/College Spanish I (SUNY/ECE):
College Spanish II (SUNY/ECE):

French I:

French II:
French III:
French III H:
French IV:

College French I Pre-AP (SUNY/UHS): French V/College French I (SUNY/UHS):
College French II (SUNY/UHS): Latin I:

Latin II:
College Latin I (SUNY/UHS):

Option for students who have not previously taken a language or who wish to study a second language

Option for students who successfully complete Spanish I or middle school Spanish I with a basic understanding of the Spanish language and grammatical structures

Option for students who successfully complete Spanish I with $85 \%$ or higher with teacher recommendation
Option for students who successfully complete Spanish II or Spanish II E
Option for students who earn a 90\% in Spanish II
Option for students who successfully complete Spanish III or Spanish III H
Option for students who earn an 85\% in Spanish III H Option for students who successfully complete Spanish IV
Option for students who earn an 85\% in College Spanish I Pre-AP
Option for students who earn an 85\% in College Spanish I
Option for students who have not previously taken a language or who wish to study a second language

Option for students who successfully complete French I Option for students who successfully complete French II Option for students who earn a 90\% in French II Option for students who successfully complete French III R or French III
H
Option for students who receive an 85\% in French III H
Option for students who successfully complete French IV
Option for students who earn an 85\% in College French I Pre-AP
Option for students who have not taken a language in Middle School or who wish to study a second language
Option for students who successfully complete Latin I
Option for students who successfully complete Latin II

## Advanced Placement Courses:

AP Spanish:
AP French:

Option for students who earn a 90\% in College Spanish I Pre-AP.
Option for students who earn a 90\% in College French I Pre-AP.

## Electives:

Conversational Mandarin Chinese (Full year Course)
Students may pursue an interest in a second foreign language in French, Latin or Spanish

## HEALTH \& WELLNESS (Grades 9 through 12):

Health:
HOPE:
Electives:

This course is a graduation requirement for all students Online Health Program. Confer with Counselor for eligibility Introduction to Culinary Arts

## PHYSICAL EDUCATION (Grades 9 through 12)

Physical Education: Required for all students in Grades 9 through 12
Sports Management/First Aid/
CPR/AED First Responders: (SUNY/ECE)
PERFORMING ARTS:

## Band:

Concert Band 9/10:
College Band Ensemble I:
(SUNY/ECE)* 11/12
College Band Ensemble II:
(SUNY/ECE)* 11/12

Course satisfies the Fine Arts graduation requirement Course satisfies the Fine Arts graduation requirement

Option for students who successfully complete College Band Ensemble I

Chorus:
Concert Chorus 9/10: Course satisfies the Fine Arts graduation requirement
College Chorus Ensemble I:
(SUNY/ECE)* 11/12
College Chorus Ensemble II:
(SUNY/ECE)* 11/12

Course satisfies the Fine Arts graduation requirement

Option for students who successfully complete College Chorus Ensemble I

Option for all students in Grades 9 through 12
Course satisfies Physical Education graduation requirement

## Dance:

College Introduction to Dance: Course satisfies the Fine Arts OR Physical Education requirement
(SUNY/ECE) 9-12
College Choreography and Performance:
(SUNY/ECE) 11/12

## Music Theory:

College Music Theory I:
(SUNY/ECE) 9-12
AP Music Theory II:
(SUNY/ECE) 9-12

Course satisfies the Fine Arts graduation requirement

Option for students who successfully complete College Music Theory I
(OR COMPLETE CRITERIA REVIEW/DIAGNOSTIC EXAM)

## Orchestra:

Concert Orchestra 9/10: Course satisfies the Fine Arts graduation requirement
College Orchestra Ensemble I: Course satisfies the Fine Arts graduation requirement
(SUNY/ECE)* 11/12
College Orchestra Ensemble II: Option for students who successfully complete College Orchestra Ensemble I (SUNY/ECE)* 11/12
*College credit available for juniors and seniors only.

## VISUAL ARTS (Grades 9 through 12):

| Foundations of Studio in Art: | Full Year Course 1 Credit |
| :--- | :--- |
|  | Course satisfies Fine Arts graduation requirement |
| Drawing and Painting I: | Option for students who completed Foundations of Studio in Art I/Studio in Art II. <br> Freshmen welcome with a recommendation of MS instructor or permission of instructor <br> with a student drawing submission. |
|  |  |

## Honors, Advanced Placement and University Courses (Grades 10 through 12):

AP Art \& Design:
Drawing Portfolio:

AP Art \& Design:
2-D Design Portfolio:

College Beginning Painting (SUNY/UHS):

Advanced Drawing
\& Design Fundamentals H :

Full Year Course 1 Credit
Option for students who successfully complete Drawing \& Painting I H, College Beginning Painting, portfolio review and a consultation with the instructor

## Full Year Course 1 Credit

Option for students who successfully complete 3 years of art (Photography, Painting and Drawing, Media Design) Portfolio review and teacher recommendation

## Full Year Course 1 Credit

Option for students who successfully complete Drawing \& Painting I H Teacher recommendation required
Students will exit class with 6-8 paintings for college portfolio
Full Year Course 1 Credit
Option for students preparing a portfolio and who successfully complete Drawing and Painting I H and one other art class
Portfolio review and teacher recommendation

## One Semester Electives:

| Ceramics: Creativity in Clay: | Half Year (1/2 Credit) (1 ${ }^{\text {st }}$ Semester) |
| :---: | :---: |
|  | Sophomore, junior, or senior status |
| Sculpture: | Half Year (1/2 Credit) ( $2^{\text {nd }}$ Semester) |
| Darkroom Photography I: | Sophomore, junior, or senior status ( $1^{\text {st }}$ Semester) |
|  | Prerequisite: Foundations of Studio in Art |
| Darkroom Photography II: | Not required for juniors or seniors (2 ${ }^{\text {nd }}$ Semester) |
|  | Prerequisite: Darkroom Photography I |
| Computer Art \& Design: | Half Year (1/2 Credit) |
|  | Prerequisite: Foundations of Studio in Art |
|  | Not required for juniors or seniors |
| Digital Photography: | Half Year (1/2 Credit) |
|  | Prerequisite: Foundations of Studio in Art |

## TECHNOLOGY (Grades 9 through 12):

Principles of Engineering:
Advanced Principles of Engineering:
Introduction to Programming
AP Computer Science A:
AP Computer Science Principles Apple Certified Mac Technician:

Student Help Desk Technician:

Full Year Course 1 Credit Grs. 9-12
Full Year Course 1 Credit Grs. 10-12
Half Year Course $1 / 2$ Credit Grs. 9-12
Full Year Course 1 Credit Grs. 10-12
Full Year Course 1 Credit Grs. 10-12

Prerequisite: None
Prerequisite: Principles of Engineering
Prerequisite: None
Prerequisite: None
Prerequisite: None

Full Year $1 / 2$ Credit Grs. 9-12
Prerequisite: Apple Certified Mac
Technician
Full Year ½ Credit Grs. 9-12

## BOCES Tech Center

The BOCES Tech Center offers 36 Career and Technical education courses as part of your regular high school program. These are available in ten different Career Academies: Communications, Business, Teaching, Cosmetology, Environmental Science, Construction, Transportation, Hospitality, Health and English Language Learners. You can develop skills for a rewarding career, go on to college, or enter the military. Access the following website for more information and consult your counselor. http://www.pnwboces.org/techcenter/tech/index.htm

## SENIOR INTERNSHIP PROGRAM

One Elective Credit
The internship option is available to second semester seniors in good standing who have completed all graduation requirements. The program provides students with the opportunity to work with a professional in a specific field or develop an independent project of special interest. All students begin their internship in May and are no longer expected to attend classes at BHS. Interns are required to complete a journal, do research and prepare a PowerPoint presentation,
all under the guidance of a high school mentor. Several mandatory workshops during the year, along with monthly meetings are scheduled to assist the students throughout the process. Upon completion of the requirements of the program, an intern will be eligible to earn one elective credit.

