

BLOOMFIELD HIGH SCHOOL

COURSE DESCRIPTIONS & SCHEDULING GUIDE 2016-17

160 BROAD STREET • BLOOMFIELD, NEW JERSEY 07003
WWW.BLOOMFIELD.K12.NJ.US



BLOOMFIELD SCHOOL DISTRICT

Mission Statement

The Bloomfield Public School District, a culturally diverse system, is committed through cooperative efforts within an educational community to provide an equal opportunity for all learners to achieve individual success and be prepared to meet the needs of an evolving society.

We believe:

- A school is a microcosm of society, helping students function as responsible and productive citizens through the development of communication, decision-making and problem solving skills.
- A school should be an unbiased environment which engenders positive values and democratic principles, and one which develops a strong self-concept within the diverse cultures of the educational community.
- The unique cultural heritage of each student should be respected and integrated into the learning process.
- A school should encourage students to develop a life-long love of learning as an ongoing process to achieve their goals and the critical thinking abilities to challenge misconceptions, make decisions and reflect a variety of learned concepts.
- A school is a community center and education is fostered by positive community involvement through a commitment of financial support.
- A school should offer a safe, clean, healthy and stable environment for students and staff.
- Children, our most valuable resources, must develop to their optimum potential given their unique individual talents and needs.
- A school is a community where the highest standard of teacher expertise is provided and where the academic abilities of staff and students are promoted.
- A broad based curriculum should be provided which is comprehensive in academic and technical areas.





Letter from the Principal

Dear Parents/Guardians and Students:

This “Program of Studies” has been created for you to facilitate your course selection and to help you plan your academic program during your four years at Bloomfield High School. An overview of state and local graduation requirements is outlined. Each course description listed provides a brief synopsis of the course to help parents, students and guidance counselors act in unison in choosing a schedule.

A comprehensive education is offered in three patterns of study: AP, Honors, and College Prep. High school is a time of growth and exploration and students should take this opportunity to experience courses in a variety of fields to broaden their horizons. It is our goal to prepare students for success at an institution of higher learning upon completion of their studies at Bloomfield High School.

When you enter the doors of Bloomfield High School the world is open to you. Grab it with both hands! Best wishes for a successful school year.

Sincerely,



Chris Jennings

Chris Jennings
Principal





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Guideline for Credit and Graduation Requirements

Participation in a local program of study of not fewer than 120 credits in courses designed to meet all of the Core Curriculum Content Standards, including, but not limited to, the following credits:

- At least 20 credits in language arts literacy, aligned to grade nine through 12 standards, effective with the 2009-2010 grade nine class;
- At least 15 credits in mathematics, including algebra I or the content equivalent (“content equivalent” is defined at N.J.A.C. 6A:8-1.3) effective with the 2008-2009 grade nine class, including geometry or the content equivalent effective with the 2010-2011 grade nine class, and including a third year of mathematics that builds on the concepts and skills of algebra and geometry and that prepares students for college and 21st century careers effective with the 2012-2013 grade nine class;
- At least 15 credits in science, including at least five credits in laboratory biology/life science or the content equivalent effective with the 2008-2009 grade nine class, including one additional laboratory/inquiry-based science course which shall include chemistry, environmental science, or physics effective with 2010-2011 grade nine class, and including one additional laboratory/inquiry-based science course effective with 2012-2013 grade nine class;
- At least 15 credits in social studies, including satisfaction of N.J.S.A. 18A:35-1 and 2 (2 years of US History); five credits in world history; and the integration of civics, economics, geography and global content in all course offerings;
- At least 2.5 credits in financial, economic, business, and entrepreneurial literacy, effective with 2010-2011 grade nine class;
- At least 3 $\frac{3}{4}$ credits in health, safety, and physical education during each year of enrollment, distributed as 150 minutes per week, as required by N.J.S.A. 18A:35-5, 7 and 8;
- At least five credits in visual and performing arts;
- At least five credits in world languages or student demonstration of proficiency;
- Technological literacy, consistent with the Core Curriculum Content Standards, integrated throughout the curriculum;
- At least 5 credits in 21st century life and careers or career technical education
- **Students must take PARCC tests in English 1, 2, 3, Algebra 1, Geometry, and Algebra 2 (or their equivalents).**
- **Students in the classes of 2016, 2017, 2018, and 2019 must meet the minimum required scores in English/LAL and Mathematics on at least one of the state designated tests, which includes PARCC tests, SAT, ACT, PSAT, ACT Aspire, Accuplacer, or ASVAB.**

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





Guidelines for Enrollment/Dropping a Course for Credit 2016-17

BHS has an Attendance Policy that grants credit for time spent in quarter, semester and full year courses. Students must earn a passing grade in a course to earn credit. The policy is designed to maintain the integrity of a course as well as to encourage a student's responsibility for personal choices and efforts. All academic schedule changes will require parental approval. **Course changes and level changes are dependent upon available seating in the desired courses.**

1. FULL YEAR COURSE

Changes are acceptable up to SEPTEMBER 30, 2016 for a full year course for credit. The student's attendance and grades will be carried over into the new class. Level changes (e.g., honors to CP) are acceptable up to October 21, 2016. **Changes are dependent upon seating availability in the desired course.**

2. SEMESTER COURSE

Enrollment is acceptable up to Day 10 of the semester course for credit:

September 20, 2016 – 1st semester
February 10, 2017 – 2nd semester

The student's attendance and grades will be carried over to the new class. **Changes are dependent upon seating availability in the desired course.**

3. QUARTER COURSE – HEALTH ONLY

Enrollment is acceptable up to Day 7 of a quarter course for credit. Attendance will be carried over to the new class.

Health is required and may not be dropped.





Grading and Ranking

COURSE GRADING

For 2016-17 a numerical average is used to determine and report marking period and final grades. Midterm and final exam grades will be combined for a 5th marking period grade. Each marking period will count as 1/5 of the final grade for a full year course. A floor grade of 50 is used for the first marking period only, with 35 thereafter for the remaining marking periods. Letters will no longer be reported, however, when necessary, BHS converts numerical grades to letters as follows:

Numerical Equivalent	Grade
95-100	A+
90-94	A
85-89	B+
80-84	B
75-79	C+
70-74	C
65-69	D
50-64	F+
0-49	F

Numerical grades will no longer be converted to letter grades for the purpose of grade reporting. Final grades are based on numerical averages.

RANKING AND GRADE POINT AVERAGE

Students have a weighted grade point average based on a 4.0 scale. Students are ranked on the weighted grade point average. Grade points are the product of values assigned to a particular passing grades multiplied times the number of attempted credits in a course.

Courses in English, Math, Social Science, Science, World Languages, and selected electives in these areas are included in the weighted GPA, excluding test preparation electives. Each of these full year courses is considered to be one academic unit. All students are ranked.

WEIGHTED GPA

Weighted Grade Point Average (GPA) is the total of the final grade points of all academic units divided by the total number of attempted credits. Only Weighted GPA is used for ranking.

COURSE WEIGHTING FOR WEIGHTED GPA

College Preparatory courses are used as the standard for grade points. Honors courses are weighted 12.5% more than College Prep, and AP courses are weighted 25% more than College Prep. Note that the grade points are weighted, not the grade in the course.

The following chart displays GPA values for all passing grades in College Prep, Honors, and AP courses.





Grade	Grade Points		
	CP	H	AP
65	1.000	1.125	1.250
66	1.000	1.125	1.250
67	1.000	1.125	1.250
68	1.300	1.463	1.625
69	1.300	1.463	1.625
70	1.700	1.913	2.125
71	1.700	1.913	2.125
72	1.700	1.913	2.125
73	2.000	2.250	2.500
74	2.000	2.250	2.500
75	2.000	2.250	2.500
76	2.000	2.250	2.500
77	2.300	2.588	2.875
78	2.300	2.588	2.875
79	2.300	2.588	2.875
80	2.700	3.038	3.375
81	2.700	3.038	3.375
82	2.700	3.038	3.375
83	3.000	3.375	3.750
84	3.000	3.375	3.750
85	3.000	3.375	3.750
86	3.000	3.375	3.750
87	3.300	3.713	4.125
88	3.300	3.713	4.125
89	3.300	3.713	4.125
90	3.700	4.163	4.625
91	3.700	4.163	4.625
92	3.700	4.163	4.625
93	3.800	4.275	4.750
94	3.800	4.275	4.750
95	3.800	4.275	4.750
96	3.900	4.388	4.875
97	3.900	4.388	4.875
98	3.900	4.388	4.875
99	4.000	4.500	5.000
100	4.000	4.500	5.000

UNWEIGHTED (4.0) GPA

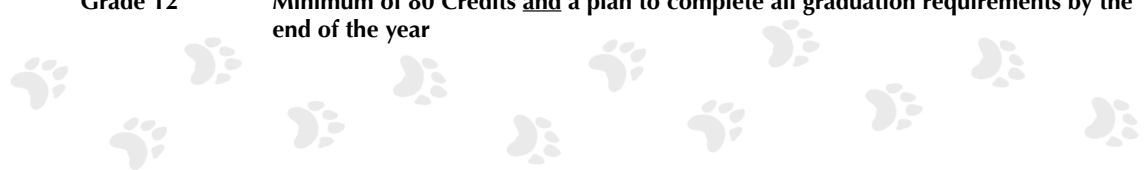
For the sake of comparisons, some programs (e.g., particular college admissions, particular scholarships, etc.) request an unweighted GPA based on a 4.0 scale. Unlike the weighted GPA, ALL courses are included in the unweighted GPA. Unweighted GPA is the total of the final unweighted grade points (CP values are applied to all courses, regardless of their levels) of all academic units divided by the total number of attempted credits. This GPA is *not* used for ranking, and is essentially only computed upon request.

Since the unweighted GPA uses all courses, it is possible for a student’s weighted and unweighted GPAs to be very different. They are not meant to be compared to each other.

PROMOTION

To be considered promoted to the next grade level, students must complete the following number of credits:

- Grade 9**
 - Grade 10**
 - Grade 11**
 - Grade 12**
- Promotion from 8th Grade**
Minimum of 30 Credits
Minimum of 60 Credits
Minimum of 80 Credits and a plan to complete all graduation requirements by the end of the year





SUMMER SCHOOL

Students who fail courses during the school year must have at least a 50 average in order to be eligible for summer school. Bloomfield High School will not accept credit from outside summer schools unless the student had at least a 50 average for the course at Bloomfield High School during the academic year. Students may enroll concurrently at a community college for a course while they are attending Bloomfield High School if they have acquired at least 90 credits at BHS. **Students who fail with less than a 50 average or have not taken a course may attend an approved summer school that offers the course for advanced credit and is 120 hours.**

HONOR ROLL

The Honor Roll is designed to recognize students who have achieved academic status by superior performance in their course of study. Outstanding students are recognized by high honors, honors, or honorable mention depending on their grades for each marking period.

High Honors	Minimum 5 courses with grades from 90-100, maximum one course not lower than 70
Honors (minimum)	3 or 4 courses with grades from 90-100, maximum one course not lower than 70
Honorable Mention	Minimum 5 courses with grades from 80-100, sixth course not lower than 70

Students must take at least six courses including Physical Education. Courses which do not meet five days each week are excluded from consideration.

Work experience and time share grades may be doubled or tripled depending on the number of credits assigned to the course.

ASSESSMENT REQUIREMENT FOR GRADUATION

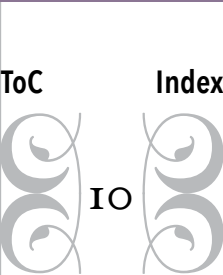
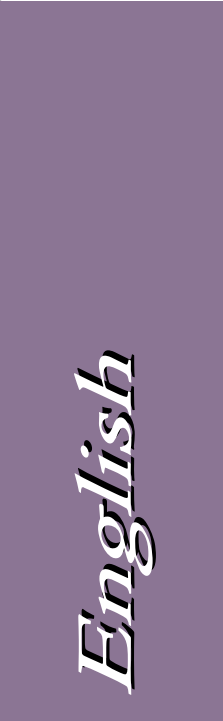
Classes of 2016, 2017, 2018, and 2019 must meet ONE of the following in each column:	
English Language Arts	Mathematics
Passing score on a PARCC ELA 9 <i>or</i>	Passing score on a PARCC Algebra I <i>or</i>
Passing score on a PARCC ELA 9 <i>or</i>	Passing score on a PARCC Geometry <i>or</i>
Passing score on a PARCC ELA 9 <i>or</i>	Passing score on a PARCC Algebra II <i>or</i>
SAT ≥ 400 <i>or</i>	SAT ≥ 400 <i>or</i>
ACT ≥ 16 <i>or</i>	ACT ≥ 16 <i>or</i>
Accuplacer Write Placer ≥ 6 <i>or</i>	Accuplacer Elementary Algebra ≥ 76 <i>or</i>
PSAT ≥ 40 <i>or</i>	PSAT ≥ 40 <i>or</i>
ACT Aspire ≥ 422	ACT Aspire ≥ 422
ASVAB-AFQT ≥ 31 <i>or</i>	ASVAB-AFQT ≥ 31 <i>or</i>
Meet the Criteria of the NJDOE Portfolio Appeal	Meet the Criteria of the NJDOE Portfolio Appeal

EXAMINATIONS ADMINISTERED AT BHS

In addition to the required PARCC exams, these optional examinations are given at Bloomfield High School as a service and convenience to our students. These include:

- SAT Examinations (fall & spring)
- PSAT/NMSQT Exam (fall)
- Armed Services Vocational Aptitude Battery (ASVAB)
- Accuplacer





English Language Arts

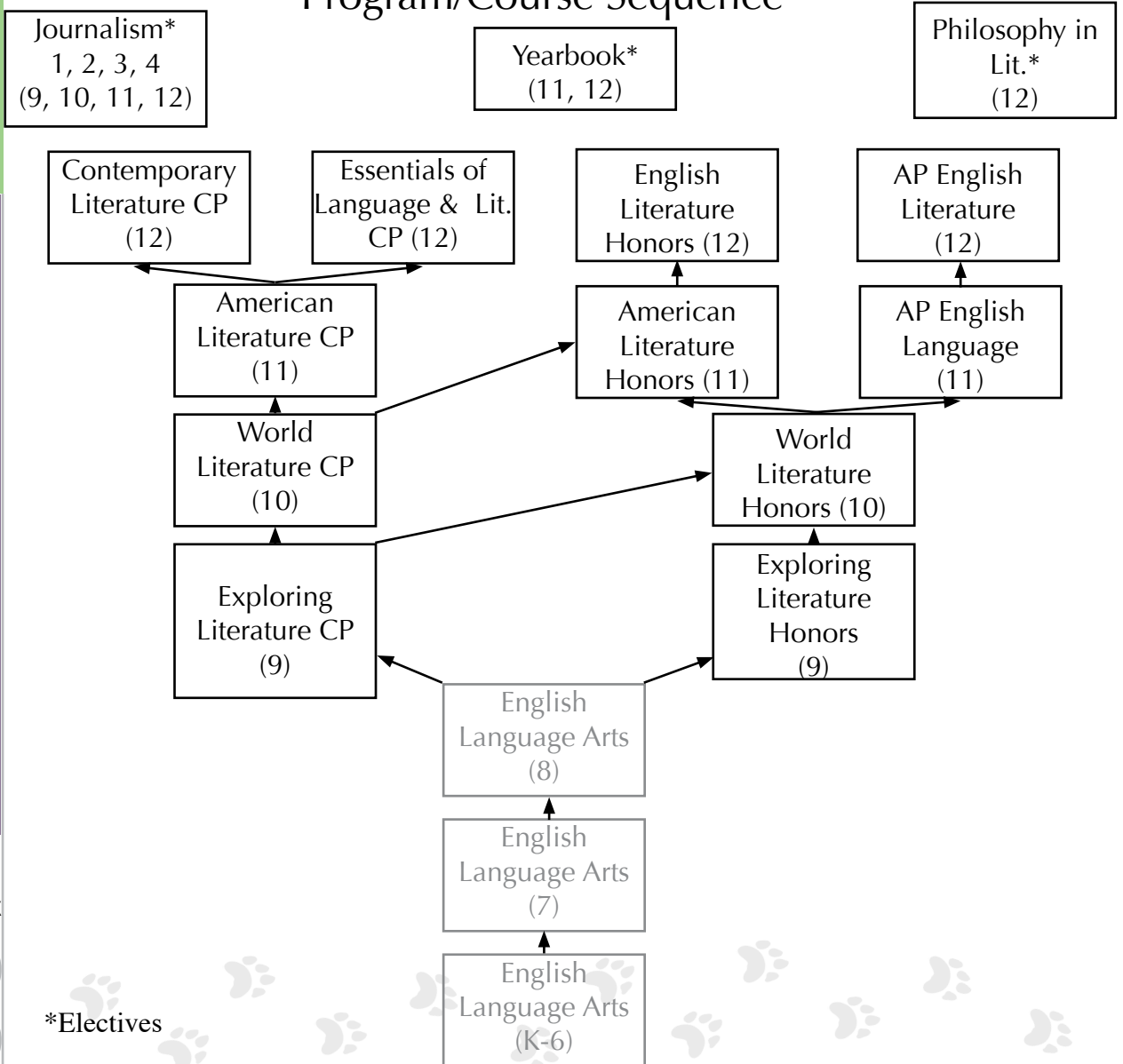
Department Supervisor: Suzanne Johnson
 sjohnson@bloomfield.k12.nj.us; x4384

The English program is designed to improve the students' awareness of the important role that the English language and its literature play in their personal and career development. Essential to the overall program of studies, the English program emphasizes the development of the powers of comprehension, of critical thinking skills, and of cogency and fluency in the expression and communication of ideas.

While the English program stresses competence in skills of reading, writing, speaking and listening, it also provides experiences and activities that will help students become discriminating users of print and non-print media. Literacy and media works, selected for both excellence in content and style and relevance to student interest, will promote humanistic attitudes, aesthetic appreciation, and critical evaluation skills while also providing leisure time activities.

Fulfilling this responsibility to our students' total literacy is the cornerstone of our Department's philosophy.

Bloomfield Public Schools English Language Arts K-12 Program/Course Sequence



*Electives

English



20020114 **ENGLISH 1: EXPLORING LITERATURE HONORS**
(9) 5 CR. PREREQUISITE: TEACHER RECOMMENDATION.
ENGLISH 1 HONORS, for students of superior ability, requires oral presentations, research, computer application, and a genre based study of both fiction and non-fiction text, including short stories, drama, poetry, biography, and essays. Literature includes: The Odyssey, Great Expectations, Black Boy, and Romeo and Juliet.

20020113 **ENGLISH 1: EXPLORING LITERATURE CP**
(9) 5 CR. PREREQUISITE: COUNSELOR REVIEW.
ENGLISH 1 COLLEGE PREPARATORY focuses on the mastery of skills and the willingness to accept challenging college preparatory subject matter. The program requires high motivation and intensive study. Included are writing and word study, a Shakespearean play, and a genre based study of drama, poetry, non-fiction, the short story, the novel, and the epic. Literature includes: To Kill a Mockingbird, Romeo and Juliet, The Odyssey, and Great Expectations.

020124 **ENGLISH 2: WORLD LITERATURE HONORS**
(10) 5 CR. PREREQUISITE: B/BETTER, ENGLISH 1 HONORS, DEPARTMENT RECOMMENDATION; COUNSELOR REVIEW.
ENGLISH 2 HONORS is an accelerated class that focuses on reading stressing sensitivity to subtleties, vocabulary study stressing preparation for PSAT and HSPA, and writing practice stressing research and argument development. The course is designed around specific regions of the world and the authors and expressions of those regions. The honors level includes such major works as One Hundred Years of Solitude, Eugene Onegin, and Shakespeare's Julius Caesar.

20020123 **ENGLISH 2: WORLD LITERATURE CP**
(10) 5 CR. PREREQUISITE: ENGLISH 1, COUNSELOR REVIEW.
ENGLISH 2 COLLEGE PREPARATORY emphasizes the further development of vocabulary, grammar, writing and research skills through the study of writings and expressions of authors from specific regions of the world. World Literature includes such major works as The Alchemist, A Doll's House, and Shakespeare's Julius Caesar.

20020135 **AP ENGLISH LANGUAGE 3: AP LANGUAGE AND COMPOSITION**
(11) 5 CR. PREREQUISITE: ENGLISH 1, 2; COUNSELOR REVIEW.
This course "engages students in becoming skilled readers of prose written in a variety of rhetorical contexts, and in becoming skilled writers who compose for a variety of purposes. Both their writing and their reading should make students aware of the interactions among a writer's purposes, audience expectations, and subjects, as well as the way genre conventions and the resources of language contribute to effectiveness in writing." (taken from AP Language and Composition course description catalogue) Students choosing AP English Language and Composition should be interested in studying and writing various kinds of analytic or persuasive essays on nonliterary topics. All students in this course are expected to take the AP exam in May.

English

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English



20020134 **ENGLISH 3: AMERICAN LITERATURE HONORS**
(11) 5 CR. PREREQUISITE: B/BETTER, ENGLISH 1, 2 Honors . TEACHER RECOMMENDATION; COUNSELOR REVIEW.
ENGLISH 3 HONORS is a prerequisite for AP ENGLISH concentrating on rigorous development of writing, research, and critical thinking skills. Literature emphasizes American Literature, including works such as Ethan Frome, Huckleberry Finn, The Red Badge of Courage, The Great Gatsby, Billy Budd, Hamlet, The Crucible, Death of a Salesman, and Inherit the Wind.

20020133 **ENGLISH 3: AMERICAN LITERATURE CP**
(11) 5 CR. PREREQUISITE: ENGLISH 1, 2; COUNSELOR REVIEW.
ENGLISH 3 COLLEGE PREPARATORY demands a demonstration of proficiency in reading, writing, and research. Vocabulary is enhanced through a review of literature which includes such works as The Scarlet Letter, The Great Gatsby, Hamlet, The Crucible, and Inherit the Wind.

20020145 **AP ENGLISH LANGUAGE 4: AP LITERATURE AND COMPOSITION**
(12) 5 CR. PREREQUISITE: ENGLISH 1, 2, 3 HONORS; B/ BETTER; DEPARTMENT RECOMMENDATION; COUNSELOR REVIEW.
Application of research, critical thinking skills, and independent study are inherent in ADVANCED PLACEMENT ENGLISH. Students are expected to take the AP exam in May. Literature includes the comedies of Shakespeare, the plays of Ibsen and Chekhov, novels by Hardy, Conrad, Orwell, and Huxley.

20021343 **ENGLISH 4: BRITISH LITERATURE HONORS**
(12) 5 CR. PREREQUISITE: ENGLISH 1, 2, 3 HONORS.

This course is designed to provide students with a rigorous experience in literature studies. Students in this course will read a variety of literature across a variety of genres primarily centered on traditional British Literature, beginning with Beowulf and moving through the canon in to more contemporary works such as Brave New World. This course will take an in-depth exploration into the literary research process and demand that students develop and apply skills of critical analysis in both the written and spoken format. All students will be required to develop a portfolio that displays mastery of those skills.

20021343 **ENGLISH 4: CONTEMPORARY LITERATURE CP**

(12) 5 CR. PREREQUISITE: ENGLISH 1, 2, 3. Students will read a variety of literature across a variety of genres primarily after 1965. In their study, they will focus on authors, themes, concerns of the times, structures, and techniques that have influenced the development of literature in the latter half of the twentieth century and the early twenty-first century. Students will engage in a variety of writing, including analysis of literature and self-reflective writing, to establish a portfolio for graduation.

20021443 **ENGLISH 4: ESSENTIALS OF LANGUAGE AND LITERATURE CP**

(12) 5 CR. PREREQUISITE: ENGLISH 1, 2, 3. This course is designed to strengthen students' reading comprehension and writing skills. Students will read a variety of non-fiction pieces, novels, short stories, plays and poems to examine the values and ideas brought out by the work. The course will explore the use of language as it relates to the daily experiences and needs of people. Students will work to become intelligent consumers, develop critical and sensitive responses to media and improve their communication skills. Students will be required to develop a portfolio of writing that is reflective of those skills.

English

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20020213 **PHILOSOPHY AND LITERATURE**
(11-12) 5 CR. PREREQUISITE: ENGLISH CP, Honors or AP: B/BETTER. This course is an elective that focuses on the major philosophical movements throughout Western history and how they manifest themselves in various modes of literature, from the purely philosophical discourse to drama and the novel. Students read, discuss and write about various philosophical works, from the Pre-Socratics to the Existentialists as well as relevant literary pieces.

20020413 **JOURNALISM 1 CP**
(9,-12) 5 CR. PREREQUISITE: ENGLISH I; B/ BETTER is required for all staff members of the school newspaper, School Prints. JOURNALISM 1 CP introduces the elements of journalistic writing: news, feature, and editorial. Desktop publishing, technical writing, photography, layout, proofreading, and the basics of composition and mechanics are produced and analyzed by students.

20020423 **JOURNALISM 2 CP**
(10-12) 5 CR. PREREQUISITE: JOURNALISM 1.
JOURNALISM 2 provides an opportunity for students to apply the skills developed in the first year of journalism. The primary activity for students is the development of the newspaper, Student Prints, inclusive of reporting, writing, layout, story assignments, deadlines, and desktop publishing.

20020433 **JOURNALISM 3 CP**
(11, 12) 5 CR. PREREQUISITE: JOURNALISM 1, 2; B/BETTER.
JOURNALISM 3 is the course wherein editorial decisions are made and editorial staff is selected. Writing, editing and proofreading are primary responsibilities for students. Initiative in the origination of stories, reportorial assignments, and mastery of desktop publishing are elements of the course.

20020443 **JOURNALISM 4 CP**
(12) 5 CR. PREREQUISITE: JOURNALISM 1, 2, 3.
JOURNALISM 4 meets concurrently with JOURNALISM 3 to establish the editorial staff that will produce the newspaper, Student Prints. Students are expected to show mastery in desktop publishing, editorial development, reportorial assignments, proofreading, and editing. In addition, seniors teach younger staff.

20021111 **ACCUPLACER PORTFOLIO LAL Fall and Spring**
(12) 2.5 CR. PREREQUISITE: INCOMPLETE PROFICIENCY FOR STATE TESTING REQUIREMENT IN LAL.
ACCUPLACER PORTFOLIO LAL is a remedial course for students whose LAL score(s) are below minimum proficiencies for all state graduation assessments. Students are required to demonstrate proficiency by either a passing score on the Accuplacer Write Placer exam or by the NJ State Portfolio process. A student who fails the fall administration of exams is rescheduled for ACCUPLACER PORTOLIO LAL Spring.

20020311 **YEARBOOK PRODUCTION**
(11, 12) 5 CR.
The YEARBOOK PRODUCTION course teaches the basics of yearbook journalism, including theme, coverage, copy, design, and photography. The students will be responsible for setting and meeting deadlines, working within a strict budget, selling the book, managing the sales data, and using online publishing software. Students will cooperate within groups in the class, and they will also work with school personnel, publication representatives, and professional photographers as needed to produce the school yearbook.



English as a Second Language (ESL)



English as a Second Language

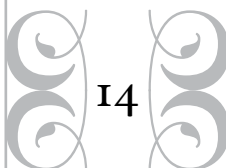
Department Supervisor: Cyndie Schirm
cschirm@bloomfield.k12.nj.us; x4139

- 120111 **ESL 1**
(9-12) 5 CR. PREREQUISITE: LAB SC 0-29.
In addition to a minimum LAB score, the placement is determined by multiple measures including teacher recommendation and grades in other courses. Credit for this introductory English class is applicable for any level of English. It is scheduled in tandem with ESL Reading 1, to enable students to gain mastery.
- 120121 **ESL 2**
(9-12) 5 CR. PREREQUISITE: LAB SC 39-60.
Placement is determined by multiple measures, including teacher recommendation and grades in other courses. Credit for this class is applicable for any level of English. It is scheduled in tandem with ESL Reading 2 to enable students to gain mastery and success in mainstream courses.
- 120131 **ESL 3**
(9-12) 5 CR. PREREQUISITE: LAB SC 61-90.
In addition to the score range, multiple measures, including teacher recommendation and grades in other courses, are used for placement. Credit for this course is applicable for any level of English. It is scheduled in tandem with the grade appropriate English course, to better enable students to gain mastery in English.
- 120211 **ESL READING 1**
(9-12) 5 CR. PREREQUISITE: ENROLLMENT ESL 1.
ESL READING 1 is a companion course for ESL 1. Students are provided additional time for developing reading and writing skills, and reviewing assignments from other classes.
- 120221 **ESL READING 2**
(9-12) 5 CR. PREREQUISITE: ENROLLMENT ESL 2.
ESL READING 2 is a companion course for ESL 2. The emphasis is on continued development of reading and writing skills. The class provides a venue for review and completion of assignments from other classes.

ESL

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Fine Arts

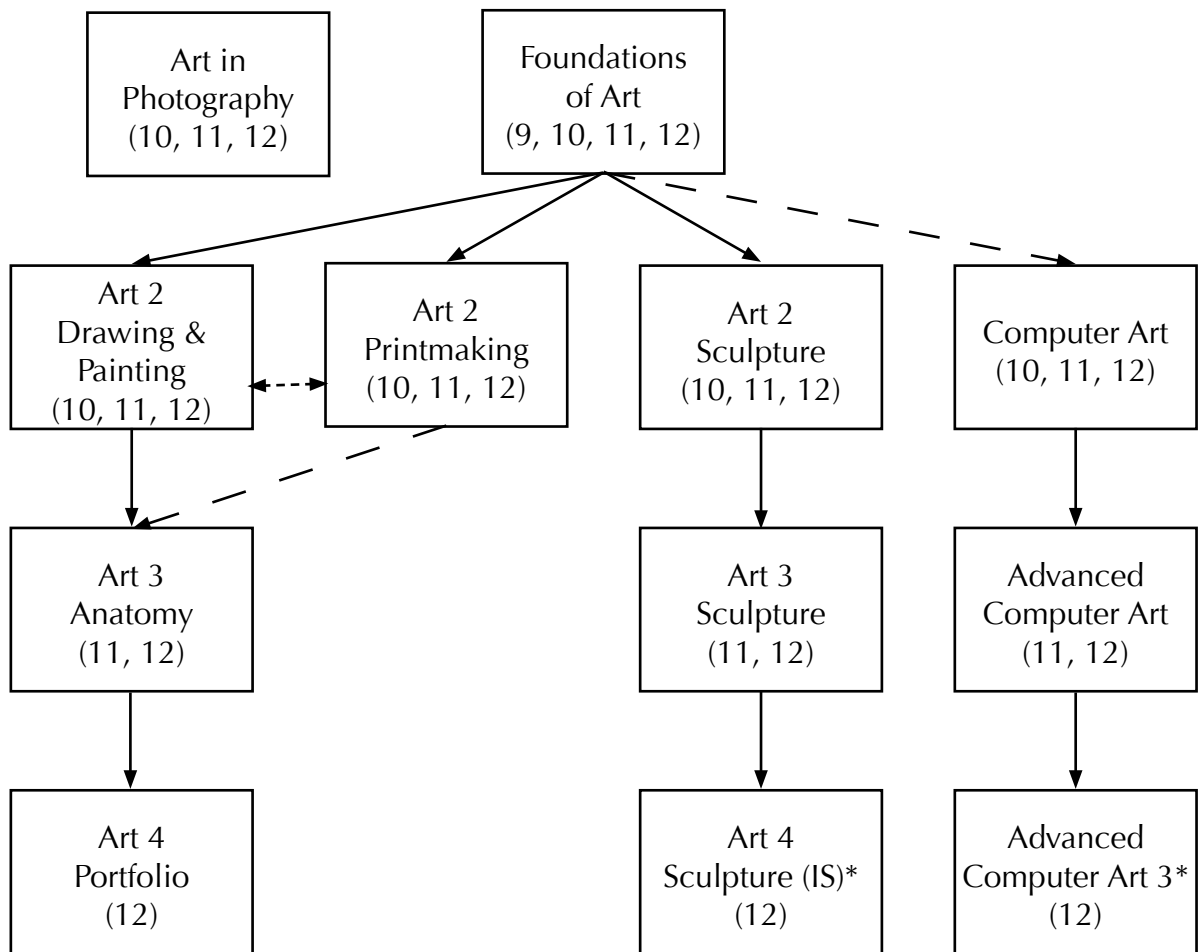


Fine Arts

Department Supervisor: Jennifer Khoury
 jkhoury@bloomfield.k12.nj.us; x4392

The Visual Art Department offers a variety of classes for all students, from novice to advanced, including those wishing to pursue art in college. Students generally start with the Foundations of Art course and in subsequent years proceed to more specific Art 2 courses. Computer Art courses are offered, as well, for students interested in learning Photoshop, Illustrator, and other industry standard art software. All courses in the art department fulfill the fine or performing art requirement for graduation. Student work is exhibited at least twice a year in the BHS galleries, as well as other shows in the area and state. The newly created and renovated art facilities include painting and drawing rooms, a sculpture room with pottery wheels and kilns, a dark room, a computer art lab, two galleries, and an art library.

VISUAL ART DEPARTMENT Course Offerings



———— Prerequisite

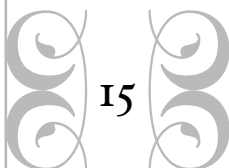
- - - - - Recommended

*Independent Study

Fine Arts - Art

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031111 **FOUNDATION OF ART**

(9-12) 5 CR. PREREQUISITE: NONE.
FOUNDATION OF ART is the introductory course in fine arts. Students are expected to develop skills with a variety of materials, and to become aware of basic elements and principles that are used in design: line, form, shape, space, texture, value, color, and balance. Care of tools, materials, work and space are emphasized in class.

031321 **ART 2 SCULPTURE**

(10-12) 5 CR. PREREQUISITE: FOUNDATION OF ART, RECOMMENDATION.
ART 2 SCULPTURE is offered to those students who wish to concentrate on sculpture. Students explore art as a three dimensional form using various media including plaster and clay. Students are also expected to research historical and current applications of sculpture as an art medium.

031221 **ART 2 DRAWING/PAINTING**

(10-12) 5 CR. PREREQUISITE: FOUNDATION OF ART, RECOMMENDATION.
ART 2 DRAWING/PAINTING is a second year course for those students who wish to more seriously concentrate on drawing and painting. Students will explore the elements of various artistic movements and styles, as well as the disciplines of representative and abstract drawing. Students are expected to use pen, pencil, brush, and other various tools and media to create work in the class.

031421 **ART 2 PRINTMAKING**

(10-12) 5 CR. PREREQUISITE: FOUNDATION OF ART, RECOMMENDATION.
ART 2 PRINTMAKING is a second year course for those students interested in exploring printmaking and bookmaking techniques. Students will explore various types of printmaking, and how print functions within cultures. Media explored will include linoleum prints, etching, lithography and silkscreening. Bookmaking formats will include sewn single and multi-signature bindings, Japanese bindings, folded bindings, decorative spine book structures and altered books.

031331 **ART 3 SCULPTURE**

(11-12) 5 CR. PREREQUISITE: ART 2, RECOMMENDATION.
ART 3 SCULPTURE is offered to the advanced student in sculpture who wishes to concentrate in this discipline. Students are required to develop work through research, design, and application of different materials with emphasis on advanced work, long-term projects, and more independence to explore 3-D design.

031341 **ART 4 SCULPTURE, INDEPENDENT STUDY**

(12) 5 CR. PREREQUISITE: 3 YEARS OF ART, TEACHER RECOMMENDATION
ART 4 SCULPTURE is offered to the advanced student in sculpture who wishes to concentrate in this medium. The class will be offered concurrently with SCULPTURE 3. Students will operate on a more individualized basis to set personal goals and project parameters.





031511 **COMPUTER ART**

(10-12) 5 CR. PREREQUISITE: FOUNDATION OF ART RECOMMENDED.

It is recommended that students take FOUNDATION OF ART prior to the COMPUTER ART class, but students with experience in art may elect this beginning class. This course utilizes software to investigate and explore artistic expression in the digital medium. This curriculum provides instruction in computer use.

031231 **ART 3 ANATOMY**

(11-12) 5 CR. PREREQUISITE: ART 2 DRAWING/PAINTING, TEACHER RECOMMENDATION.

ART 3 ANATOMY is the third year of art for students who are interested in in-depth art making. The human structure and musculature are studied and rendered through various methods of drawing and painting. A historical retrospective of anatomical drawings and paintings provides the basis for student development of advanced, long-term projects.

031241 **ART 4 PORTFOLIO**

(12) 5 CR. PREREQUISITE: 3 YEARS OF ART.

ART 4 PORTFOLIO meets concurrently with ART 3 ANATOMY, and provides an opportunity for seniors to produce and develop a portfolio for submission as part of the college application process. Students are expected to produce work that demonstrates a high degree of style and proficiency in art. Students are expected to work independently, creatively, and seriously.

031611 **ART IN PHOTOGRAPHY**

(10-12) 5 CR. PREREQUISITE: NONE/35MM SLR MANUAL CAMERA.

ART IN PHOTOGRAPHY requires that students have a 35mm single reflex manually operated camera in order to complete assignments for the course. Students will gain a working knowledge of composition, lighting, developing, and printing black and white and color photographs. Research in advertising and photography is expected.

031521 **ADVANCED COMPUTER ART**

(10-12) 5 CR. PREREQUISITE: COMPUTER ART, TEACHER RECOMMENDATION.

ADVANCED COMPUTER ART is the second year component of applied computer software in art. Enrollment is based on achievement in the first year, and teacher recommendation to continue. Students are expected to continue exploration and application of software to produce aesthetic work from the computer.

031531 **ADVANCED COMPUTER ART 3**

(12) 5 CR. PREREQUISITE: 2 YEARS COMPUTER ART.

ADVANCED COMPUTER ART 3 is designed for the student who wishes to continue the program, and more than likely will major in a post secondary program. The course is offered concurrently with existing computer art courses. Students are expected to operate on an individual basis, utilizing an independent study practice.





MUSIC DEPARTMENT Course Offerings

The BHS Music Department offers all students the opportunity to participate in music, whether just starting out or seasoned performer. Students have the opportunity to sing, play instruments, and learn how music works while building both cultural and social connections. Students may participate in band, choir, or orchestra, or any combination of the three. In addition, ensemble students have the opportunity to audition and participate in honors groups like Region, All-State and All-Eastern. All courses in the music department fulfill the fine or performing art requirement for graduation.

20032111 FRESHMAN BAND 6.0
(9) 6 CR. PREREQUISITE: NONE.
FRESHMAN BAND provides group experience for wind and percussion instruments. In addition to full ensemble band music, every student will have the opportunity to perform in smaller groups, such as Jazz Band, Percussion Ensemble, Brass Choir and Woodwind Ensembles. All Freshman Band members are required to attend evening rehearsals and concerts throughout the year, participate in Marching Band, and participate in a lab one day every other week during their gym period.

TWO FRESHMAN ENSEMBLES
(9) 3 CR. EACH. PREREQUISITE: TEACHER RECOMMENDATION.
With permission, freshmen may elect to participate in two musical ensembles, which share the same period. Students will be responsible for all work associated with both classes, including extra rehearsals and performances (where attendance is required). Students are required to participate in lab classes every other week, alternating between the two performance areas. If choosing Band, students are required to participate in Marching Band. Students select two of the three ensembles below:

20032211 MIXED CHORUS 6.0
(9-12) 6 CR. PREREQUISITE: NONE.
The MIXED CHORUS is designed for students in their first year of choir. Students are introduced to the principles of singing, note reading, ensemble skills and performance. All members are required to attend evening rehearsals and concerts throughout the year and participate in a lab one day every other week.

- 20032118 **FRESHMAN BAND 3.0**
- 20032218 **MIXED CHORUS 3.0**
- 20032318 **FRESHMAN ORCHESTRA 3.0**

THREE FRESHMAN ENSEMBLES
(9) 2 CR. EACH. PREREQUISITE: TEACHER RECOMMENDATION.
With permission, freshmen may elect to participate in all three musical ensembles, which share the same period. Students will be assigned by the teachers in the Music Department according to the time necessary for specific performances. All students are required to attend evening rehearsals and concerts throughout the year, participate in Marching Band, and participate in a lab one day every other week during their gym period. Students select all three ensembles below:

20032311 FRESHMAN ORCHESTRA 6.0
(9) 6 CR. PREREQUISITE: PRIOR STRING EXPERIENCE.
FRESHMAN ORCHESTRA provides a group experience for string players. Students are expected to practice at home, keep their instruments clean and in good playing condition, and improve sight-reading ability. Students perform with the Upperclassman Orchestra. All Freshman Orchestra members are required to attend evening rehearsals and concerts throughout the year and participate in a lab one day every other week during their gym period.

- 20032120 **FRESHMAN BAND 2.0**
- 20032220 **MIXED CHORUS 2.0**
- 20032320 **FRESHMAN ORCHESTRA 2.0**





20032121 **CONCERT BAND [UPPERCLASSMAN BAND]**
(10-12) 6 CR. PREREQUISITE: NONE.
CONCERT BAND is open to all upperclassmen and provides group experience for wind and percussion instruments. In addition to full ensemble band music, every student will have the opportunity to perform in smaller groups, such as Jazz Band, Percussion Ensemble, Brass Choir and Woodwind Ensembles. Students are expected to improve technique particular to their instruments, including intonation, dexterity, sight-reading, and fingerings, where appropriate. All Concert Band members are required to attend evening rehearsals and concerts throughout the year, participate in Marching Band, and participate in a lab one day every other week during their gym period.

20032221 **CONCERT CHOIR [UPPERCLASSMAN CHOIR]**
(10-12) 6 CR. PREREQUISITE: NONE, MIXED CHORUS OR ITS EQUIVALENT STRONGLY RECOMMENDED.
CONCERT CHOIR is open to all upperclassmen. Students are expected to learn proper singing technique, improve music reading skills, and perform high-level music. All Concert Choir members are required to attend evening rehearsals and concerts throughout the year and participate in a lab one day every other week during their gym period.

20032321 **UPPERCLASSMAN ORCHESTRA**
(10-12) 6 CR. PREREQUISITE: PRIOR STRING EXPERIENCE.
UPPERCLASSMAN ORCHESTRA provides a group experience for string players. In addition to full orchestra and string orchestra music, students will have the opportunity to audition for the Special String Ensemble, which meets at night and performs for school and community functions. All Orchestra members are required to attend evening rehearsals and concerts throughout the year, and participate in a lab one day every other week during their gym period.

TWO UPPERCLASS ENSEMBLES
(10-12) 3 CR. EACH. PREREQUISITE: TEACHER RECOMMENDATION.
With permission, students in grade 10, 11 or 12 may elect to participate in two musical ensembles, which share the same period. Students will be responsible for all work associated with both classes, including extra rehearsals and performances (where attendance is required). Students are required to participate in lab classes every other week, alternating between the two performance areas. If choosing Band, students are required to participate in Marching Band. Students select two of the three ensembles below:

20032128 **UPPERCLASSMAN BAND 3.0**
20032228 **CONCERT CHOIR 3.0**
20032328 **UPPERCLASSMAN ORCHESTRA 3.0**

THREE UPPERCLASS ENSEMBLES
(10-12) 2 CR. EACH. PREREQUISITE: TEACHER RECOMMENDATION.
With permission, students in grade 10, 11 or 12 may elect to participate in all three musical ensembles, which share the same period. Students will be assigned by the teachers in the Music Department according to the time necessary for specific performances. All students are required to attend evening rehearsals and concerts throughout the year, participate in Marching Band, and participate in a lab one day every other week during their gym period. Students select all three ensembles below:

20032120 **UPPERCLASSMAN BAND 2.0**
20032220 **CONCERT CHOIR 2.0**
20032320 **UPPERCLASSMAN ORCHESTRA 2.0**



Fine Arts



20032911 **MUSIC TECHNOLOGY**
(9-12) 5 CR. PREREQUISITE: NONE
Students will use music software and hardware to learn the basics of music, basic piano skills, composition, and digital recording. No knowledge of music or piano is necessary, but basic computer skills will be helpful.

20032811 **MUSIC THEORY 1**
(9-12) 5 CR. PREREQUISITE: NONE.
MUSIC THEORY 1 is an exploration of the elements found in all types of music, including melody, harmony, rhythm, and meter. This course focuses on music composition skills, as well as aural (listening) skills. Students should know the fundamentals of reading music, but need not be advanced. This class is an aid to performing and arranging both classical and popular music.

20032821 **MUSIC THEORY 2**
(10-12) 5 CR. PREREQUISITE: MUSIC THEORY 1.
MUSIC THEORY 2 is an advanced class that builds from the concepts and skills presented in MUSIC THEORY 1. Students will explore complex music concepts, including chromatic harmony, scoring, and writing for instruments and ensembles.

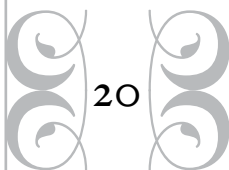
20034011 **PIANO 1**
(9-12) 2.5 CR. PREREQUISITE: NONE.
PIANO 1 focuses on instruction in basic music theory, note reading, music composition, history and piano performance techniques. No prior piano experience is necessary. Students will have access to a piano in the Music Technology lab. Students will be expected to perform prepared pieces at the culmination of the class.

20034021 **PIANO 2**
(9-12) 2.5 CR. PREREQUISITE: PIANO 1 OR TEACHER RECOMMENDATION.
This course builds on skills and information learned in Piano 1. Students should have some prior piano experience. Students will have access to a piano in the Music Technology lab. Students will be expected to perform prepared pieces at the culmination of the class.

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Music

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DRAMA & TELEVISION BROADCAST AND PRODUCTION PROGRAM

Students may take offerings in Television Broadcast and Production that are taught in a fully equipped television studio. This program is a complete course of study that includes hands-on classes teaching topics of film production, film directing, film editing, digital editing, audio editing, film production, video production and TV news production. These classes are responsible for the creation of shows that are broadcast on the Bloomfield School District Public Access Station BETV. Traditional Drama classes are also available.

- 20033101 **INTRODUCTION TO TELEVISION ARTS AND SCIENCES**
(9-11) 5 CR.
This course is the beginning of a sequence of classes to prepare students for broadcasting. Operation of television equipment, including cameras, lighting, sound and wiring, is taught. Program development in the district's network is explored, with emphasis on teamwork among students.
- 20033111 **TELEVISION ARTS AND SCIENCES 1**
(10-12) 5 CR. PREREQUISITE: INTRODUCTION TO TELEVISION ARTS AND SCIENCES.
This course is the second level of a sequenced program designed to prepare students for broadcasting. Students get hands-on experience in the operation of television equipment, including cameras, lighting, sound and wiring. Programming for the school district's public access channel is developed in the class.
- 20033121 **TELEVISION ARTS AND SCIENCES 2**
(11-12) 5 CR. PREREQUISITE: TELEVISION ARTS AND SCIENCES 1.
This course is the third level of a sequenced program designed to prepare students for broadcasting. Students continue to work on programming for the school district's public access channel. Advanced techniques and skills in editing and production are explored.
- 20033131 **TELEVISION ARTS AND SCIENCES 3**
(12) 5 CR. PREREQUISITE: TELEVISION ARTS AND SCIENCES 2.
This course is final level of the program that prepares students for broadcasting. Students work on the operation of television equipment, including cameras, lighting, sound and wiring in conjunction with students in TELEVISION ARTS AND SCIENCES 2. In addition, programming for the school district's public access channel is prepared for broadcast.
- 2003312L **TELEVISION ARTS AND SCIENCES LAB**
(11-12) 5 CR. PREREQUISITE: ENROLLED IN TELEVISION ARTS AND SCIENCES 2 or 3 and RECOMMENDATION.
This course is offered to students enrolled in TELEVISION ARTS AND SCIENCES 2 or 3. The lab occurs in the television studio while other classes are being held and enables students to work independently or collaboratively with the class on advanced productions.
- 20033211 **DRAMATIC ARTS 1**
(9-12) 5 CR. PREREQUISITE: NONE.
DRAMATIC ARTS, an elective that meets a requirement for fine/performing arts, is a study of theatre techniques, including stage production, voice projection, make up, and performance. A demonstration of proficiency in stagecraft, knowledge of the history and culture of drama, and an ability to enact scenes is required.



Fine Arts



20033221 **DRAMATIC ARTS 2**
(10-12) 5 CR. PREREQUISITE: DRAMA 1.
DRAMATIC ARTS, 2 is a continuation of
DRAMATIC ARTS 1, deepening the study of
theatre techniques, stage production, voice
projection, and performance. Students are
expected to perform at higher levels and
with a better understanding of all aspects of
dramatic production.

20033311 **STAGECRAFT 1**
(9-12) 2.5 CR.
Stagecraft incorporates scenery and
properties to be designed and built and
lighting and sound to be designed and
implemented and then all executed in a live
performance. Stagecraft combines the fields
of visual arts, performance, technology,
vocational training, industrial arts, design,
business management, architecture,
drafting, culture, history and theatre.

20033321 **STAGECRAFT 2**
(9-12) 2.5 CR.
STAGECRAFT 2 continues to introduce
students to the technical aspects of
mounting a stage production.

20033411 **THEATRE PRODUCTION 1**
(9-12) 2.5 CR.
This course introduces the students to
the theatrical process, from inception to
completion teaches the importance of the
interconnectedness of individuals who
strive for a common goal and the kind
of responsibilities they must maintain.
Responsibilities necessary to the arts
such as self-discipline, collaboration, and
perseverance transfer to the rest of life.

20033421 **THEATRE PRODUCTION 2**
(9-12) 2.5 CR.
THEATRE PRODUCTION 2 continues to
introduce students to further concepts in the
theatrical production process.

20033511 **FILM STUDIES 1**
(9-12) 2.5 CR.
This course introduces students to the
critical study of film. Students will be
responsible for learning vocabulary, editing,
cinematography, sound, special effects
and acting. The goal of the course is to
introduce and develop an awareness of the
construction of movies and the role cinema
plays in relating individuals to the values
and assumptions of their community and
their culture.

20033521 **FILM STUDIES 2**
(9-12) 2.5 CR.
FILM STUDIES 2 introduces students to
further elements of the critical study of film.

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Drama & TV*

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Integrated Technology



Integrated Technology

Department Supervisor: Joanne Decker
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The Integrated Technology Department includes courses in Business Technology; Family and Consumer Sciences; Technology Education; Industrial Arts; and the BHS School-To-Career Program. All of the courses in the Integrated Technology Department can be selected by students as electives that allow achievement of proficiencies as outlined in NJCCCS. Integrated Technology classes meet the practical art graduation requirement. In addition, the Personal Finance and Independent Living courses meet the NJDOE graduation requirement for 2.5 credits in financial literacy. Some classes may also meet additional graduation requirements established by the NJDOE in fine arts. A primary goal of these classes is to reinforce necessary pathways for entering the world of work in the 21st century.

BUSINESS TECHNOLOGY

The Business Technology Department provides a unique blend of innovative courses that integrate technology with traditional business theory. These courses give students the opportunity to delve into the many topics in the world of business and technology. All courses are designed to provide an experience that prepares the student with technical proficiency and a sound knowledge foundation in business technology. In addition to the focus on providing this foundation, many advanced offerings are available for students who are interested in pursuing business careers or need advanced computer expertise. There are two distinct programs of business technology that are a part of the NJDOE Career & Technical Education programming.** These two programs focus on preparation for specific careers and are aligned with NJCCS 9.4. The first is for a career in Administration and Information Support; the second is for a careers in Financial Management and Research.

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Business*

20010411 **PERSONAL FINANCE**
(9-12) 2.5 CR. SEMESTER COURSE.
This course provides students with an opportunity to learn about management of their money. The topics of this course will develop a student understanding about how the economy works and their own role in the economy. They will also develop the necessary skills to effectively manage personal finances by the time they graduate. This course fulfills the Financial, Economic, Business, and Entrepreneurial Literacy requirement for graduation.

20011311 **BUSINESS FINANCE IN THE 21ST CENTURY**
(9-12) 2.5 CR. SEMESTER COURSE.
BUSINESS FINANCE IN THE 21ST CENTURY is a unique and innovative course designed to provide students with the understanding of how business impacts and is influenced by a global economy in the 21st century. Emphasis is placed on the areas of the economy, business organization, human resources, marketing, finance, accounting, and the impact of technology on all of these areas.

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20010513 **COLLEGE PREP ACCOUNTING**
(11-12) 5 CR. PREREQUISITE: ALGEBRA 1.
This is a rigorous course in accounting where students learn to recognize financial events and analyze their results. Students will develop a business vocabulary; learn current accounting principles, practices and procedures; and apply the knowledge to record, communicate and evaluate financial information.

20010611 **ENTREPRENEURSHIP**
(9-12) 5 CR.
This course provides students with an opportunity to study the process of starting a business. Emphasis is placed on topics such as risk-taking, money investment and resource analysis. Student-centered activities include creation of a business plan, review of the Wall Street Journal and stock market analysis. This course fulfills the Financial, Economic, Business, and Entrepreneurial Literacy requirement for graduation.

20011111 **MARKETING AND MEDIA STRATEGIES FOR BUSINESS**
(9-12) 2.5 CR. SEMESTER COURSE.
This course is an introduction to social media and the use of it in marketing. It will explore implications, opportunities, and challenges for the business profession and the ways social media have had an impact on various aspects of business. Students will examine ways businesses use social media to leverage and brand themselves, as well as the damage that social media can do.

20011211 **SPORTS MARKETING**
(9-12) 2.5 CR. SEMESTER COURSE.
Sports industry is a major component in the field of business and marketing. The industry is all around us—not just at ballparks and theaters, but also at schools, on television, radio, in stores, and on the internet. This course will emphasize the importance of the industry and the role it plays in our society. Students will explore both the sports industry and entertainment industry, focusing on real world business.

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*** CAREER PATHWAY COURSE SELECTIONS FOR NJDOE CTE PROGRAMS IN BUSINESS

Administrative Assistant & Secretarial Service career preparation

- Grade 9: Personal Finance 2.5 credits and
Business Finance in the 21st Century 2.5 credits
- Grade 10: Entrepreneurship 5 credits
- Grade 11: Advanced Computer Applications 1 2.5 credits and
Advanced Computer Applications 2 2.5 credits
VHS COURSES: Entrepreneurship II Starting Your Own Business 5 credits or
STC Internship Program 5 credits or more
- Grade 12: STC Cooperative Business Education Program 15 credits or
Entrepreneurship 5 credits

Accounting Technology/Technical and Bookkeeper career preparation

- Grade 9: Personal Finance 2.5 credits and
Business Finance in the 21st Century 2.5 credits
- Grade 10: Entrepreneurship 5 credits or
VHS COURSES: Intro to Economics/
IB Business and Management
- Grade 11: Accounting CP 5 credits or
VHS COURSES: Intro to Economics/
IB Business and Management or
STC Internship Program 2.5-10 credit option
- Grade 12: Accounting CP 5 credits or
STC Internship Program 2.5-15 credits or
STC Cooperative Business Education Program 15 credits

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BHS SCHOOL-TO-CAREER PROGRAM

The BHS School-To-Career Program is offered to juniors and seniors interested in focusing on the career field they are considering pursuing after high school. The STC Program provides the opportunity for juniors and seniors to participate in an UNPAID INTERNSHIP PROGRAM that will help them gain a perspective on various careers. Student schedules are modified depending upon the internship option that is selected. These internships are unpaid Structured Learning Experiences and provide teacher support in group meetings at the high school along with on-site mentoring by employers. Seniors may participate in the COOPERATIVE EDUCATION PROGRAMS that offer classes in Career Education taken at the high school along with real world work experience at an approved job site in the community. Students are employed in a paid position and must complete a learning plan of work hours to receive credit.

BHS SCHOOL-TO-CAREER INTERNSHIP PROGRAMS

200109X1 **11th GRADE UNPAID STRUCTURED LEARNING EXPERIENCE**

(11) CREDITS VARY WITH EACH PROGRAM;
PREREQUISITE: RECOMMENDATION; MUST BE 16 YEARS OLD ; CP, HONORS OR AP STUDENT.

The 11th Grade STC Unpaid Internship allows students to intern in a variety of settings that include local hospitals, doctor's offices, lawyer's offices, the prosecutor's office and local businesses. Scheduling depends upon the program option selected. The following options can be chosen: Full Time Option-20010931 (every day for period 6 & 7); Partial Day Option-20010921 (4 days a week/ 1 period a day) or After School Option-20010911 (1-5 days a week/ 3 to 5 pm). Credits are prorated with hours at the mentor site.

200110X1 **12th GRADE UNPAID STRUCTURED LEARNING EXPERIENCE**

(12) CREDITS VARY WITH EACH PROGRAM;
PREREQUISITE: RECOMMENDATION; MUST BE 16 YEARS OLD; MUST HAVE 100 CREDITS TOWARD GRADUATION.

The 12th grade STC Unpaid Internship allows students to intern in a variety of workplace settings. The intern sites include local hospitals, doctor's offices, lawyer's offices, travel agencies and local businesses. Scheduling is flexible and depends upon the internship site selected. 20011011 - After school. 20011021 - Partial Day. 20011031 - Full Time.



Integrated Technology



BHS SCHOOL-TO-CAREER COOPERATIVE EDUCATION PROGRAMS

20010721 **COOPERATIVE BUSINESS EDUCATION (CBE)****
(12) 15 CR. PREREQUISITE: 100 CREDITS AND RECOMMENDATION.
CBE is a work experience program that includes a class and employment in clerical, secretarial, banking, marketing, retail, real estate or management fields within the community. Job sites work cooperatively with students and teachers to provide a meaningful paid work experience. Computer skills, a positive attitude and exemplary attendance are assets to acquire a required position.

20010821 **COOPERATIVE HEALTH OCCUPATIONS EDUCATION (CHOE)**
(12) 15 CR. PREREQUISITE: 100 CREDITS AND RECOMMENDATION.
CHOE is a work experience program inclusive of a class and daily employment in the health care field. The work component may be in a relevant position such as dental assisting, medical records, nursing, physical therapy and lab technician.

20091121 **COOPERATIVE HOME ECONOMICS EDUCATION (CHE)**
(12) 15 CR. PREREQUISITE: 100 CREDITS AND RECOMMENDATION.
CHE is a work experience program inclusive of a class and daily employment. The work component may be in areas of employment that include childhood education, interior design, floral design, fashion, food preparation and restaurant management.

20080721 **COOPERATIVE TECHNOLOGY EDUCATION (CTE)**
(12) 15 CR. PREREQUISITE: 100 CREDITS AND RECOMMENDATION.
CTE is a work experience program inclusive of a class and daily employment in a technical career area. Work options include graphics/design, electronics, computer technology, automotive, carpentry, building trades, air conditioning and refrigeration. Employers work cooperatively with students and teachers to provide a meaningful paid work experience.

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Integrated Technology



FAMILY AND CONSUMER SCIENCES DEPARTMENT

The course offerings in Family and Consumer Sciences combine aspects of consumer science, nutrition, cooking, parenting and human development, interior design, textiles, family economics, housing, apparel design and resource management as well as other related subjects. The focus of classes in this department is on life skills as defined by the NJCCS.

20090111 **FASHION SEWING 1**
(9-12) 5 CR.

This course offers an excellent opportunity to learn the basic skills of clothing construction by completing specific requirements. Individual talents can be shown through design and completion of that design through analysis of fabric, pattern and construction techniques.

20090211 **FASHION DESIGN**
(9-12) 2.5 CR. SEMESTER COURSE.

This course introduces students to the world of fashion with a focus on the design of clothing. Selection of textiles, the history of fashion, technology, innovations, terminology, garment styles and popular apparel fabrics are analyzed and discussed.

20090121 **FASHION SEWING 2**
(10-12) 5 CR. PREREQUISITE: FASHION SEWING 1.

This course is designed to further construction knowledge and skills. Students are required to construct a garment; incorporate the use of zippers, including a lapped zipper; construct collars, including a shawl collar and demonstrate the effective use and care of tools and machines in the class.

20090311 **FASHION MERCHANDISING**
(9-12) 2.5 CR. SEMESTER COURSE.

This course focuses on the world of fashion and the marketing, placement and develops understanding and practical skills related to the buying and selling of fashion merchandise. Possible career options include positions in management, merchandising, fashion promotion and sales, visual presentation and other areas related to the field.

20090131 **FASHION SEWING 3**
(11-12) 5 CR. PREREQUISITE: FASHION SEWING 2.

This course is designed to provide students a venue for exploration of their artistic and fashion creativity. Students will be expected to complete a minimum of four projects of their choice.

20090401 **INTRO TO FOODS** (foods lab class)
(9-12) 2.5 CR.

This semester course is an overview of the basic skills of cooking and includes preparation techniques for all food groups. Safe use of a wide variety of tools and equipment is emphasized. The curriculum includes safety, nutrition, and exploration of career options in the field.

20090141 **FASHION SEWING 4**
(12) 5 CR. PREREQUISITE: FASHION SEWING 3.

This course requires the use of a combination of patterns to design, fashion and construct a garment. Students are required to identify fibers, fabrics and finishes and garment styles. Their work with sketches, paint, paper and color to illustrate fashion concepts is a foundation for portfolio development.

20090411 **FOODS** (foods lab class)
(9-12) 5 CR.

This course is a more in-depth overview of the basic skills of cooking and includes preparation techniques for all food groups. Safe use of a wide variety of tools and equipment is emphasized. The curriculum includes safety, nutrition, and exploration of career options in the field.



Integrated Technology



20090421 **ADVANCED FOODS** (foods lab class)
(10-12) 5 CR. PREREQUISITE: INTRO TO
FOODS or FOODS.
This course explores advanced cooking
techniques. The students work on large
group projects as well as individually. Career
options are explored. Lifelong habits in food
choices are examined as well as food as a
psychological aspect of a person's being. This
class undertakes projects that are theme-
based and relate to events in everyday life.

20090511 **CULTURAL CUISINE: THE AMERICAS** (non-
lab class)
(9-12) 2.5 CR. SEMESTER COURSE.
This course explores the relationship of
foods to the people, history, geography,
customs and culture of the various regions
of North, South, Central America and the
nearby Caribbean Islands. Students will
learn through demonstration and hands-
on experiences how the local food habits,
cuisine and traditions have evolved. While
this is a non-foods lab class, the curriculum
provides for a number of ways for students
to prepare cuisine in a setting that
incorporates kitchen amenities.

20090521 **CULTURAL CUISINE: INTERNATIONAL**
(non-lab class)
(9-12) 2.5 CR. SEMESTER COURSE.
This course explores the relationship of
foods to the people, history, geography,
customs and culture of the various regions
of Europe, Asia, Pacific Rim and Africa.
Students will learn through demonstration
and hands-on experiences how the local
food habits, cuisine and traditions have
evolved. While this is a non-foods lab class,
the curriculum provides for a number of
ways for students to prepare cuisine in a
setting that incorporates kitchen amenities.

20090611 **INTERIOR DESIGN 1**
(9-12) 5 CR.
This course introduces students to the basics
of housing and interior design. Design
principles are applied to kitchen planning,
room arrangements, furnishings and
accessories. Students learn to decorate a
home that reflects their own personality and
skills.

20090621, 20090631, 20090641 **ADVANCED
INTERIOR DESIGN LEVELS 2-4**
(10-12) 5 CR. PREREQUISITE: INTERIOR
DESIGN 1.
These courses, taught concurrently, are
offered for the students to further develop
their skills in design and decorating.
These courses continue the development
of student portfolios with emphasis on
construction design, room décor, window
treatments, lighting, flooring and color
schemes. Economic analysis for design
implementation is researched. Students are
expected to complete projects that include
wiring, window treatments and lighting. The
final project is a vacation home.

20090711 **MARRIAGE AND FAMILY**
(9-12) 2.5 CR. SEMESTER COURSE.
This class examines the structure and
purpose of today's marriages. Adjustments
through stages of married life are identified;
growth is examined as relationships change;
compromise negotiations are explored and
skills for commitment are identified. The
class also examines family structure. The
'changing family' is identified from early
America through the present. Students
develop a self-assessment to project an
individual influence on the direction,
interaction, skills and liabilities inherent to
family life.



Integrated Technology



20090811 **INDEPENDENT LIVING****
(11-12) 2.5 CR. SEMESTER CLASS.
This course is designed to prepare students to be successful, active and productive members of the community whether they choose single, married or family life. Students will be introduced to basic living skills and explore practical applications of interpersonal skills and decision making; home and personal finances; personal living spaces; food for living; savvy consumerism and clothing care and maintenance.

20090911 **CHILD DEVELOPMENT—FRESHMEN ONLY**
(9) 5 CR.
This course is the first year of the EXPLORING CHILDHOOD program sequence. It is available for 9th grade students who are interested in careers working with children. Topics include pregnancy, childbirth and child development through the toddler years. Tools such as the Baby-Think-It-Over simulator and the Empathy Belly are utilized.

20091011, 20091021, 20091031, 20091041
EXPLORING CHILDHOOD LEVELS 1-4
(10-12) 5 CR. PREREQUISITE:
RECOMMENDATION (LEVEL 1), CHILD DEVELOPMENT or EXPLORING CHILDHOOD 1 (LEVELS 2, 3 AND 4)
This course provides the student the opportunity to work with preschoolers in a classroom setting. The course examines behavioral situations typical of early childhood. Students assess the developmental progress of a child in the preschool and plan appropriate lessons. This class offers hands-on learning experiences in supervised situations. In Levels 2, 3, and 4 students are expected to evaluate parenting literature, identify technology for preschool programs, research selected topics and create lesson plans.

*Int. Tech -
Family &
Consumer Sciences*

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Integrated Technology



INDUSTRIAL ARTS DEPARTMENT

The course offerings in Industrial Arts offer students exposure to the basics of construction, manual craftsmanship, and machine safety. These classes feature fabrication of objects in wood and/or metal using a variety of hand, power, or machine tools. The goal of classes in this department is to have students develop lifelong skills and create products through the application and appropriate use of technological resources.

20080111, 20080121, 20080131, 20080141

WOODWORKING LEVELS 1-4

(9-12) 5 CR.

All levels of this course offers hands-on experience with woodworking. Planning, design, cost projection and finishing are steps to complete projects. Students are expected to exhibit safe and proper use of woodworking tools to create a useful wood project. The Level 1 curriculum provides basics in woodworking and the advanced levels provide the opportunity to work on more involved projects.

20080211, 20080221, 02080231, 20080241

CONSTRUCTION TECHNOLOGY LEVELS 1-4

(9-12) 5 CR.

All levels of this course investigate the technology that is utilized to design and build infrastructure such as buildings, highways, bridges and airports. Blueprint reading, interior design, aesthetic appreciation, environmental impact, building codes, universal design and materials fabrication are elements for review. Level 1 provides basics, and the advanced levels provide the opportunity to work on more involved projects.

TECHNOLOGY EDUCATION DEPARTMENT

The goal of the course offerings in the Technology Education Department is to ensure that all students will develop an understanding of the nature and impact of technology, engineering, technological design, and the designed world, as they relate to the individual, global society, and the environment. The courses in the department are active in many national co-curricular activities such as Technology Student Association (TSA) and in FIRST Robotics.

20080411 **GRAPHICS AND WEB PAGE DESIGN**

(9-12) 5 CR.

This course is based on applied technology. Students will learn traditional design production techniques and use electronic means to solve assignments. The Adobe Creative Suite design software is used in this class. Aesthetic awareness applied to graphic design is a focus of the class in addition to computer proficiency.

20080511 **DIGITAL PHOTOGRAPHY**

(10-12) 5 CR.

This course explores digital camera technologies and teaches students a working knowledge of composition, lighting, and printing black and white and color photographs. Research in advertising and photography is expected. The Adobe Creative Suite image editing software 'Photoshop' is used. Cameras are supplied to all students for projects.

*Int. Tech -
Industrial Arts &
Technology Ed.*

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Integrated Technology



20080611 **ROBOTICS LEVEL 1**

(9-12) 5 CR.

The course objective is to design and implement basic electronics to create simple robots that function upon command. The problem-solving model is a basis for construction challenges using lego parts. Specific software is utilized for programming the designs. Robots are created as prototypes for more elaborate design and function.

20080331 **DRAFTING/ARCHITECTURAL DESIGN/CAD 3**

(11-12) 5 CR. PREREQUISITE: DRAFTING/ARCHITECTURAL DESIGN/CAD 2.

This course is the third level in the architectural drafting sequence. This level offers increasingly professional development and mastery of the computer in drafting and design. This class is taught concurrently with the other levels to ensure group oriented projects and shared work.

20080621, 20080631, 20080641 **ADVANCED ROBOTICS LEVELS 2-4**

(10-12) 5 CR. PREREQUISITE: ROBOTICS/ADVANCED ROBOTICS.

The advanced level of the Robotics course offers extended opportunities in design, creation and implementation of activated robotic tools. Projects may be independent or group oriented. Different software applications for programming robots are explored.

20080341 **DRAFTING/ARCHITECTURAL DESIGN/CAD 4**

(12) 5 CR. PREREQUISITE: DRAFTING/ARCHITECTURAL DESIGN/CAD 3.

This course is the final level in the architectural drafting sequence. Students are expected to be project leaders and apply the skill set acquired in the previous levels in developing major projects. Students will develop portfolio projects for continued study in engineering and design. This class is taught concurrently with the other levels to ensure group oriented projects and shared work.

20080311 **DRAFTING/ARCHITECTURAL DESIGN/CAD 1**

(9-12) 5 CR.

This course is the first in a four-year sequence that takes the students through the process of design, drawing, drafting and modeling of architectural structures. In this introductory class students will complete a series of drawings following technical drafting formats. This level serves to introduce students to computer-aided drafting software. In addition, the basics of architecture are explored.

20080814, 20080824 **CYBERSECURITY 1 & 2 HONORS**

(12) 2.5 CR. EACH. (Total of 5 CR.)

PREREQUISITE: TECHNOLOGY COURSE SUCH AS PROGRAMMING OR ROBOTICS OR MARKETING COURSE.

This honors level elective is taught at Bloomfield College. Students enrolling in this course must also enroll in Cybersecurity 2 in the second semester. Semester one introduces students to topics in Cybersecurity, including Cyber-Ethics, Cyber-Safety, and Cyber-Security. Semester two is project-based, focusing on designing educational programs and activities for K-12 students, in collaboration with Bloomfield College students. Students will be able to take both Cybersecurity and Psychology at Bloomfield College, which run on different days, if desired. Both courses will be scheduled during period 7.

20080321 **DRAFTING/ARCHITECTURAL DESIGN/CAD 2**

(10-12) 5 CR. PREREQUISITE: DRAFTING/ARCHITECTURAL DESIGN/CAD 1.

This course is the second in the sequence that takes the students through the process of design, drawing, drafting and modeling of architectural structures. This level offers further exploration of the techniques in creating plans for infrastructure and general building constructions.



Mathematics

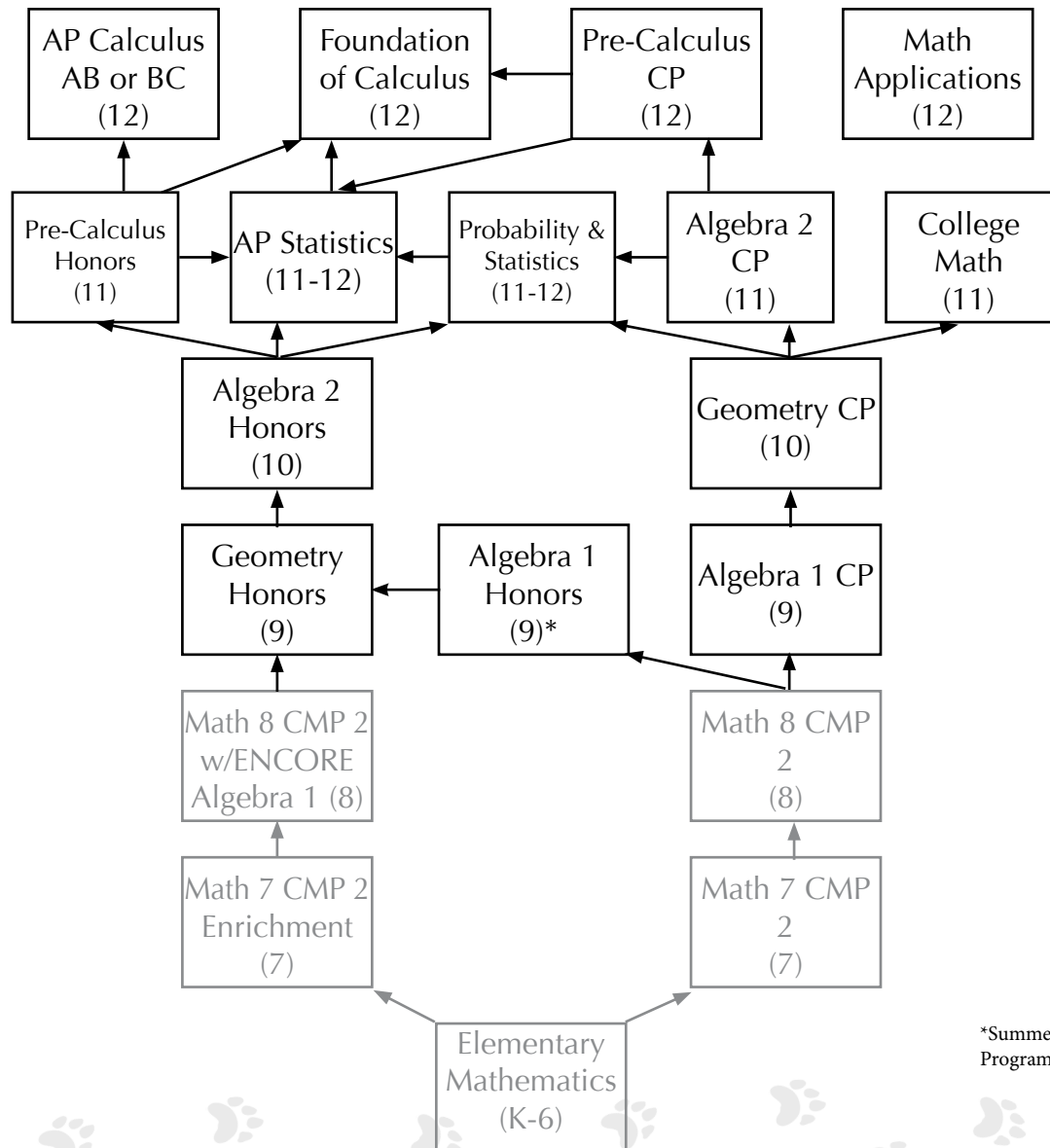


Mathematics

Department Supervisor: Roger Marchegiano
 rmarcchegiano@bloomfield.k12.nj.us; x4273

The mathematics program at Bloomfield High School has been designed to meet the requirements of the New Jersey Common Core Curriculum Content Standards. It is our objective to teach the skills and concepts for problem solving as well as fostering the logical thought process for analyzing complex everyday problems. A variety of college preparatory courses are offered at different levels including honors and AP. Although the material covered in each level is similar, the differences occur with respect to the pace and depth of the subject matter. Electives are also available, particularly in computer programming, for all levels.

Bloomfield Public Schools Mathematics K-12 Program/Course Sequence



*Summer Jumpstart Program students only



Mathematics



20040911 **MATH APPLICATIONS**
(12) 5 CR. PREREQUISITE: 2 YEARS OF MATHEMATICS.
Math Apps 12 is a final course in mathematics for graduating seniors who have not successfully completed three required years for graduation. The course is designed to develop problem solving skills through the application of fundamental algebraic and geometric concepts via group projects.

20040113 **ALGEBRA 1 CP**
(9-12) 5 CR. PREREQUISITE: COUNSELOR REVIEW.
This Course is a development of elementary algebra that emphasizes conceptual understanding while building fundamental skills. Algebra is approached as an extension of arithmetic. Students will be expected to understand problem solving, linear equations, inequalities in one variable, and word problems. Algebra 1 is a gatekeeper course which all students must pass to advance.

20040114 **ALGEBRA 1 HONORS**
(9-12) 5 CR. PREREQUISITE: JUMPSTART PROGRAM.
ALGEBRA 1 HONORS is available to students who complete the Jumpstart program in the summer prior to 9th grade. Algebra 1 content is presented with greater depth and rigor.

20040314 **GEOMETRY HONORS**
(9) 5 CR. PREREQUISITE: CMP 2 WITH ENCORE ALGEBRA 1.
This course is designed for 9th grade students in an accelerated program, as a course in plane geometry with some aspects of solid geometry. The deductive method is instilled, and original thinking is encouraged. Coordinate methods of proof relate geometry and algebra.

20040313 **GEOMETRY CP**
(9-12) 5 CR. PREREQUISITE: ALGEBRA 1.
This is a course in plane geometry, with some aspects of solid geometry included. The nature of deductive proof is emphasized; logical reasoning is applied. The course includes the interpretation and drawing of two and three dimensional objects, understanding and applying basic concepts of lines, planes, and space.

20040123 **ALGEBRA 2 CP**
(10-12) 5 CR. PREREQUISITE: ALGEBRA 1, GEOMETRY.
Algebra 2 provides a review, refinement and extension of the skills learned in Algebra 1. The structure of real and complex number systems, the concepts and skills for coordinate geometry, such as midpoint, distance and slope, are included topics for analysis, application, and review.

20041612 **COLLEGE ALGEBRA**
(11) 5 CR. PREREQUISITE: GEOMETRY.
An intensive course designed to prepare students for future mathematics courses such as PreCalculus. It covers selected algebra topics including exponents, rational expressions, polynomials, radicals, equations and inequalities, relations and functions, quadratic functions, systems of equations, and an introduction to exponential and logarithmic functions.

20040124 **ALGEBRA 2 HONORS**
(10) 5 CR. PREREQUISITE: GEOMETRY HONORS.
Algebra 2 Honors is designed for 10th graders who have been in an accelerated program. Intermediate algebra, coordinate geometry, and introductory trigonometry are covered in this course. Topics include operating with polynomial and rational expressions, exponents and radicals, complex numbers, functions.



Mathematics



20040413 **PRE-CALCULUS CP**

(11) 5 CR. PREREQUISITE: ALGEBRA 2 CP. This course includes trigonometry, advanced algebra, analytic geometry. Topics include the structure of number systems, properties of polynomial, exponential and logarithmic functions, curve sketching, matrices and vectors, polar and parametric equations, induction, limit, probability and derivatives.

20040414 **PRE-CALCULUS HONORS**

(11) 5 CR. PREREQUISITE: ALGEBRA 2 CP. Pre-calculus honors includes trigonometry, advanced algebra, and analytic geometry. This course is designed to prepare qualified students for the study of calculus, either foundations or Advanced Placement. The curriculum follows Pre-calculus CP, but extends assignments for problem solving and analysis.

20040514 **FOUNDATIONS OF CALCULUS HONORS**

(12) 5 CR. PREREQUISITE: PRE-CALCULUS. This course is a fourth year course in an accelerated college preparatory sequence. Topics include relations and functions; exponential functions, logarithmic functions, analytic geometry, series, sequences, limits, polynomials, derivatives. The course is equivalent to a first semester college calculus course.

20040515 **AP CALCULUS AB**

(12) 5 CR. PREREQUISITE: PRE-CALCULUS. AP Calculus AB is a college level course in differential and integral calculus. Students have the option of taking the Advanced Placement Exam (AB level). Topics include analytic geometry, limit, derivative, continuity, integrals, and operations.

20040525 **AP CALCULUS BC**

(12) 5 CR. PREREQUISITE: PRE-CALCULUS. AP Calculus BC is a college level course in differential and integral calculus. Students have the option of taking the Advanced Placement Exam (BC level). It includes all topics taught in Calculus AB plus additional topics, but both courses are intended to be challenging and demanding; they require a similar depth of understanding of common topics, including Function/Graphs/Limits, Derivates, and Integrals.

20040613 **STATISTICS AND PROBABILITY**

(11) 5CR. PREREQUISITE: ALGEBRA 2. This course will introduce students to the essential concepts encountered in real-life applications of statistics and probability through a discovery-based approach. Working with real data, students will develop the statistical literacy essential for engagement in participatory citizenship and professional awareness.

20040711 **COMPUTER GAME PROGRAMMING**

(9-12) 2.5 CR. PREREQUISITE: None. This half year elective introduces students to the exciting discipline of computer programming through the development of video games. From the first day of class, students are building multimedia video games while learning fundamental programming concepts. Students will build classic video games (Missile Command, Robotron, PacMan) as well as develop their own original games.



Mathematics



20040721 **INTRODUCTION TO JAVA PROGRAMMING**

(9-12) 2.5 CR. PREREQUISITE: COMPUTER GAME PROGRAMMING OR EQUIVALENT. This half year elective introduces students to the discipline of computer science through the JAVA programming language. In this project based class, students learn the basic principles of developing computer software: variables, objects, conditional statements, looping structures, arrays, methods, and OOP. While this course is most beneficial for students with strong interest in STEM, it promotes critical problem solving strategies that are valuable across many disciplines. Underclassmen interested in taking AP COMPUTER SCIENCE in the future, should consider enrolling in this course. Open to 9th, 10th, 11th, and 12th graders. No prerequisites.

20040731 **INTERMEDIATE BASIC CP**

(10-12) 5 CR. PREREQUISITE: INTRO. TO COMP. SCI. Intermediate basic programming is the second course in the programming sequence. It permits students to extend their application of computer language and development of programs to another level; problem-solving, knowledge of hardware and software application is refined with group and individual work.

20040615 **AP STATISTICS**

(11-12) 5 CR. PREREQUISITE: PRE-CALCULUS. AP Statistics will introduce the student to major concepts and tools for collecting, analyzing, and drawing conclusions from data. Students are exposed to four broad conceptual themes: exploring data, sampling and experimentation, anticipating patterns, and statistical inference. Students will prepare for the AP exam.

20040815 **AP COMPUTER SCIENCE**

(11-12) 5 CR. PREREQUISITE: INTERMEDIATE BASIC OR TEACHER APPROVAL. AP Computer Science is the third course in the programming curriculum. Students have the option of taking the AP Computer Science exam. Topics include: control structure, object/name relationships, and method development. The course is a rigorous, challenging, hands on programming course that encourages problem solving.

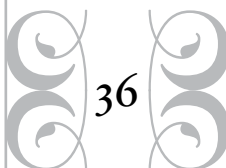
20041711 **ACCUPLACER PORTFOLIO MATH Fall**

(12) 2.5 CR. PREREQUISITE: INCOMPLETE PROFICIENCY FOR STATE TESTING REQUIREMENT IN MATH. ACCUPLACER PORTFOLIO MATH is a remedial course for students whose math score(s) are below minimum proficiencies for all state graduation assessments. Students are required to demonstrate proficiency by either a passing score on the Accuplacer Write Placer exam or by the NJ State Portfolio process. A student who fails the fall administration of exams is rescheduled for ACCUPLACER PORTOLIO MATH Spring.

Math

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Mathematics



- 20200111 **APPLIED ALGEBRA**
(9) 5 CR. PREREQUISITE: COUNSELOR REVIEW.
Students will cover Algebraic topics that include equations and functions, rational numbers, solving linear equations, proportional reasoning, graphing relations and functions, analyzing linear equations and solving linear inequalities.
- 20200211 **APPLIED GEOMETRY**
(10) 5 CR. PREREQUISITE: APPLIED ALGEBRA.
The Geometry topics covered will include deductive proof, logical reasoning, the interpretation and drawing of 2 and 3 dimensional objects, and understanding and applying basic concepts of lines, planes, and space.
- 20200611 **APPLIED COLLEGE ALGEBRA**
(11) 5 CR. PREREQUISITE: APPLIED ALGEBRA AND APPLIED GEOMETRY.

Math

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Physical Education & Health



Physical Education, Health and Driver Education

Department Supervisor: Steve Jenkins
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Physical Education is mandated for every year a student attends high school. It is taught for three marking periods during the school year, and 3.75 credits. One marking period, 1.25 credits, is dedicated to Health (grades 9, 10, 12) or Drivers' Education (grade 10).

20050111, 20050121, 20050131, 20050141

PHYSICAL EDUCATION

3.75 CR.

Physical Education provides the development of physical skills, coordination, physical fitness, social and emotional growth, and a basic knowledge of the rules of many activities and sports. Students are engaged in 4-5 week units.

20050241 **HEALTH 12**

(12) 1.25 CR.

Health 12 is designed to acquaint students with the full scope of family living, enriching the individual student's awareness and definition of his/her skills as an individual, a family member and a future parent.

20050211 **HEALTH 9**

(9) 1.25 CR.

Health provides information on anatomy, reproduction, methods of contraception, sexually transmitted diseases, interpersonal relationships and responsible behavior.

20050321 **DRIVERS' EDUCATION**

(10) 1.25 CR.

Drivers' Education is a course designated to prepare the student for the responsibility of driving. The NJ license requirements as determined through the motor vehicle manual are the basis for the curriculum. The NJ state test is administered to all classes to certify student eligibility for a permit to operate a motor vehicle.

20050231 **HEALTH 11**

(11) 1.25 CR.

Health 11 is a study of the history and nature of diseases and the progress that has been made in overcoming and coping with them.

PE & Health

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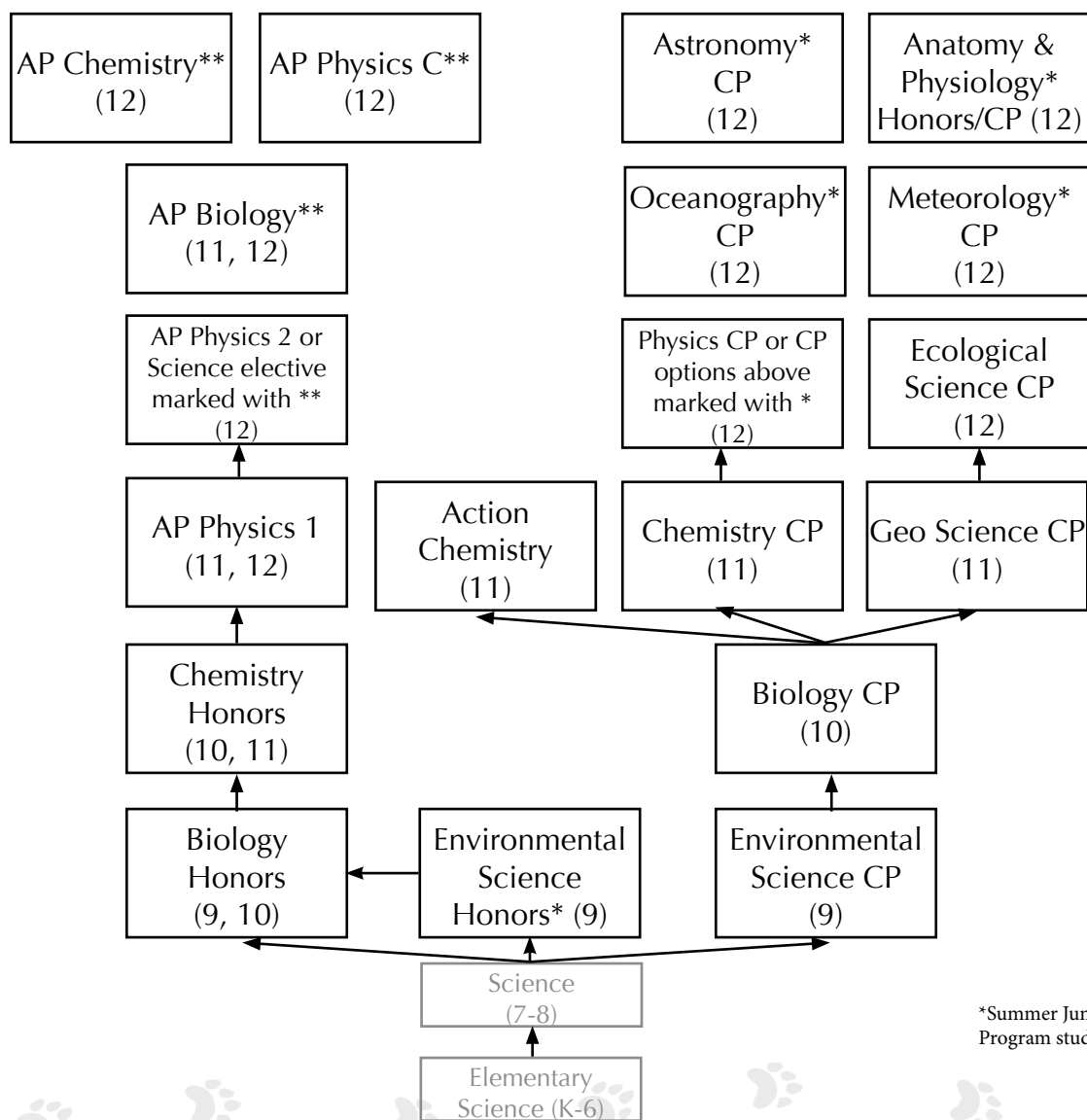
Science

Department Supervisor: Elizabeth Petrangeli
epetrangeli@bloomfield.k12.nj.us; x4581

The Science Department offers a comprehensive science program that focuses on physical, life and geologic areas of science. All students are required to complete 3 years of science but are encouraged to take 4 years of science.

The teachers of the science department are dedicated to developing each student's knowledge of science that allows each student to make good decisions and solve problems based on scientific concepts.

Bloomfield Public Schools Science K-12 Program/Course Sequence



*Summer Jumpstart Program students only



20060113 **ENVIRONMENTAL SCIENCE L/CP**
(9) 5 CR. PREREQUISITE: NONE.
Environmental science is a multidisciplinary field that draws from all other sciences, including: chemistry, biology, ecology, geography and the Earth sciences, to help achieve practical goals. Such goals include conservation and protection of natural resources, environmental education and communication and environmental research. Environmental science helps us to understand the connection between humans and the world in which we live. It allows us to identify and analyze environmental problems both natural and human-made, investigate threats associated with these problems, and explore strategies resolving and/or preventing these problems from occurring. Laboratory work is an integral part of this course.

20060114 **ENVIRONMENTAL SCIENCE HONORS**
(9) 5 CR. PREREQUISITE: JUMPSTART PROGRAM.
ENVIRONMENTAL SCIENCE HONORS is available to students who complete the Jumpstart program in the summer prior to 9th grade. Environmental Science content is presented with greater depth and rigor.

20060214 **BIOLOGY L/HONORS**
(9) 5 CR. PREREQUISITE: 8TH GRADE ALGEBRA.
Biology L/Honors is designed for accelerated freshmen. The course includes topics in molecular biology, cellular biology, genetics, taxonomy, human systems, and ecology. Laboratory work is an integral part of this course.

20060213 **BIOLOGY L/CP**
(9-10) 5 CR. PREREQUISITE: ENVIRONMENTAL SCIENCE L/CP.
BIOLOGY CP includes an investigation of topics in biology, with laboratory enrichment including, but not limited to molecular biology, cellular biology, genetics, taxonomy, human systems and ecology. Laboratory work is an integral part of this course.

20060225 **AP BIOLOGY**
(11, 12) 7 CR. PREREQUISITE: BIO HONORS OR CP, CHEM HONORS OR CP.
AP BIOLOGY is for students with a strong interest in biology and who may be considering majoring in the biological sciences. Areas emphasized include cell biology, molecular biology and biotechnology. Students are expected to take the AP BIOLOGY exam.

20060713 **METEOROLOGY L/CP**
(12) 5 CR. PREREQUISITE: 3 YEARS OF CP SCIENCE, ALGEBRA 2 CP.
METEOROLOGY is a course that will provide an opportunity to learn about the composition of the atmosphere, precipitation processes and cloud formation, development of mid-latitude cyclones, formation/dissipation of tornadoes and hurricanes, analysis of weather maps and weather patterns specific to the United States.

20060913 **OCEANOGRAPHY L/CP**
(12) 5 CR. PREREQUISITE: 3 YEARS OF CP SCIENCE, ALGEBRA 2 CP.
OCEANOGRAPHY is a course that will provide students an opportunity to study the atmospheric and geological conditions that affect the oceans, and the physical and chemical processes that are responsible for forming oceans.

060813 **ASTRONOMY L/CP**
(12) 5 CR. PREREQUISITE: 3 CP SCIENCES, ALGEBRA 2 CP.
ASTRONOMY is a course that will enable a student to explore the universe, galaxies, and solar systems. Telescopes will be used; astronomical observations will be described in detail and analyzed. Emphasis is on concepts, rather than mathematics.



Science



- 20060513 **GEO SCIENCE L/CP**
(11,12) 5 CR. PREREQUISITE: BIO CP.
GEOLOGICAL SCIENCE is a course of study in four parts: geology, oceanography, meteorology, and astronomy. Students are encouraged to enroll concurrently in CHEM CP, or PHYSICS with this course. Laboratory work is an integral part of this course.
- 20060311 **ACTION CHEMISTRY**
(10,11,12) 5 CR. PREREQUISITE: BIO CP, AND ALGEBRA 1.
ACTION CHEMISTRY is a general survey course that focuses on the practical application of chemical concepts and theories to industry, technology, and everyday life. Numerous lab exercises and experiments enhance the classroom materials while providing hands-on experiences.
- 20060313 **CHEMISTRY L/CP**
(10,11,12) 6 CR. PREREQUISITE: BIO CP, AND ALGEBRA 1, CONCURRENTLY ENROLLED IN ALGEBRA 2 CP.
CHEMISTRY is the study of the composition and behavior of matter; principles of structure, matter-energy relationships, thermodynamics, and chemical reactions are applied in the lab. Quantitative and qualitative analyses are utilized with a command of algebraic operations. Laboratory work is an integral part of this course.
- 20060314 **CHEMISTRY L/HONORS**
(10) 6 CR. PREREQUISITE: HONORS BIOLOGY, HONORS GEOMETRY, ENROLLED IN HONORS ALGEBRA 2.
HONORS CHEMISTRY is the second year of science for the Honors program. Its application of mathematics and concurrent study of chemistry is rigorous and more demanding. Students are expected to complete quantitative and qualitative analyses of chemical reactions through laboratory activities.
- 20060613 **ECOLOGICAL SCIENCES L/CP**
(12) 5 CR. PREREQUISITE: 2 YEARS CP SCI OR 2 YEARS HONORS SCIENCE.
This course utilizes the disciplines of chemistry, biology, geology, and physics to examine the environmental issues inherent in the quality of air, water, and land. Students are immersed in policy issues affecting the environment, as well as laboratory activities and research. Presentations are an integral part of this course.
- 20061014 **ANATOMY AND PHYSIOLOGY L/HONORS**
(11-12) 5 CR. PREREQUISITE: BIO CP, CHEM CP.
ANATOMY/PHYSIOLOGY HONORS is a demanding study of the way the human body is organized and functions. Students explore histology, the structure and the structure and function of human systems. Students apply for college credit through Seton Hall University.
- 20061013 **ANATOMY AND PHYSIOLOGY L/CP**
(11-12) 5 CR. PREREQUISITE: BIO CP, CHEM CP.
ANATOMY/PHYSIOLOGY L/CP is the study of the organization and function of the human body.
- 20060425 **AP PHYSICS C**
(12) 7 CR. PREREQUISITE: PHYSICS CP OR HONORS, PRECALC CP OR HONORS.
AP PHYSICS is a calculus based course, covering mechanics, electricity and magnetism. Differential and Integral calculus are utilized in problem solving. Teacher demonstrations and laboratory exercises are essential pedagogical components for understanding fundamental concepts. Students are expected to take the AP Physics C exam.





20060413 PHYSICS L/CP
 (11, 12) 6 CR. PREREQUISITE: CHEM CP; ALG 2 CP, CONCURRENT PRE-CALCULUS CP.
 PHYSICS/L CP is a course that utilizes an application of mathematics to problem solve in the physical world. Computer application and data analysis provide the elements of laboratory experiments. Mechanics, waves, heat, nuclear physics, and electromagnetism are areas for study in the course. Laboratory work is an integral part of this course.

20060415 AP PHYSICS 1
 (11, 12) 6 CR. PREREQUISITE: CHEMISTRY CP OR HONORS, CONCURRENT ENROLLMENT IN ALGEBRA 2 CP OR HONORS.
 AP PHYSICS 1 is an algebra-based, introductory college-level physics course that explores topics such as Newtonian mechanics; work, energy, and power; mechanical waves and sound; and introductory simple circuits. Through inquiry-based learning, students will develop scientific critical thinking and reasoning skills.

20060435 AP PHYSICS 2
 (12) 7 CR. PREREQUISITE: AP PHYSICS 1, PRE-CALCULUS OR CONCURRENT ENROLLMENT.
 AP PHYSICS 2 is an algebra-based, introductory college-level physics course that explores topics such as fluid statics and dynamics; thermodynamics with kinetic theory; PV diagrams and probability; electrostatics; electrical circuits with capacitors; magnetic fields; electromagnetism; physical and geometric optics; and quantum, atomic and nuclear physics. Through inquiry-based learning, students will develop scientific critical thinking and reasoning skills. Students are expected to take the AP PHYSICS 2 exam.

20060325 AP CHEMISTRY
 (12) 7 CR. PREREQUISITE: CHEMISTRY, PHYSICS OR CONCURRENT ENROLLMENT, PRECALCULUS OR CONCURRENT ENROLLMENT.
 AP CHEMISTRY is intended for students who expect to major in the physical or biological sciences or engineering in college. Dimensional analysis, thermodynamics, activation complexes, kinetics, rate orders, and catalysts are areas of concentration in the course. Students are expected to take the AP CHEMISTRY exam.

20061111 LABORATORY SERVICE
 (12) 0 CR.
 The AP Biology lab service course has two main goals: to expose students to a wide variety of tools used in college level laboratories, and to supplement their AP Biology experience with intense tutorial sessions in small group sessions. The students are expected to assist in mixing solutions for scheduled labs and set up the appropriate equipment-the instructor will provide hands-on directions for this activities. Student participation is geared towards improving their lab techniques to help them succeed in college laboratory activities. The tutorial sessions include one-on-one Socratic teaching that focus on synthesizing the material learned in the AP Biology class.

TITLE 16 Education CHAPTER 16-22: Curriculum
 SECTION 16-22-20

§ 16-22-20 Animal dissection and vivisection - Right to refuse - Alternate learning project required. - (a) A parent(s) or legal guardian of any student in a public or nonpublic primary or secondary school may refuse to allow their child to dissect or vivisect any vertebrate or invertebrate animal, or any part of a vertebrate or invertebrate animal. (b) A school that offers dissection or vivisection as a learning activity shall permit those students whose parent(s) or legal guardian refuse to allow them to participate to demonstrate competency through an alternative method of learning the material that would be covered in the activity. Alternative materials and methods may include but not be limited to: videotapes, models, films, books, computer programs, clay modeling or transparencies. (c) A teacher shall not discriminate against a student for not participating in dissection or vivisection and shall not lower a grade because a student's parent or legal guardian has chosen an alternative education project.

Dissections at Bloomfield High School are used as a component of life science classes to meet course objectives. All animal materials are used in a respectful manner. Each teacher will provide alternatives to actual dissection. The alternatives may include a computer simulation, a research project and a video presentation.

If you choose not to have your student take part in dissections, please notify the student's teacher in writing by September 15, 2015.

Social Sciences



Social Sciences

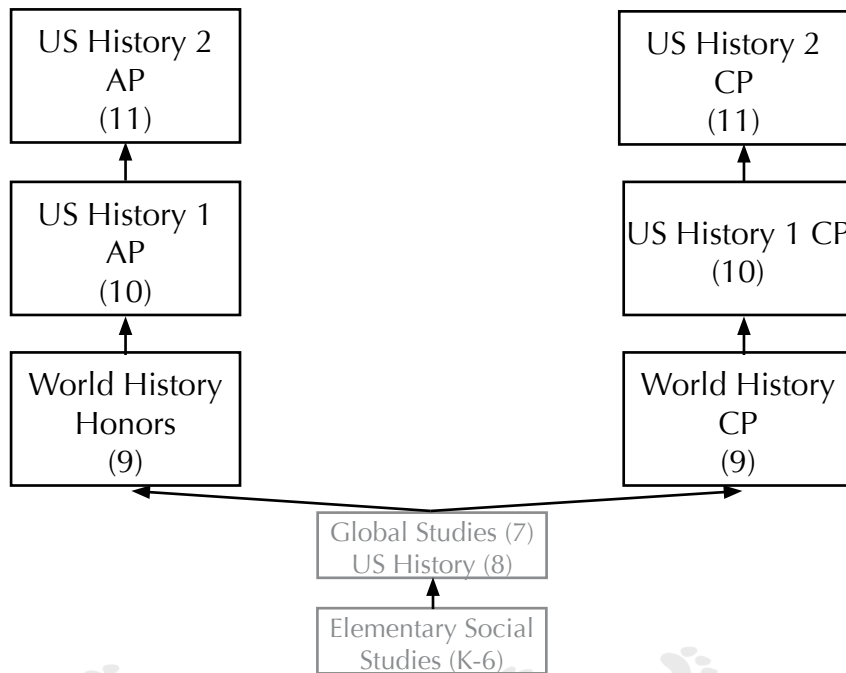
Department Supervisor: Elizabeth Petrangeli
 epetrangeli@bloomfield.k12.nj.us; x4581

The Social Science Department at Bloomfield High School offers a variety of courses, making us a truly comprehensive department. Our goal is to expose students to a range of topics, hoping to encourage an appreciation of the many issues that impact their lives. Through introspection, a cultivation of empathy, analysis, and evaluation, students will develop the skills necessary to succeed as productive citizens in society.

Bloomfield Public Schools Social Studies K-12 Program/Course Sequence

*Electives

Bloomfield College Psychology* (12)	History Through Media* (12)	Non-Western World 1 & 2* (10, 11, 12)	Criminal Justice* (11, 12)
Political Science* (11, 12)	Holocaust & Genocide* (11, 12)	Human Relations 1 & 2* (10, 11, 12)	Sociology* (11, 12)
Anthropology* (11, 12)	US Government AP* (11, 12)	Law Enforcement* (10, 11, 12)	Economics* (11, 12)



Social Sciences

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Social Sciences



Social Sciences

- 20070113 **WORLD HISTORY CP**
(9) 5 CR. PREREQUISITE: NONE.
A required course for graduation, WORLD HISTORY CP stresses the cause and effect relationship of those events and people that have shaped modern history.
- 20070114 **WORLD HISTORY HONORS**
(9) 5 CR. PREREQUISITE: GRADE OF 85 OR HIGHER IN 8TH GRADE HISTORY HONORS OR PARTICIPATION IN THE G&T PROGRAM WITH TEACHER RECOMMENDATION.
This course meets a state requirement in history. It is predicated on an analysis of interdependent systems throughout history: ecological, political, economic, social, and cultural. Research and writing are key elements for the study and comparisons of past civilizations, their rise and fall, and current world events.
- 20070215 **U.S. HISTORY 1 AP**
(10) 5 CR. PREREQUISITE: GRADE OF 85 OR HIGHER IN WORLD HISTORY HONORS.
U.S. HISTORY 1 is the first part of a two year program which prepares the student for the AP exam. The course demands college level research, analysis, and writing to develop a knowledge and understanding of the history of the United States from pre Columbian history through 1880.
- 20070213 **U.S. HISTORY 1 CP**
(10) 5 CR. PREREQUISITE: WORLD HISTORY.
Required for graduation, U.S. HISTORY 1 is predicated on inquiry and analysis that answer the "whys" in the history of the United States from the Age of Discovery to Westward Expansion. The impact of cultural diversity, the creation of government, and an emergence of global power are studied.
- 20070225 **AP U.S. HISTORY 2**
(11) 5 CR. PREREQUISITE: AP US 1; RECOMMENDATION. MUST MAINTAIN B IN AP US 1.
A study of the United States from 1880 through the present, Advanced Placement History requires analysis, research, and preparation for the AP exam. Included are core content standards which mandate an examination of economics and its effect on national and international politics.
- 20070223 **U.S. HISTORY 2 CP**
(11) 5 CR. PREREQUISITE: U.S. HISTORY 1.
A study of the U.S. from 1880 to the present, U.S. HISTORY 2 emphasizes the study of the U.S. during the post WW II era, and the effect of economics on politics in international affairs. Research and examination of the past and its relevance to current events is made in the context of motives, purpose, and global politics.
- 20071014 **PSYCHOLOGY/SOCIAL PSYCHOLOGY HONORS**
(12) 5 CR. PREREQUISITE: HONORS GRADES.
An advanced senior course, which allows college credit at the student's expense through Bloomfield College, PSYCHOLOGY/SOCIAL PSYCHOLOGY is a balanced approach between application and theory. Study includes thought process, developmental stages, interpersonal relations, self identity, and the experimental aspects of social science.
- 20070713 **ANTHROPOLOGY CP**
(11, 12) 2.5 CR. PREREQUISITE: NONE.
ANTHROPOLOGY is an integration of the physical and social sciences: a study of the evolution of man. A basis for research and dialog in the class is the dialectic of culture, religion, and nationality. Research is a key component through contrasting the similarities and differences between and among cultures.



Social Sciences



20070811 **LAW ENFORCEMENT**
(10-12) 5 CR. PREREQUISITE: NONE.
LAW ENFORCEMENT is a course for students interested in pursuing a career in criminal justice or a related field of government service. The elements of the program include police roles and functions, summons and report writing, first aid, law enforcement agencies, NJ criminal code, and investigation.

20070913 **CRIMINAL JUSTICE CP**
(11, 12) 5 CR. PREREQUISITE: NONE.
CRIMINAL JUSTICE is a course designed to prepare the student for entry to a college major in criminal justice. The course includes a study of the criminal justice system, participation in mock trials, analysis of the United States Constitution and the NJ Criminal Code. A research paper is required.

20070411 **HOLOCAUST AND GENOCIDE**
(11,12) 2.5 CR. PREREQUISITE: NONE.
The goals of this course will be to allow students who have completed the core courses to use their knowledge to better appreciate and empathize with the Holocaust and Genocides that have occurred. Students employ their historical understanding of these events to begin to analyze reasons why each was allowed to happen.

20070313 **NON-WESTERN WORLD 1 CP**
(10, 11, 12) 2.5 CR. PREREQUISITE: NONE.
The first part of a two semester offering. NON-WESTERN WORLD examines the history, politics, sociology, and culture of Africa, India, Japan, Korea, Russia, China, the Mid-East and Southeast Asia. Geography, economics and personalities important in the development of these nations are analyzed and discussed.

20070323 **NON-WESTERN WORLD 2 CP**
(10, 11, 12) 2.5 CR. PREREQUISITE: NONE.
NON-WESTERN WORLD 2 continues the study of the nations comprising two thirds of the world separate and distinct from western world cultures. Continued analysis and discussion of the politics, economics and geography of these nations and their emergence, or submergence, as global powers is a basis for the course.

20071113 **SOCIOLOGY CP**
(11, 12) 2.5 CR. PREREQUISITE: NONE.
A semester elective which examines the structures and dynamics of human society and interprets social behavior within a context of modern society, SOCIOLOGY is an elective that provides students an opportunity to research culture, norms, groups, stratification, inequalities and demography for analysis and discussion.

20070613 **POLITICAL SCIENCE CP**
(11, 12) 2.5 CR. PREREQUISITE: NONE.
A semester elective, POLITICAL SCIENCE provides an analysis of contemporary political systems in the United States and other countries. Traditional political theory, global and local politics, civil liberties, political systems and parties are researched for analysis, review and discussion.

20071213 **HISTORY THROUGH MEDIA CP**
(12) 2.5 CR. PREREQUISITE: U.S. HISTORY 1, 2.
HISTORY THROUGH MEDIA is an application of an understanding of American history through societal perceptions, influenced by the media. Film, newspaper, and music will be used as the foundation. Students will be challenged to analyze, synthesize, and predict as they research the historical climate of the times.



Social Sciences



20071313 **HUMAN RELATIONS 1 CP**
(10-12) 2.5 CR. PREREQUISITE: NONE.
HUMAN RELATIONS 1 is a course that looks into human behavior. It attempts to explain the how and why of everyday human action. The class follows a curriculum that is designed to challenge the students and develop a foundation in the field of psychology.

20071323 **HUMAN RELATIONS 2 CP**
(10-12) 2.5 CR. PREREQUISITE: NONE.
HUMAN RELATIONS 2 is a course that looks into how we learn and develop, different types of personalities we can possess, and the various mental disorders that exist. It is a course that fosters various skills, such as reading, writing, research, and critical thinking.

20070513 **ECONOMICS CP**
(11, 12) 2.5 CR. PREREQUISITE: NONE.
A semester course, ECONOMICS is a study of systems affecting people and government. Production, consumption, distribution, and fiscal policy are researched for analysis and discussion. Students are expected to show understanding of banking, inflation, the Federal Reserve Board, global trade and taxation. This course can fulfill the Financial Literacy requirement for graduation.

20071415 **U.S. GOVERNMENT AND POLITICS AP**
(11, 12) 5 CR. PREREQUISITE: U.S. HISTORY I, U.S. HISTORY 2, 3.0 CUM GPA, TEACHER RECOMMENDATION AND WRITING SAMPLE.
This course will delve into the American political process—its philosophical foundations, historical development, modern institutions, and the contemporary development of American government. Critical thinking and analysis will be a major component of the course.

20071521, 20071531 **LEADERSHIP 11, LEADERSHIP 12**
(11, 12) 5 CR. PREREQUISITE: TEACHER RECOMMENDATION.
This course will help students combine the skills required for and knowledge of different subjects and disciplines to solve problems, make decisions, create personal meaning, and present findings beyond the scope of a single subject or discipline. Through individual and collaborative inquiry and research, students will analyze the connections among diverse subjects and disciplines; develop information literacy skills in analyzing, selecting, evaluating, and communicating information; and become aware of a variety of resources and viewpoints on contemporary issues.



Special Services



Special Services Special Education Home Instruction

Department Supervisor: Keri Regina
kregina@bloomfield.k12.nj.us; x4116

The Department of Special Services encompasses the entire district. At the high school, there is a supervisor of Special Services, and two child study teams; consisting of a School Psychologist, Learning Disability Teacher Consultant, and a School Social worker. In addition, services are scheduled with a Speech Therapist. Small group instruction is offered to students as identified in their Individual Education Plan. In-class support classes are offered for academic subjects and are taught collaboratively with certified secondary content area teachers. Study strategies classes are scheduled for students who are receiving in-class support.

Students who fail to make an adequate school adjustment, emotionally, socially, academically, or physically, are brought to the attention of the child study team. Usually administrators or teachers refer students through the Intervention and Referral Services (I&RS) committee for review when difficulties are noted. Parents and students themselves seek some assistance when they realize a problem exists. After a screening process if I&RS has indicated a referral is necessary, the child Study Team must obtain parent approval before proceeding with the referral. Once parents approve the referral, the Child Study Team proceeds with the required evaluations to determine if the student is educationally handicapped and in need of special education.

The Child Study Team, the Guidance counselor, other appropriate staff, and the students' parents meet to discuss the results of the evaluation. In those instances where the findings so indicate, the student is classified as educationally handicapped. The Team, the Guidance counselor, parent(s) and teacher(s) then devise an Individualized Education Plan (IEP) to meet the specific needs of the student. The IEP is reviewed annually with the parents. Usually a plan is developed with staff and parents to assist the student, utilizing other resources in the school system and community.

Home Instruction is monitored by the Department of Special Services. Individual instruction is provided for students confined to home or hospital for physical disability, illness or injury; or when such confinement is recommended for psychological or psychiatric reasons.

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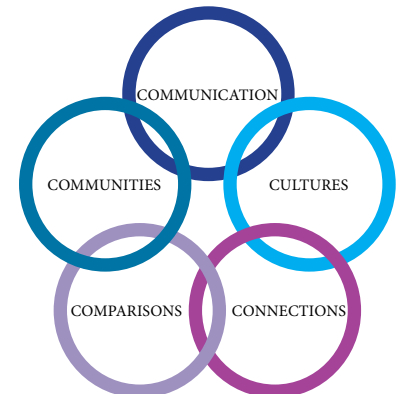
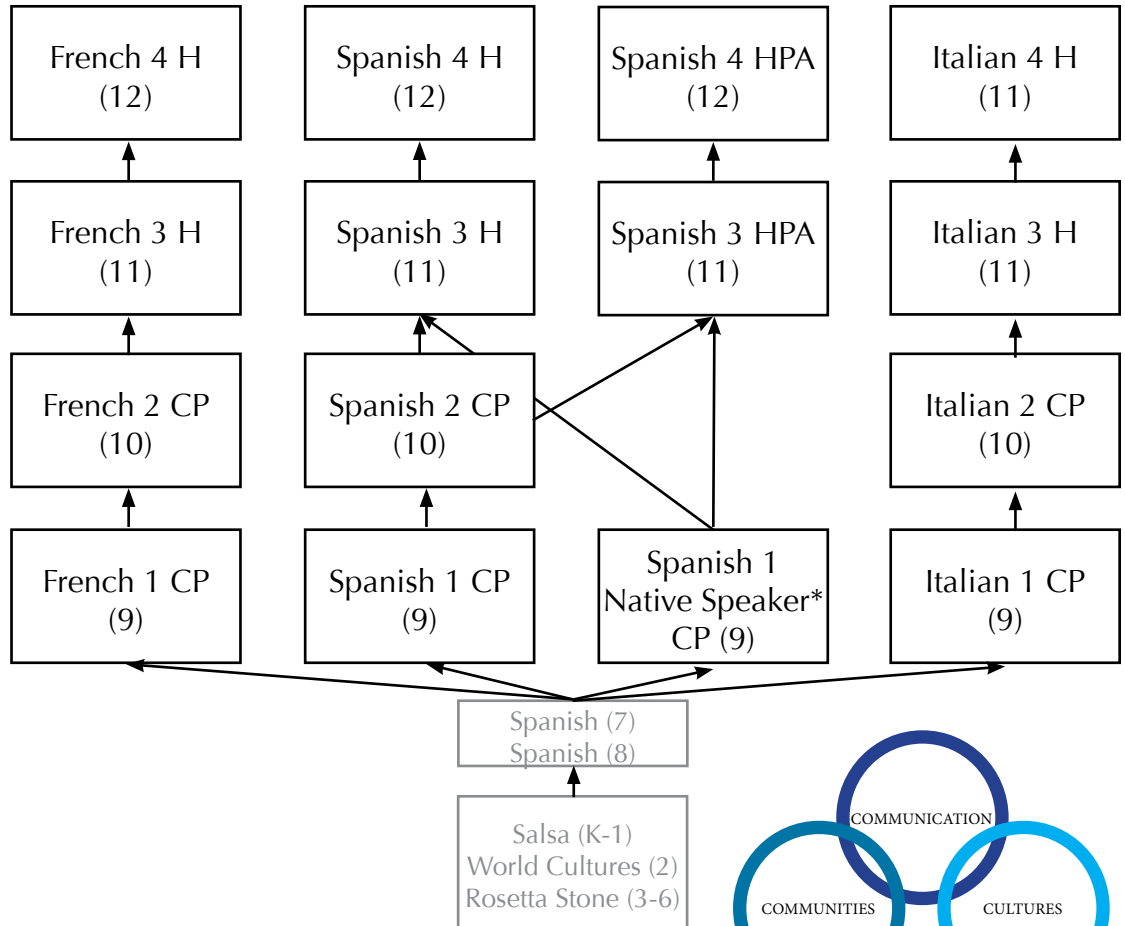
World Languages



World Languages

Department Supervisor: Elizabeth Petrangeli
epetrangeli@bloomfield.k12.nj.us; x4581

All courses in the department are sequential, full year courses in which communicative skills as well as the cultural aspects of the target country and its people are emphasized. Language instruction will focus on the interpretive, interpersonal, and presentational modes of communication. Using this approach, students will be able to interpret and understand spoken and written language, participate in direct oral and written communication, and make presentations in the target language.



*Placement test required

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World Languages



110313 **FRENCH 1 CP**

(9-11) 5 CR. PREREQUISITE: ENROLLMENT ENGLISH CP.

This course focuses on the development of the ability to communicate in French using the three modes of communication: the interpretive, the interpersonal, and the presentational. The aim is to develop the student's ability to understand, speak, read and write French. An introduction to the culture of the francophone world is also included.

110323 **FRENCH 2 CP**

(10-12) 5 CR. PREREQUISITE: FRENCH 1 CP.

This course stresses the active participation of the students in the acquisition of meaningful communication. The goal is to increase the student's ability to understand, speak, read, and write French. Fundamentals of grammar are expanded and culture is infused throughout each lesson. Students will participate in activities which focus on the interpersonal, interpretive, and presentational modes of communication.

110334 **FRENCH 3 HONORS**

(11, 12) 5 CR. PREREQUISITE: FRENCH 2 CP FINAL GRADE OF 80 OR HIGHER.

The third year is one of synthesis and expansion of the three modes of communication. Objectives include oral and written fluency, an increased awareness and appreciation for French culture, and the review and development of grammar skills which foster greater use of idiomatic French. Students are expected to produce short compositions and make oral presentations.

110344 **FRENCH 4 HONORS**

(11, 12) 5 CR. PREREQUISITE: FRENCH 3 HONORS FINAL GRADE OF 80 OR HIGHER.

Students at this level continue to master the modes of communication using the French language. Literary and expository texts, authentic print materials, poems and short stories are read, discussed and evaluated both orally and in writing. Essential grammar points will be reviewed with an emphasis on idioms, pronouns, and verb tenses.



World Languages



110213 ITALIAN 1 CP

(9-11) 5 CR. PREREQUISITE: ENROLLMENT ENGLISH CP.

The focus of this course is to develop the ability to communicate in Italian using the interpretive, interpersonal, and presentational modes of communication. This beginning level course provides the necessary fundamentals of vocabulary and grammar to develop the student's ability to understand, speak, read and write in Italian. The study of the Italian culture is an important element of this course.

110223 ITALIAN 2 CP

(10-12) 5 CR. PREREQUISITE: ITALIAN 1 CP.

The objective of this course is to develop the student's ability to communicate in the three communication modes: interpretive, interpersonal, and presentational. The student will be able to understand, to converse, to interact, and to make presentations in Italian on a more difficult level through the introduction of new grammar and vocabulary. The study of Italian culture and civilization continues throughout the course.

110234 ITALIAN 3 HONORS

(11-12) 5 CR. PREREQUISITE: ITALIAN 2 CP FINAL GRADE OF 80 OR HIGHER.

Development of the three modes of communication continues as students gain oral and written fluency and an increased knowledge and appreciation of Italian culture. Italian syntax is reviewed and expanded; building vocabulary continues and emphasis is placed on developing skills in the use of idiomatic Italian.

110244 ITALIAN 4 HONORS

(11-12) 5 CR. PREREQUISITE: ITALIAN 3 HONORS FINAL GRADE OF 80 OR HIGHER.

The leading personalities and events of Italian history are a basis for development and usage of increased vocabulary and composition writing. Reading is extensive, and listening comprehension, as well as speaking, are integral parts of the fourth year. Students continue to master the interpretive, interpersonal and presentational modes of communication in Italian 4.

110113 SPANISH 1 CP

(9-11) 5 CR. PREREQUISITE: NONE. The overall goal of this course is to develop the student's ability to understand, speak, read, and write in Spanish by using the three communicative language modes. In order to foster meaningful communication, the fundamentals of pronunciation, aural comprehension, oral expression, vocabulary, grammar and composition are provided. Opportunities to learn about and explore the culture of Spanish speaking countries are also emphasized throughout this course.

1101N3 SPANISH 1 NATIVE SPEAKERS CP

(9-10) 5 CR. PREREQUISITE: WRITING ASSESSMENT, RECOMMENDATION.

SPANISH 1 NATIVE SPEAKERS is a college preparatory course designed to meet the needs of students who have attained mastery in speaking Spanish, but require continued study in grammar, vocabulary, and writing. Enrollment is determined by testing through the World Language Department.



World Languages



110123 **SPANISH 2 CP**

(10-12) 5 CR. PREREQUISITE: SPANISH 1 CP. The objectives of this course are to continue to develop the student's ability to communicate in Spanish both orally and in writing and to increase the student's appreciation of the culture of the Spanish speaking countries studied. Using the three modes of communication, the interpretive, the interpersonal, and the presentational modes, the student will be able to understand, converse, interact, and present written and oral products in Spanish at a more difficult level.

110134 **SPANISH 3 HONORS**

(10-12) 5 CR. PREREQUISITE: SPANISH 2 CP FINAL GRADE OF 80 OR HIGHER OR NATIVE SPEAKER FINAL GRADE OF 85 OR HIGHER. SPANISH 3 HONORS continues to emphasize the three modes of communication: interpretive, interpersonal and presentational. Increased competency in oral and written fluency is demonstrated by the development of vocabulary, and the use of idiomatic Spanish. Reading literature and writing compositions provide the synthesis and expansion for command of the language, and knowledge of Latin American culture.

110135 **SPANISH 3 HPA**

(10-12) 5 CR. PREREQUISITE: SPANISH 2 FINAL GRADE OF 80 OR HIGHER; APPLICATION AND FEE REQUIRED. SPANISH 3 HONORS PROJECT ACCELERATION is a component of Seton Hall University. Students who elect this class are eligible for college credit upon successful completion of the course, and successful performance on an exam administered through the world language department of Seton Hall University.

110144 **SPANISH 4 HONORS**

(11-12) 5 CR. PREREQUISITE: SPANISH 3 HONORS FINAL GRADE OF 80 OR HIGHER. SPANISH 4 students continue to develop the interpretive, interpersonal, and presentational modes of communication with a greater degree of proficiency. With emphasis on the leading personalities and outstanding events in Spanish history, the fourth year demands increased listening comprehension and fluency of both oral and written expression. Essential grammar points are reviewed as they refer to assigned readings.

110145 **SPANISH 4 HPA**

(11-12) 5 CR. PREREQUISITE: SPANISH 3 HPA FINAL GRADE OF 80 OR HIGHER; APPLICATION AND FEE REQUIRED. SPANISH 4 HONORS PROJECT ACCELERATION is a component of Seton Hall University. Students who elect this class are eligible for additional college credit upon successful completion of the course, and successful performance on an exam administered through the world language department of Seton Hall University.





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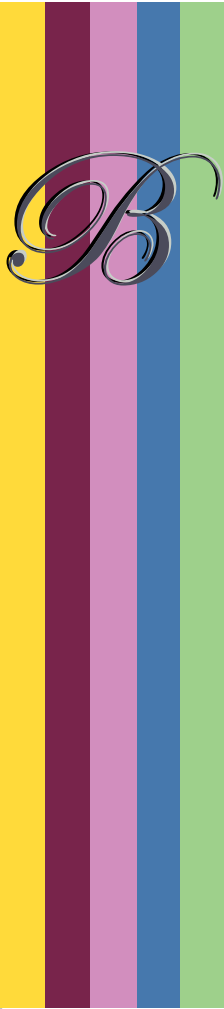
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