BALDWIN SCHOOLS

BALDWIN HIGH SCHOOL

COURSEBOOK 2026-27

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BEST HIGH SCHOOLS
U.S.News & WORLD REPORT
NATIONAL
2025-2026

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Questions? Contact the Baldwin High School Guidance Department: 516.434.6134

We Are Innovative! We Are Inclusive! We Are Involved! We Are Baldwin!

Baldwin High School

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Jessica Rivera
Stephen Saravia
Assistant Principals

Neil J. Testa, Ed.D
Principal

Richaud Bland
Luz McCaw
Craig Tupot
Jason R. White
Deans

December 2025

Dear Students and Families,

Welcome to the 2026-2027 scheduling season! One of our goals as a learning community is to ensure that you, our students, have all the resources needed to make educated choices about your academic career. We are excited to offer you a multitude of rigorous courses where you can engage in learning experiences that will help you maximize your potential and facilitate your post-secondary desires.

This Course Offering Book, or COB, will give you all the information that you require to make informed choices about what academic discipline you choose to pursue as well as determining which courses, including electives, you should take to ensure that you meet State requirements while also addressing your individual needs and interests.

Please keep in mind that conversing and collaborating with your family, teachers, and school counselors will help you make the best choice for your academic future. Three things should guide your decision-making: your interests, graduation requirements, and your college and/or career goals. I strongly encourage you to inspire yourself intellectually and to step outside of your comfort zone. Think about your passions and match them with the level of rigor that will challenge you in these academic areas. There is no limit to your potential here at Baldwin High School and beyond! I wish you good luck as you begin to work on your 2026-27 program!

Warmly,

Dr. Neil J. Testa
Principal

WE ARE INNOVATIVE! WE ARE INCLUSIVE! WE ARE INVOLVED! WE ARE BALDWIN!

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BALDWIN HIGH SCHOOL

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Mathematics	Ms. Jamie Abbi-Handler	434-6148
Music	Mr. Andre Poprilo	434-6155
Physical Education	Mr. Drew Cronin	434-6081
Science	Ms. Susan Ferrigno	434-6140
Social Studies	Mr. Michael Butler	434-6150
Special Education	Mr. Craig Hanan	434-6160
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World Language	Dr. Jimmy Kalamaras	434-6118

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Ms. Stephanie Piña	434-6125
Ms. Meghan Schlosser	434-6131

School Counselors will meet with students to discuss subject offerings and will review all programs on an individual basis. Student interviews will include topics such as graduation requirements and the relationship of academic subjects to career/college opportunities, individual interests/aptitudes, and today's increasingly complex technological society. Both students and parents are urged to carefully consider the course possibilities and to utilize the guidance services available to them in the Baldwin School District.

ACADEMIC INFORMATION

MINIMUM PROGRAM REQUIREMENT

Board of Education policy requires that all Freshmen, Sophomores, and Juniors carry yearly programs with a minimum of 6 units, plus physical education. Seniors will be scheduled for a minimum of 5 units plus physical education. All Freshmen, Sophomores, and Juniors are fully scheduled for 8 periods of classes and a lunch period. Seniors are scheduled for a minimum of 7 periods of classes and a lunch period. Additionally, students are scheduled for Math and Science classes throughout all years of high school.

GRADUATION REQUIREMENTS

REQUIRED (Core Subjects)	REGENTS DIPLOMA	REGENTS WITH ADVANCED DESIGNATION DIPLOMA
English	**4**	**4**
Social Studies	**4**	**4**
Math	**3***	**3***
Science	**3***	**3***
Health	**.5**	**.5**
Art/Music	**1**	**1**
World Languages	**1**	**3****
Physical Education	**2**	**2**
Sequence/Electives	**3.5**	**1.5**
TOTAL REQUIRED (minimum)	**22**	**22**

*Students may meet the learning standards in technology either through a course in technology education or through an integrated course combining technology with mathematics and/or science. A commencement-level course in technology education may be used as the third unit of credit in science or mathematics, but not both.

To earn the advanced designation, the student must complete **one of the following:

1. **World Languages** (total of 3 credits)

- CTE (5 credits), plus one credit in a **World Languages**
- The arts (5 credits), plus one credit in a **World Languages**

WORLD LANGUAGES REQUIREMENTS

Students must complete two units of study of World Languages by the end of 9th grade.
They must pass the course in order to apply the unit of credit toward graduation requirements.

HONORS COURSE PLACEMENTS

It is assumed that every student in an Honors course will perform at a mastery level. If a student is not performing at this level, a meeting with the counselor, teacher, student, and parent will be set up to determine appropriate placement and/or academic support necessary to achieve a mastery level.

ADDING OR DROPPING OF COURSES

After the first five days of classes in the fall, a student may request an additional class, provided there is room in that class. No additions will be permitted after the first 15 days of class.

A student may not drop a class before completing 12 class days. The procedure for dropping a class must be followed before the request is approved. If there is a disagreement among parties involved, a meeting

will be held with the building principal and/or his/her designee; the principal and/or his/her designee will make the final decision.

RANKING

Baldwin High School determines class rank using a Weighted Average, which reflects both a student's academic performance and the rigor of the courses taken.

To calculate the weighted average, the school first determines a student's unweighted grade average using numerical grades earned and credits attempted. This unweighted average represents the student's overall academic performance before course rigor is considered.

Next, additional weighting points are added for eligible advanced courses to recognize increased academic rigor. These weighting points do not change a student's course grades; instead, they provide additional value when calculating the weighted average.

"AP" Level Courses:	0.1
"H" Level Courses and Dual Enrollment Courses:	0.01
All Other Courses:	Unweighted

After weighting points are added, the total is divided by the number of credits attempted to determine the student's final weighted average, which is used to establish class rank.

For reference, the weighted average is calculated as follows:

$$\text{Weighted Average (WA)} = \frac{[\text{Sum of (Grade x Credit)} + \text{Sum of (Grade x Credit x Weight)}]}{\text{Sum of Credits Attempted}}$$

At the end of six semesters, to calculate the weighted average grade, add all weighted values together. Divide the total weighted grade sum by the total number of credits taken. It is this weighted average that is used to determine rank in class.

TESTING AND EVALUATION

1. PSAT/NMSQT Preliminary Scholastic Aptitude Test/National Merit Scholarship Qualifying Test:

The PSAT is given to Juniors. Some Sophomores may elect to take the exam as a practice for the 11th grade test. The test runs just over two hours and consists of three parts: verbal, math and writing. Scores do not become part of the high school transcript. The National Merit Scholarship Corporation uses the results of this test to award scholarships to qualified students.

2. SAT - Scholastic Aptitude Test

The Scholastic Aptitude Test is one of two tests that can be used for college admissions purposes. Students generally take this test twice, once in the spring of their junior year, and again the fall of their senior year. It is a 3-hour test (plus 50 minutes for the optional essay). The components are Evidence-Based Reading and Writing which include a Reading test and a Writing and Language test, and Math.

3. ACT – American College Test

The ACT is an achievement test accepted by most colleges. The test has four sub-parts: English, Math, Science Reasoning and Reading. Generally, students take the ACT's in the spring of their junior year and again in the fall of their senior year. Certain colleges will accept the ACT in lieu of both the SAT Reasoning and SAT Subject Test. Please see your counselor.

OTHER INFORMATION

INDEPENDENT STUDY

1. Independent Study cannot be substituted for a course offered in the school curriculum.

2. Time designations will be as follows:
    a. All students may be involved in Independent Study (Juniors and Seniors will be given priority).
    b. At all grade levels, an Independent Study project must last for a minimum of one semester.
    c. Credits earned for Independent Study will be determined on an individual basis by the school counselor, subject department supervisor, and approval of the administration.

3. Where applicable, reports on approved projects will be required. Copies of written reports will be placed in the student's cumulative folder and on file in the Library.

4. Independent Study topics are open-ended. Any type of proposal may be submitted for consideration.

5. Enrollment in Independent Study will be limited by student interest, availability of an advisor, and the student's ability to complete required course work while pursuing independent study.

6. Projects may be developed cooperatively by more than one student.

7. Independent Study may be pursued in any area acceptable to the student's advisor, the department supervisor of the specific subject area (where applicable), and the administration.

8. Independent Study may not replace one of the five required courses for seniors (Physical Education not included). Independent Study may not replace one of the six required courses (Physical Education not included for juniors, sophomores, or freshmen). Applications for Independent Study can be obtained in the Assistant Principal's Office.

Baldwin High School
Dual Enrollment Courses 2026-2027

Content Area	Baldwin Course	College Course(s)	College Credit	College/University
Business	Virtual Enterprise	Virtual Enterprise	3	Farmingdale State College
Business	College Accounting	BUS 101 - Accounting I	3	Farmingdale State College
Business	College Business Management	BUS 109 – Management Theories and Practices	3	Farmingdale State College
Business	College Personal Finance and Business Mathematics	BUS 121 – Business Mathematics	3	Farmingdale State College
English Language Arts	College Critical Issues in Education	Critical Issues in Education	3	Molloy University
English Language Arts	College English 4R	Composition I (Fall) Composition II (Spring)	6	Nassau Community College
Mathematics	College Statistics	MAT 1150A - Elementary Statistics	3	Molloy University
Mathematics	College Algebra	MTH 103 - College Algebra & Trigonometry	3	Long Island University
Mathematics	College Calculus	MAT 2210 - Calculus I	4	Molloy University
Mathematics	Introduction to College Math	MAT 1100 - Basic College Mathematics	3	Molloy University
Science	College Marine	Marine Biology	3	Molloy University
Science	College Forensics	Forensic Science	3	Molloy University
Science	College Anatomy & Physiology	Anatomy & Physiology I (Fall) Anatomy & Physiology II (Spring)	8	Long Island University
Social Studies	College Psychology	Introduction to Psychology	3	St. John's University
Social Studies	College Sociology	Introduction to Sociology	3	St. John's University
Social Studies	College Law and Crime	Introduction to American Jurisprudence	3	Molloy University
Social Studies	College Economics	ECO 110 Personal Finance	3	Nassau Community College
Social Studies	College Public Speaking	Introduction to Public Speaking	3	Syracuse University
Social Studies	College Civics and News Literacy	News Literacy	3	Stony Brook University
Technology	College Architecture	Introduction to Architecture and Construction	3	Farmingdale State College
Technology	College Engineering	Engineering	3	Farmingdale State College
Technology	College Robotics	Robotics	3	Farmingdale State College

Technology	College CAD	Computer Aided Design (CAD)	1	Farmingdale State College
Technology	College Coding	Programming Concepts and Problem Solving	2	Farmingdale State College
Technology	College Technical Drawing & CAD	Technical Drawing	1	Farmingdale State College
Technology	College 3D Design and Engineering Technology	Computer Aided Drafting	3	Nassau Community College
World Languages	Spanish 4H/5R	SPA 2030C- Spanish Level III 3 Credits (Fall) SPA 2040C- Intermediate Spanish Conversation 3 Credits (Spring)	6	St. John's University
World Languages	French 4H	FRE 1010C- French Level I 3 Credits (Fall) FRE 1020C- French Level II 3 Credits (Spring)	6	St. John's University
World Languages	French 5R	FRE 2030C- French Level III 3 Credits (Fall) FRE 2040C- Intermediate French Conversation 3 Credits (Spring)	6	St. John's University
World Languages	Italian 4H	ITA 1010C- Italian Level I 3 Credits (Fall) ITA 1020C- Italian Level II 3 Credits (Spring)	6	St. John's University
World Languages	Italian 5R	ITA 2030C- Italian Level III 3 Credits (Fall) ITA 2040C- Intermediate Italian Conversation 3 Credits (Spring)	6	St. John's University

ACADEMIC ACADEMY PROGRAM

Academic Academies are personalized learning communities that teach academic subjects with a career focus. The goal of the Academic Academy Program is to provide students with rigorous instruction that blends standard based content with the 21st century skills necessary for success in their post-secondary experiences. Currently, the high school is offering Academic Academies in Education, Fine & Performing Arts, Global Business and Entrepreneurship, Government and Law, the Medical and Health Services, STEAM, and New Media. Required courses are linked with interdisciplinary instruction and projects. Academy electives are specific to the chosen career path and help develop skills related to that career. The high school extra/co-curricular program is linked to the Academy Program as students participate in a related club and engage in shadow days, internships, and School-to-Career activities. If interested, please speak with your school counselor.

BARRY TECH (BOCES)

An option for all senior and junior high school students is to take an occupational course of study at Barry Tech (BOCES). Students spend 4 periods of the school day at the high school and the other periods attending classes at the Barry Tech campus in Westbury.

This option is for students who may want to explore vocational choices. Most courses require one or two years of study and are open to juniors and seniors. Application should be made through the Guidance Department during the sophomore year.

Nassau Tech offers programs of study in the following areas: natural and agricultural sciences, aviation and aerospace, engineering, technologies, business and information systems, electronic and emerging technologies, arts/humanities, health services, human and public services, academic support courses and programs.

NASSAU COMMUNITY COLLEGE PARTNERSHIP – FULL YEAR PROGRAM

Nassau County Community College Partnership with Baldwin High School is an innovative collaboration where Baldwin High School students can earn college-level credits at Nassau County Community College while continuing to complete New York State high school graduation requirements. Nassau County Community College's Partnership with Baldwin High School is an opportunity for high school seniors to earn college credits while having an experience of college life. Students enroll in college classes and interact with college faculty, staff, and other students. Nassau County Community College professors teach all classes, and students are integrated into classes with other Nassau County Community College students.

Enrollment in courses through Nassau County Community College's Partnership with Baldwin High School generates an official Nassau County Community College academic transcript for each student. Successfully earned credits are accepted at Nassau County Community College or can be transferred to a multitude of other colleges and universities. Acceptance of credit for college-level course work is under the domain of the receiving colleges and universities with general acceptance within State University of New York (SUNY) institutions.

Students must meet eligibility requirements and be approved by their high school counselor for admission into the program.

NEW YORK STATE GRADUATION REQUIREMENTS

REQUIRED (Core Subjects)	REGENTS DIPLOMA	REGENTS WITH ADVANCED DESIGNATION DIPLOMA
English	**4**	**4**
Social Studies	**4**	**4**
Math	**3***	**3***
Science	**3***	**3***
Health	**.5**	**.5**
Art/Music	**1**	**1**
World Languages	**1**	**3****
Physical Education	**2**	**2**
Sequence/Electives	**3.5**	**1.5**
TOTAL REQUIRED (minimum)	**22**	**22**

*Students may meet the learning standards in technology either through a course in technology education or through an integrated course combining technology with mathematics and/or science. A commencement-level course in technology education may be used as the third unit of credit in science or mathematics, but not both.

To earn the advanced designation, the student must complete **one of the following:

- **World Languages** (total of 3 credits)
- CTE (5 credits), plus one credit in a **World Languages**
- The arts (5 credits), plus one credit in a **World Languages**

Regents Diploma

SUBJECTS	CREDITS	ASSESSMENTS
ELA	4	ELA Regents Exam
Social Studies	4	Global* and US History Regents Exam
Math	3	1 Math Regents Exam
Science	3	1 Science Regents Exam
World Language	1	
Art/Music	1	
Health	.5	
PE	2	
Electives	2.5	
TOTAL	**22**	***or 1 Pathway Exam**

5 required Regents Exams with a score of 65 or better as follows:1 math, 1 science, 1 Social Studies, ELA and 1 pathway assessment OR

4 Required exams with a score of 65 or better as follows: 1 math, 1 science, 1 ELA, 1 Social Studies and meet all CDOS requirements

Regents Diploma with Advanced Distinction

SUBJECT	CREDITS	ASSESSMENT
ELA	4	ELA Regents Exam
Social Studies	4	Global and US History Regents Exam
Math	3	3 Math Regents Exams
Science	3	2 Science Regents Exam (1-Physical Science and 1-Life Science)
World Language (Or a 5-unit sequence in The Arts or CTE)	3	Approved Assessments (FLACS)
Art/Music	1	
Health	.5	
PE	2	
Electives	1.5	
TOTAL	**22**	***or 1 Pathway Exam**

Pathway Combination: (other than STEM), ELA,1 Social Studies, 3 Mathematics, 2 Science (1 life science, 1 physical science), AND either 1 Pathway (other than math or science) or meet the CDOS requirements, **TOTAL= 7 or 8 ASSESSMENTS**

STEM (Mathematics) Pathway Combination: ELA,1 Social Studies, 4 Mathematics, 2 Science (1 life science, 1 physical science), **TOTAL= 8 ASSESSMENTS**

STEM (Science) Pathway Combination: ELA,1 Social Studies, 3 Mathematics, 3 Science (1 life science, 1 physical science), **TOTAL= 8 ASSESSMENTS**

Finally—in addition student must pass a checkpoint B World Language local exam (FLACS) or complete a 5-unit sequence in the Arts or CTE.

Other Graduation Options:

For eligible students there are other options available such as a Local Diploma, a CDOS credential and a SACC credential. Your guidance counselor will explain these options if these apply to you.

There is a detailed appeals process for students who meet requirements outlined by the NYSED to obtain a Regents or Local Diploma.

The Local Diploma remains available to all students with disabilities provided they earn a score of 55-64 on one or more required Regents examinations. Furthermore, there are other criteria that can be fulfilled for a local diploma.

Regents Diploma with Honors

To earn a Regents diploma with honors, a student needs to have an average score of 90 or higher on all Regents examinations required for the Regents diploma (no rounding up is permitted). These Regents examinations are: Comprehensive English, mathematics, science, one Social Studies and one Pathway or CDOS assessment.

Regents Diploma with Advanced Designation with Honors

To earn a Regents diploma with advanced designation with honors, a student needs to have an average score of 90 or higher on all Regents examinations required for that advanced diploma (no rounding up is permitted). The advanced diploma requires all examinations for the Regents diploma and two additional mathematics Regents Exams and one additional science Regents Exam (one in physical science/the other in life science). *Note: The locally developed Checkpoint B LOTE* examination is not included in the computed average.*

Transfer Students

Students who transfer to a New York State school for the first time in grades 11 or 12 and have either one or two Regents examination(s) waived, may receive a Regents diploma with honors or a Regents diploma with advanced designation with honors. The requirements to receive a high school diploma with honors remain the same, except with a fewer number of required Regents examinations and with appropriate annotations on transcripts and permanent records.

Regents with Advanced Designation with an annotation that denotes Mastery in Math

Meets all assessment requirements for the Regents diploma with advanced designation and, in addition, scores 85 or better on each of 3 Regents examinations in mathematics.

Regents with Advanced Designation with an annotation that denotes Mastery in Science

Meets all assessment requirements for the Regents diploma with advanced designation and, in addition, scores 85 or better on each of 3 Regents examinations in science.

AP Capstone Diploma

Students who wish to pursue the AP Capstone Diploma will be required to fulfill the following:

9th – 12th Grades

Any 4 AP courses with a score of 3 or higher on the corresponding exam.

AP Human Geography
AP World History
AP US History
AP Government and Politics
AP Psychology
AP Language and Composition
AP Literature and Composition
AP Biology
AP Chemistry
AP African American Studies
AP Business Principles & Personal Finance
AP Environmental Science
AP Art History
AP Music Theory
AP French
AP Spanish
AP Italian
AP AB Calculus
AP BC Calculus
AP Statistics
AP Drawing
AP Art 2-D
AP Physics 1
AP Physics 2
AP Physics C
AP Computer Science
AP Computer Science Principles
AP Precalculus
AP Cyber Security

10th Grade

AP Seminar
With a score of 3 or higher
(in lieu of English 10H)

11th or 12th Grade

AP Research
With a score of 3 or higher
*Students are encouraged to take AP or College Statistics prior to or simultaneously with this course

AP Capstone Certificate

Alternatively, students may opt to pursue the AP Capstone Certificate and will be required to fulfill the following:

10th Grade

AP Seminar
With a score of 3 or higher
(in lieu of English 10H)

11th or 12th Grade

AP Research
With a score of 3 or higher
*Students are encouraged to take AP or College Statistics prior to or simultaneously with this course

BUSINESS EDUCATION

AND
WORK BASED LEARNING

BUSINESS DEPARTMENT

BUSINESS IN A GLOBAL ECONOMY
One-Half Credit **One-Half Year**
The Business in a Global Economy course is an introduction to what a business is, how it operates in the U.S. and other countries and how to create a persuasive business plan. Students will identify forms of ownership and the elements used in finance, marketing, human resources, sales, and business presentations. The course is designed to help students become empowered leaders through collaborations and creativity in the classroom. Students will understand how the concept of innovation and developing an idea can translate into a successful business in an ever-changing world.

MODERN MARKETING
One-Half Credit **One-Half Year**
Mastering modern marketing opens a path to success in today's technology-driven global economy. This course teaches students to develop business plans using the design thinking process while learning marketing strategies for creating impactful ad campaigns and promotional events. Students will collaborate on storyboarding and designing campaigns, applying industry standards and exploring the evolution of marketing channels. By the end of the course, they will showcase their business plans and campaigns, demonstrating both entrepreneurial and creative expertise.

SPORTS AND ENTERTAINMENT MARKETING
One-Half Credit **One-Half Year**
Whether your passion is sports or movies, music, or television, this is the course for you. Basic marketing principles will be studied and applied to these rapidly growing dynamic industries. Computer and internet applications are an essential component of this course as students will engage in a variety of hands-on activities dealing with movies, concerts, television and promoting different sports teams. Guest speakers, field trips, and online activities will broaden classroom learning.

CAREER & COLLEGE PLANNING
One-Half Credit **One-Half Year**
Students will do extensive college research and learn how to apply to potential colleges using online resources, especially College Board. In addition, college resumes, work resumes, cover letters and interview techniques used for college and job interviews are covered. Students will develop a personal portfolio, which provides a valuable reference for college and work. Students leave class with a complete digital portfolio. Guest speakers from local companies and colleges discuss their experiences and share job opportunities/internships. Students will be able to utilize computer applications and the internet on an advanced level.

COLLEGE PERSONAL FINANCE AND BUSINESS MATHEMATICS (FARMINGDALE STATE COLLEGE)
One-Half Credit **One- Half Year**
Grades 10-12
This course is designed to help students understand the financial world they will encounter, as well as prepare students for a more complex college-level business and math curriculum. The curriculum includes topics such as: payroll, taxes, budgets, savings/checking accounts, credit cards, loans, vehicle/housing costs, etc. **This course is also available for college credit through Farmingdale State College. A fee of $140.00 payable to Farmingdale State College is required for 3 college credits. Credits are transferable to most accredited colleges.**

COLLEGE ACCOUNTING (FARMINGDALE STATE COLLEGE)
One Credit **One Year**
Accounting is the "language of business". Not only is it a usual course required in college, but it also aids in the use of money in everyday life. This course is designed for all students who plan to enter business careers in fields such as accounting, banking, sales and credit management and small business ownership. The purpose of the course is to give students training in the fundamental principles of accounting and to

broaden the students' general business background. The use of computers is an essential part of this course. **This course is also available for college credit through Farmingdale State College. A fee of $150.00 payable to Farmingdale State College is required for 3 college credits. Credits are transferable to most accredited colleges.**

COLLEGE BUSINESS MANAGEMENT (FARMINGDALE STATE COLLEGE)
One Credit **One Year**
Want to be a leader? This course covers the theory and practice of management and organizational dynamics with emphasis on meeting the challenges of a changing workplace environment. Topics include: the managerial functions of planning, organizing, staffing, leading and controlling and the study of personal and group behavior in organizations. Course themes are diversity in the workplace, globalization, ethics and social responsiveness, changing technology and effective management of these challenges. **This course is also available for college credit through Farmingdale State College. A fee of $140.00 payable to Farmingdale State College is required for 3 college credits. Credits are transferable to most accredited colleges.**

VIRTUAL ENTERPRISE*
One Credit **One Year**
With an emphasis on college and career readiness, V.E. is an in-school, live, global business simulation that offers students a competitive edge through project-based, collaborative learning and the development of skills in entrepreneurship, global business, problem solving, communication, personal finance, and technology. Drawing on the European tradition of apprenticeships, this multidimensional, experiential learning model, which is part of a global network of student-run businesses in over 40 countries, transforms high school students into independent-thinking business professionals and their classrooms into offices. In addition to giving students a head start on jobs and careers, V.E. reinforces students' academic skills and achievement, reignites their interest in education, and raises their desire to graduate and pursue lifelong learnings. Through developing and managing businesses, students not only stay in school, but gain expertise in problem-solving, decision-making, communication, collaboration, technology, and accessing, using and analyzing information – skills that are key to success in both college and careers.
***This course counts as Economics credit.**

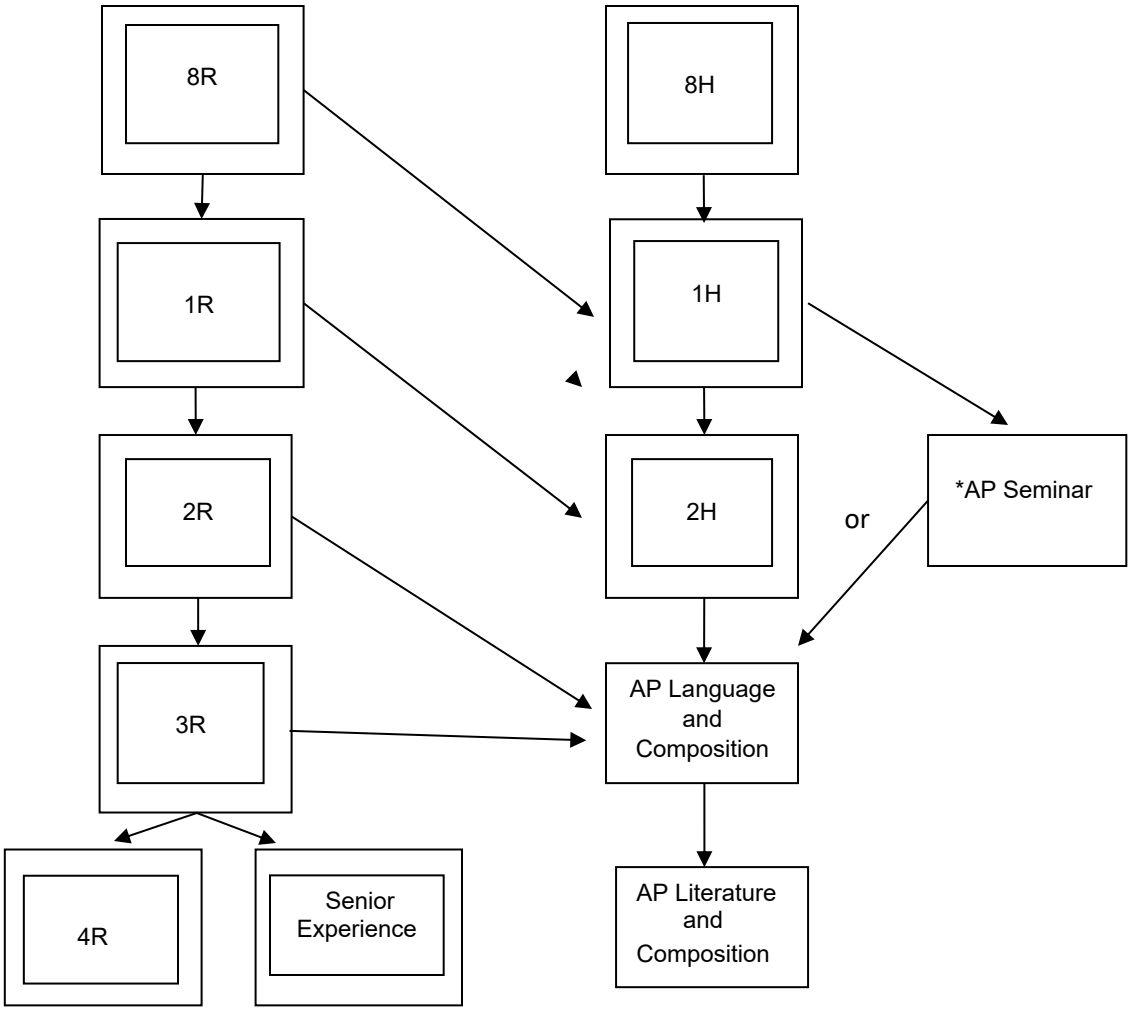
ADVANCED PLACEMENT BUSINESS AND PERSONAL FINANCE
One Credit **One Year**
AP Business with Personal Finance is a yearlong high school business and personal finance course that aligns closely with a college-level introduction to business course. Students explore the business disciplines of entrepreneurship, marketing, finance, accounting, and management through real-world business applications, case studies, and project-based learning. In addition, students learn and apply all the National Standards for Personal Financial Education created by the Council for Economic Education and the Jump$tart Coalition for Personal Financial Literacy. AP Business with Personal Finance is part of the AP Career Kickstart™ group of courses, which are designed to accelerate high school students on their paths to in-demand careers.

SENIOR INTERNSHIP
One Credit **One Year**
The Senior Internship Program will provide the opportunity for a limited number of students to pursue a one-credit independent, non-paid internship experience. This course will allow students to link their interests and preferences to career and research exploration. They will gain expert advice on the job search process and insight to the career field, while learning about a particular area of interest. The Senior Internship course will enable students to discover the right college major and learn how to make the most of a workplace experience. Students wishing to enroll in this class must fill out an application and interview with the internship coordinator. Students will learn research, resume writing, interview, and presentation skills. After all students are placed at the professional site, they will be required to attend a seminar class one day a week where they can discuss their internship and prepare for an end-of-the-year presentation.
NOTE: Depending on the student's interning choice, evening, weekend and/or vacation commitments may be required. Transportation to and from the workplace must be provided or arranged by the student.

SENIOR EXPERIENCE
Three Credits (English, Social Studies, and Elective) **One Year**
Prerequisite: Completion of Senior Experience Application
The Senior Experience course will provide students with out-of-school opportunities to obtain hands-on experience in their field of interest, completing at least 80 hours of internship experience during the school year. Students will gain a unique, inside view of their career interest in combination with their Academic Academy program. This unique three credit course will satisfy the New York State Graduation Requirements for English and social studies, while providing students with real world career experiences through internship experiences in their field of interest. Students will alternate in-person instruction with an internship experience that will take place during the school day, periods 7-9. Students are responsible for keeping a journal of their experiences and a time log of the hours spent with their mentor. Additionally, internship students will participate in the LTI exhibition and complete a capstone project.

WORK BASED LEARNING
Up to Two Credits
Independent Study
Cooperative Work Based Learning matches you with on-the-job training. The purpose of the program is to allow you to practice, in the work world, the skills you have mastered in high school. The work experience will give you a much greater understanding of your talents and skills. Student employment is monitored and evaluated. Students must successfully complete their business, technology or family and consumer science course for credit. You must provide your own transportation to and from the job. You may take a full day of academic classes and then report to work after your class. A great amount of program flexibility allows you to participate in sports and club programs.

ENGLISH DEPARTMENT



Elective Credit: English SAT/ACT Prep. (Semester 1…January SAT; Semester 2…. May ACT)
Investigative Journalism, Film Studies, Theatre Arts 1

*AP Capstone Diploma upon completion of AP Seminar, AP Research and 4 AP classes (see page 10)

AP Seminar and Research Certificate upon completion of AP Seminar and AP Research

ENGLISH DEPARTMENT

ENGLISH 1R/H
One Credit **One Year**
English I is a first-year course of a four-year sequence in English and is required for high school graduation. Based on the themes of identity and choice, students read a range of texts across genres designed to promote critical literacy and build mastery in listening, speaking, reading and writing for information and understanding, literary response and expression, critical analysis and evaluation. Literary works studied include Just Mercy, Romeo and Juliet, The Kite Runner, a selection of book club texts focusing on multiple voices and perspectives, and a variety of short stories and poetry. Students will submit a research paper, formal writing assignments, and project-based assessments.

ENGLISH 2R/2H
One Credit **One Year**
Prerequisite: English 1R/H respectively.
Students continue to build on the skills and concepts from English I in this course, the second year of a four-year sequence, which is required for graduation. The curriculum emphasizes a critical and analytical approach to literature, focusing on poetry, drama, short stories, and novels. English 2R continues to emphasize the development of language and reading skills with a focus on developing the *Lifelong Practices of Readers and Writers* both in school and in the community. Students study the craft of memoir and poetry and engage in inquiry-based research, argument writing, formal writing assignments, and project-based assessments. Readings for this course span a variety of genres including *Night*, *Persepolis*, *Julius Caesar*, and in book clubs that focus on multiple perspectives.

ENGLISH 3R
One Credit **One Year**
Prerequisite: English 2R/H
English 3R course continues to build on the preceding work of English I and II. It is divided into thematic units and emphasizes vocabulary development and analytical reading and writing across various literary genres. Readings for this course include Macbeth, Passing, Fences and a deep study of global memoir in book clubs, as well as poetry, informational text, and short stories. Students will complete a range of formal writing assignments and project-based assessments. This course culminates in the New York State ELA Regents Exam, which is a graduation requirement.

ENGLISH 4R/ COLLEGE ENGLISH 101 & ENGLISH 102
One Credit **One Year**
Prerequisite: English 3R
The first semester of this course (ENG101) prepares students to produce clear, well-developed, well-organized, grammatically correct writing. The curriculum is designed to give students guided practice in drafting, revising, and editing essays. The course is also designed to develop the skills that enable students to interpret and analyze published texts. In addition to readings assigned in class, students respond to texts they locate themselves through research and write at least one documented or research essay.

The primary goal of English 101 is to respond orally and in writing to texts, primarily nonfiction. A further goal is to compose essays that support and develop a point of view, using a variety of composing strategies. As part of this process, students explore, develop, and confirm ideas in the course of communicating them. Students have the option to earn three college credits during the fall semester.

The second semester (ENG102) is designed to provide students with a rigorous study of various genres of literature. Students will develop the ability to read and write critically through the intensive study of multiple works of literature, media, and technology. Students will work collaboratively to develop a global perspective aligned with both fiction and non-fiction works of literature. Reading and writing will be developed through critical investigations of various literary genres. Readings include, The Other Wes Moore, The Crucible, A Streetcar Named Desire and a novels-in-verse book club study. Students will submit a research paper,

formal writing assignments, and various project-based assessments. **This course is also available for college credit through Nassau Community College.**

GRADE 10-12 ELECTIVES:

AP SEMINAR
One Credit **One Year**
The AP Capstone Seminar course is an inquiry-based, research-driven course that engages students in cross-curricular conversations that explore real-world topics and issues from multiple perspectives. This course is designed around the following essential skills and their development— critical thinking and reasoning, critical reading, inquiry and research, argumentation, communication, and collaboration. Students in this course will be working collaboratively toward the completion of a team research project and presentation, an individual research-based essay and presentation, and an end-of-course examination administered by the AP College Board. This course places great emphasis on reading, writing, and presentation both in and out of class.

ADVANCED PLACEMENT ENGLISH LANGUAGE AND COMPOSITION
One Credit **One Year**
Prerequisites: English 2H or 3R and Teacher Recommendation
Focusing on the study of selected multicultural works with an intense concentration on language, this course prepares students for the Advanced Placement Exam in Language and Composition. Emphasis is placed upon the four discourse modes: narration, exposition, argumentation, and description. Students will submit a research paper and develop a writing portfolio. Students will be prepared for the New York State ELA Regents Exam. **ADVANCED PLACEMENT EXAMINATION IN MAY IS REQUIRED.**

ADVANCED PLACEMENT ENGLISH LITERATURE AND COMPOSITION
One Credit **One Year**
Prerequisites: AP English Language and Composition and Teacher Recommendation
This course is designed to provide students with a rigorous study of various genres of literature. Students will develop the ability to read and write critically, through the intensive study of multiple works of literature, media, and technology. Students will work collaboratively to develop a global perspective aligned to both fiction and non-fiction works of literature. Reading and writing will be developed through critical investigations of various literary genres. Students will submit a research paper, formal writing assignments, and project-based assessments. **ADVANCED PLACEMENT EXAMINATION IN MAY IS REQUIRED**.

INVESTIGATIVE JOURNALISM
One-half Credit **One-half Year**
Grade: 10
Prerequisites: Media and Video Production
Investigative Journalism invites students to explore the process, purpose, and ethical responsibilities of in-depth reporting. Through a combination of critical reading, research, interviewing, and storytelling, students will examine how journalists source and develop their news stories, analyze public documents, and construct compelling narratives that shape public understanding.
Students will learn professional journalistic techniques— reporting, source evaluation, ethical decision-making, and long-form story development—and apply them to produce their own investigative piece. By the end of the course, students will understand and practice the essential skills required for high-level journalism in a digital and democratic society.

SAT/ACT PREP (English and Mathematics)
¼ Credit Math and ¼ Credit English **One-half Year**
Students in grades 10-12 will be presented with instruction, strategies, and practice exams as preparation for the SAT/ACT exams for English and Mathematics on an alternate day schedule meeting with a teacher from both departments. This course is graded, and a graphing calculator is required. Students must take the SAT/ACT exam prior to completion of this course.

THEATRE ARTS 1
One Credit **One Year**
Grades 11-12
Prerequisites: Art 1 or any Music Ensemble and Stage Crafts and Entertainment Technology
Theatre is a collaborative and dynamic art form. Students will learn basic theatre principles in stage movement, voice, and diction. Students will study the work of various playwrights, musicals, the history, and of theatre. Students will have the opportunity to write original scenes, develop improvisational techniques, and develop acting and directing skills for performances. Taking this class results in the development of both theatre and life skills; the building of confidence, creativity, and working with others.

FILM STUDIES: INTRODUCTION TO FILM STUDIES
One-half Credit **One-half Year**
Grades: 11 – 12
Prerequisite: Media and Video Production and Investigative Journalism
Film Studies: Introduction to Film Studies is a one-semester course designed to introduce students to the academic study of film as a literary and artistic medium. Through reading, analyzing, and writing about film, students will develop the critical vocabulary and analytical skills used in college-level film studies.
This course emphasizes film criticism, visual literacy, analytical writing, and interpretation, preparing students for college humanities coursework while deepening their understanding of film as text.

INTRODUCTION TO TEACHING
One-half Credit **One-half Year**
This course will introduce students to the field of teaching. Topics include current learning standards, lesson plan components, the realities of teaching as a career, certification requirements, professional expectations, and an introduction to teaching strategies. This course will provide students with field experience and to create and present units of study. Students will create lesson plans for the age group of their preference, visit elementary schools to teach students and participate in Shadow Days where students get unique hands-on experiences in early childhood education, along with teacher observations and the opportunity to network.

COLLEGE CRITICAL ISSUES IN EDUCATION (MOLLOY UNIVERSITY)
One Credit **One-half Year**
Grades 11-12
Prerequisite: Contemporary Topics in Education
The course is the second in a sequence of courses within the Education Academy. It is designed to provide a framework for critical examination of current issues affecting the modern classroom. Teacher candidates will learn to analyze and evaluate contemporary educational issues and research ideas based upon the knowledge gained in the course. The course provides an overview of education as an evolving system, an area of study and a field for professional growth. This course can be taken for dual enrollment credit through Molloy College.

ENGLISH AS A NEW LANGUAGE (ENL)

The English as a New Language program is an academic program for students whose native language is not English. The purpose of the program is to support all English learners at every stage of language acquisition. Our goal is to provide our students with rich learning opportunities through which they can learn how to listen, speak, read and write in English, as well as learn academic content in mathematics, science, social studies and the arts.

ENL STAND ALONE
During Stand Alone ENL, Entering and Emerging students who are only beginning to learn English will work in small groups with an ENL teacher on acquiring basic English skills. The focus is on building basic vocabulary, literacy, and communication skills. Stand Alone teachers will also preview or review material from content areas in order to support students in their content classes. Entering students will receive two periods of Stand Alone ENL and Emerging students will be scheduled for one period.

INTEGRATED ENL: (ENGLISH, SOCIAL STUDIES, SCIENCE AND MATH)
During Integrated ENL, Transitional, Expanding and Commanding ENL students will be in an English, Social Studies, Science or Math class specially designed with the needs of ENL students in mind. These classes may have either one dually certified content area and ESOL teacher, or two teachers: one ENL teacher and one content area teacher. Classroom instruction is designed to ensure that English language learners are receiving meaningful input that allows them to learn new content. The focus of Integrated ENL is to allow students to learn high school content while they develop language skills in English. The number of Integrated ENL classes that a student can be enrolled in depends on their age and language level.

FAMILY AND CONSUMER SCIENCE DEPARTMENT

FAMILY AND CONSUMER SCIENCE

The Family and Consumer Science Department provides Baldwin's students with the opportunity to explore and develop personal and career knowledge and skills in the fields of human development, culinary arts (foods), and fashion and interior design. Introductory courses are offered in each area and students may then go on to select a strand (concentration) to develop and master skills in their chosen field.

SOME COURSES ARE OFFERED ON A ROTATING BASIS.

CULINARY ARTS 1
One–half Credit **One-half Year**
Prerequisite: None – Open to 10th through 12th graders This introductory course provides students with foundational culinary skills and knowledge essential for success in the kitchen. Students will learn basic cooking techniques, kitchen safety, sanitation practices, and proper use of tools and equipment. Through hands-on cooking labs and guided instruction, they'll explore simple recipes while building confidence and creativity in food preparation. The course also introduces elements of nutrition, meal planning, and food presentation. No prior experience is needed—just a passion for learning and a love of food!

ADVANCED CULINARY ARTS
One-half Credit **One-half Year**
Prerequisite: Culinary Arts
Students will build on the skills developed in Culinary Arts. They will perfect more advanced techniques and those requiring greater speed and delicacy in preparation. The students will prepare whole meals and participate in the selection of foods experiences based on their skills and achievements.

BAKING
One- half Credit **One-half Year**
Prerequisite: Culinary Arts
Unleash your inner baker in our exciting half year Baking course! From breads to pastries, this class covers it all. Gain hands-on experience making a variety of baked goods, including breads, cakes, cookies, pastries and a variety of different desserts. Learn professional baking techniques for decorating and presenting your creations and discover the secrets of perfect dough. Whether you are a beginner or a budding pastry chef, this course will elevate your baking skills in the kitchen through project-based learning experiences.

INDEPENDENT LIVING
One-half Credit **One-half Year**
(Juniors and Seniors only)
Independent Living is life after high school. It gives students real life experience and knowledge to become a successful participant of our society and community. We touch on topics such as writing a resume, careers, renting an apartment, buying a car, interpersonal relationships, budgeting, financial management, and a healthy lifestyle. Don't leave home without this course!

FASHION 1/FUNDAMENTALS OF FASHION AND CLOTHING CONSTRUCTION
One-half Credit **One-half Year**
This is an introductory course to clothing and garment construction. This course is required as a prerequisite for all additional fashion courses. Students construct two garments throughout the course. Students integrate their skills at pattern drafting with garment construction processes to create their own pattern for a reversible, lined tote bag. For the second garment, students construct a pair of shorts, following an industry-standard pattern which uses elastic as a waistband. Students must demonstrate their ability to follow a pattern independently, along with navigating the sewing machine and cotton fabrics. Students demonstrate their understanding of design by incorporating shaping techniques such as darts, pleats, gathering and much more. Students will also learn the proportions and techniques for sketching the nine-head figure.

FASHION 2/ADVANCED CLOTHING CONSTRUCTION
One-half Credit **One-half Year**
Prerequisite: Fashion 1
This course requires the completion of Fashion 1. Learners will use sketching techniques, sewing and construction techniques, combined with computer skills to communicate design concepts and develop a professional digital portfolio of work. This portfolio allows students to explore creative and practical techniques to enhance their marketability and appeal of their portfolio. They will construct two garments. The first garment will develop fundamental knowledge of stretch fabrics by creating a stretch top. Using the principles of design, students will construct the garment following a pattern. Students will alter and modify patterns to create a unique design. The second garment constructed will be of a bottom, requiring knowledge of a variety of different closures such as zippers, buttons, and finishes. Students will finish all seams using high quality seam finishes.
Please Note: Purchasing fabric is required for two projects.

FASHION 3/DETAILED GARMENT ASSEMBLY
One-half Credit **One-half Year**
Prerequisite: Fashion 1
This course requires the completion of Fashion 1. Students apply basic elements of design and expand their creativity by examining social, artistic, and historical influences as they relate to the development of a group and/or collection through clothing construction. Designers continue to build a professional digital portfolio that enhances their marketability for employment and/or continued education. Building on construction skills, students will create two independent garments, following advanced finishing techniques, closures and fabrics.
Please Note: Purchasing fabric is required for two projects.

INTERIOR DESIGN
One-half Credit **One-half Year**
Students will learn the basic skills and techniques of the interior designer or architect. They will apply basic design concepts and techniques to environments and explore how those decisions affect the individuals who use those spaces. How choices affect others and their impact on ecology will be studied. Function combined with beauty produces the best designs.

INTERIOR DESIGN II
One-half Credit **One-half Year**
Prerequisite: Interior Design 1
Interior design II is a half-year hands-on, project-based course that builds on the foundations of Interior Design I. Students will advance their skills in drawing elevations, creating 3D models, and refining spatial planning while learning to communicate their ideas visually. The course emphasizes creativity, technical ability, and professional presentation, culminating in a digital portfolio that prepares students for college applications or careers in interior design.

FINE ARTS DEPARTMENT

FINE ARTS

ART SEQUENCE COURSES
*** Indicates a career academy recommended option**

***ART 1 – STUDIO IN ART**
One Credit **One Year**
Prerequisite: None
Got Art? This fun introductory course is designed for all abilities and grades. This exciting course gives the students a perfect opportunity to experience a wide variety of art materials, including drawing pencils, pen and ink, charcoal, clay, pastel, watercolor, and acrylic paint. Art 1 is the perfect way to fulfill your one-year art requirement while building your art skills to venture into our Art sequence courses offered at Baldwin High School.

***ART 2 – STUDIO IN DRAWING, PAINTING AND DESIGN**
One Credit **One Year**
Prerequisite: Studio in Art (Art 1)
Got Art Two? Art Two is our next creative adventure in our 5-year Art sequence at Baldwin High School. Art Two focuses on advance drawing and painting techniques. Students learn how to build dynamic compositions while creating successful design solutions. Students will be introduced to the great artists throughout history who will also inspire students to create their own new masterpieces. Sketchbooks are required.

***ART 3H – ADVANCED ART (Honors)**
One Credit **One Year**
Prerequisite: Art 2
Art 3H continues the student's creative journey, focusing on new advanced drawing and advanced painting skills. Students will be introduced to creative problem solving and explore critical thinking skills in relationship to their art. Students work from life observation, with diverse media and layering techniques. This course is an exciting pre-requisite to Art 4H and will prep students with the appropriate skills and tools for the completion of a portfolio in our Art sequence. Sketchbooks are required.

***AP Drawing/Art 4H**
Two Credits (Double Period) **One Year**
Prerequisites: Art 3H Seniors only
The last stop in our art sequence is Art 4. Focusing on advance concepts in drawing, painting, printmaking and various mixed media, this intensive double period art course prepares the student for the completion of an 10–15-piece portfolio. There is strong emphasis on critical and analytical thinking skills, art history discussions and class critiques. Students will have the opportunity to take the Advanced Placement Studio in Art: Drawing Portfolio. All students will create a digital portfolio that will enhance their college admissions process. Sketchbooks are required.

***ADVANCED PLACEMENT ART HISTORY**
One Credit **One Year**
Prerequisite: None – Open to 10th through 12th graders
What is the story behind the Mona Lisa? Why is Starry Night so famous? Learn the answers to these questions and many, many more in Advanced Placement Art History. This course is an in-depth, chronological survey of painting, photography, architecture, and sculpture. During this course, you will examine art in ways that go far beyond what you have experienced thus far at the high school level. In addition, throughout this course, we will seek to answer these broad questions: How have the visual arts changed the world in the past, and how are the visual arts still changing the world today? By the end of the course, you will be better able to understand and contemplate the connected human experience despite differences in time and distance. No technical art skills are required. You may also earn advanced placement credit. **THE ADVANCED PLACEMENT EXAMINATION IN MAY IS REQUIRED.**

AP 2-D DESIGN (PHOTOGRAPHY, IMAGING ART)
One Credit **One Year**
Prerequisite: Creative Art or Art 1 and Photo 2 or Advanced Computer Graphics
The AP 2-D Design (Photography, Imaging Art) course is equivalent to a two-semester introductory college course that enables students to develop a cohesive body of work investigating a strong underlying visual idea in 2-D design that grows out of a coherent plan of action or investigation. The course teaches students a variety of concepts and approaches so that the student is able to demonstrate a range of abilities and versatility that can be demonstrated through either the use of one or the use of several media. The course promotes a sustained investigation of all aspects of portfolio development.

ART ELECTIVES
***Indicates a career academy recommended option**

***CREATIVE ART**
One-half Credit **One-half Year**
Prerequisite: None – Open to 10th through 12th graders
Students will learn to draw, paint, sculpt and design while utilizing a variety of art mediums. This course is ideal for students who cannot fit a full Year of Art 1 in their schedule but would like the opportunity to be creative.

***CARTOONING**
One-half Credit **One-half Year**
Prerequisite: None- Open to 10th through 12th graders
Learn how to draw characters, develop story lines and comic strips in a variety of styles. Marvel, D.C. and Manga are just a few of the inspired genres we address in the cartoon world.

***SCULPTURE**
One-half Credit **One-half Year**
Prerequisite: None- Open to 10th through 12th graders
Clay, wire, plaster, cardboard and found object are some of the mediums the students will use to create their 3-D masterpieces from. Students will learn techniques and proper practice creating sturdy and aesthetically pleasing sculptures.

***AIRBRUSH PAINTING AND TECHNIQUE**
One-half Credit **One-half Year**
Prerequisite: None - Open to 10th through 12th graders
This popular elective shows students how to properly use the airbrush incorporating various techniques on different surfaces. Students will learn how to spray, blend and create new tonal values, fabric designs, T-shirts, sweatshirts, shorts and tank tops. Cleaning and maintenance of materials, techniques and special effects are learned throughout the course.

***COMPUTER GRAPHICS**
One-half Credit **One-half Year**
Prerequisites: None – Open to 9th through 12th graders
Computer Graphics is an introductory course in graphic design. Students will use the latest Adobe Creative Suite software in our new Digital Media Lab. Students will work on iMac computers in a professional setting learning skills for the 21st Century. The course will focus on basic graphic design principles while they use Photoshop to explore tools and techniques, photo manipulation, color correction, cropping, filters & adjustments, composite imaging, character design, typography and logo design.

***ADVANCED COMPUTER GRAPHICS**
One-half Credit **One-half Year**
Prerequisites: Either Computer Graphics, Photo 3, or Media Production
Students will build on their knowledge of Computer Graphics to create artwork on a professional level in our new Digital Media Lab. Students will explore the latest features of the Adobe Creative Suite and expand their knowledge of Photoshop. Illustrator and InDesign will be used for typography, logo design, and product

development. Students will learn how to use the latest graphic design software, printers, scanners and Wacom tablets.

***SILK-SCREEN (and other printmaking)**
One-half Credit **One-half Year**
Prerequisite: None – Open to 10th through 12th graders
The course introduces the students to the world of printmaking. They will learn the process of making, preparing and printing multiple images on a variety of surfaces including t-shirts. Each student will construct his/her own screen and stencil for printing.

***PHOTOGRAPHY 1**
(Introduction to Photography)
One-half Credit **One-half Year**
Materials required: Digital camera
Photography 1 is an introductory course where students will learn to take professional photos and operate a DSLR digital camera. Students will learn computer skills in a state-of-the-art photography iMac lab. They will be introduced to several programs in Adobe Creative Cloud. They will be editing their photos in Photoshop and gain valuable experience. Students will learn how to prepare their photographs to be published in New Media such as Instagram and Flickr. Photography 1 may be used to satisfy a one-half unit requirement for art and/or music.

***PHOTOGRAPHY 2 (Altered Photography)**
One–half Credit **One-half Year**
Prerequisite: Photography 1
Materials required: Digital camera
Photography 2 is a course that teaches advanced techniques in Adobe Photoshop and other photo editing software. Students will improve their photo shooting skills. Students will explore experimental and artistic photography. Photography 2 may be used to satisfy a one-half unit requirement for art and/or music.

***PHOTOGRAPHY 3**
(Portfolio Development)
One-half Credit **One-half Year**
Prerequisite: Photography 2
Materials required: Digital camera
Photography 3 is a highly individualized course in advanced photography. Students perfect their skills and develop a personal style. Career options and portfolio development will be a major part of the course. Photography 3 may be used to satisfy a one-half unit requirement for art and/or music.

***PHOTOGRAPHY 4**
(Portfolio Completion)
One-half Credit **One-half Year**
Prerequisite: Photography 3
Materials required: Digital camera
Photography 4 is a career and college preparatory course designed to focus student portfolio development to completion for professional and post-secondary applications.

HEALTH EDUCATION/ PHYSICAL EDUCATION

HEALTH EDUCATION
One-half Credit **One-half Year**
This one semester course is required by New York State and recommended for sophomores. For additional information about the Health course, consult the Health Education Department or the Guidance Department.

The Teenage Health Teaching Modules will now be used as our core curriculum. The units to be covered are:

- Introduction to Health and Wellness
- Fitness and Nutrition
- Mental Health
- Drugs & Alcohol
- Human Sexuality

NOTE: Portions of the Understanding Sexuality and Preventing AIDS units can be elective units of study. Parents/Guardians may request in writing, exclusion from parts of these units by contacting the building principal. Students not taking these units of study will be provided with supplemental work.

MINDFULNESS
One-half Credit **One-half Year**
Mindfulness is a health elective which focuses on stress management, coping with life's daily demands, improving self-focus and engaging in guided and individual meditation. This course also allows students to learn about the health benefits of practicing mindfulness daily, and the long-term improvements it has on the human brain. Students will also explore and participate in activities that are proven to decrease anxiety and stress.

PHYSICAL EDUCATION DEPARTMENT

The following courses are conducted utilizing appropriate classes and specially designed courses of study for students. The content of the program is geared to involve students in individual and dual sports activities in an effort to foster lifetime sports participation and a healthy lifestyle. The goal of the program is to develop the individual aspect of growth – physically, mentally, emotionally, and socially. Classes meet on day A or day B.

INTRO TO PE - Grade 9
One-half Credit **One Year**
A course designed for freshman students which provides the opportunity to experience a sampling of units from the curriculum. The shortened units are skill based and focus on the development of basic sport, fitness and social skills. Proper attire required.

PHYSICAL EDUCATION – Grade 10, 11, 12
One-half Credit Per Year **Two Years**
A course designed for sophomore, junior and senior students which provides opportunity for the selection and exploration of team sports such as Basketball, European Handball, Floor Hockey, Softball, Tennis, Touch Football, and Volleyball. Students will also have the opportunity to participate and explore individual sports and fitness activities such as Badminton, Jogging, Step Aerobics, Yoga, and Personal Fitness in the Weight Room. Appropriate attire required.

B & G SOCCER OFFICIATING COURSE – Grade 12

One-half Credit **One-half Year**

The Soccer Sports Officiating Course is a Physical Education Course for seniors interested in obtaining certification as a soccer official. Students will learn the rules of soccer and proper officiating mechanics. Students participating in this course will be prepared and have a better understanding of the role and responsibilities of a soccer official. Upon completion and passing of the class, students will qualify to sit and take the Nassau County Section VIII BOCES Soccer Officials Written Exam. Director for Physical Education must approve students' enrolment in this course.

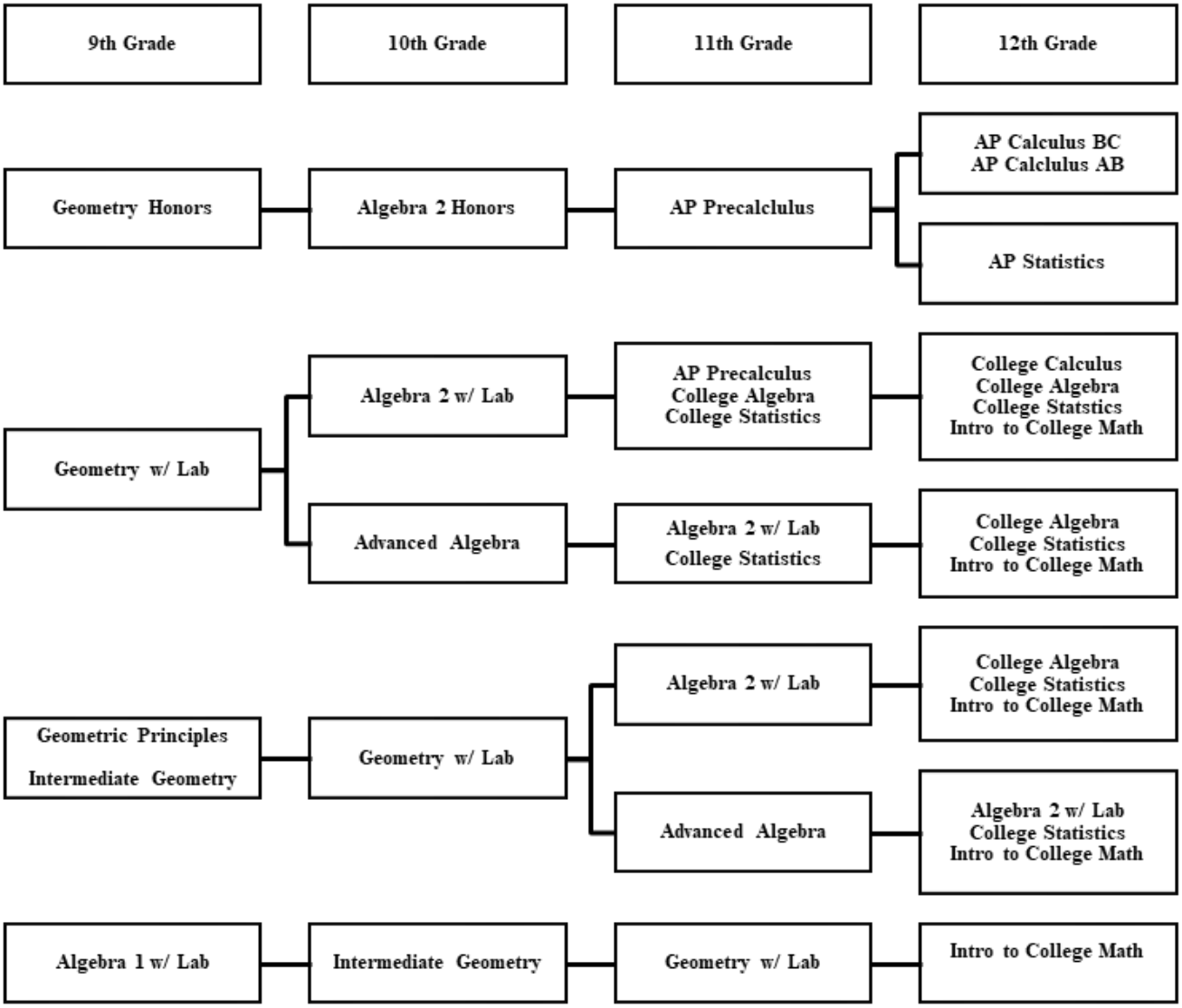
VOLLEYBALL OFFICIATING COURSE – Grade 12

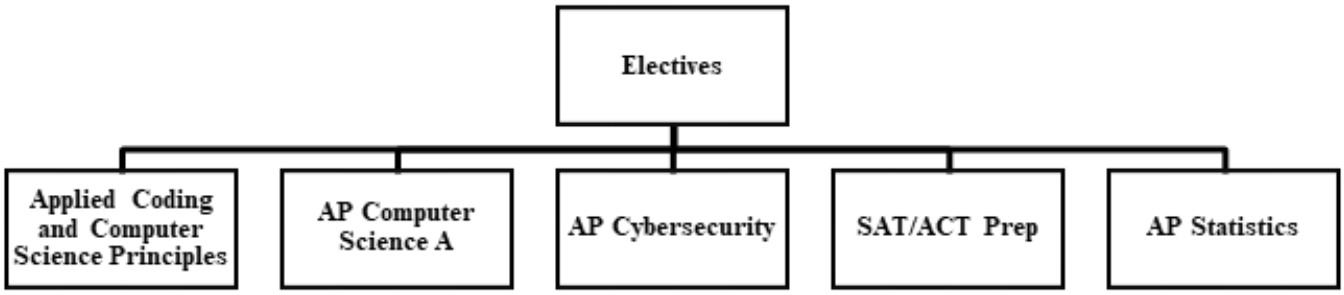
One-half Credit **One-half Year**

The Volleyball Sports Officiating Course is a Physical Education Course for seniors interested in obtaining certification as a volleyball official. Students will learn the rules of volleyball and proper officiating mechanics. Students participating in this course will be prepared and have a better understanding of the role and responsibilities of a volleyball official. Upon completion and passing of the class, students will qualify to sit and take the Nassau County Section VIII BOCES Volleyball Officials Written Exam. Director for Physical Education must approve students' enrolment in this course.

MATHEMATICS DEPARTMENT

Suggested Course Pathways





MATHEMATICS DEPARTMENT

ALGEBRA I WITH LAB
One Credit **One Year**
In the course Algebra I, the focal point is functions; specifically linear, quadratic, and exponential functions. Students interpret functions represented graphically, numerically, symbolically, and translate between representations. Students display and interpret graphical representations of data. A lab period is attached to the class every other day. Students will take the Algebra I Regents in June. Graphing calculator is required.

INTERMEDIATE GEOMETRY
One Credit **One Year**
Prerequisite: Algebra I
This course is designed for students who may have had some difficulty in Algebra 1. Students who passed the Algebra 1 course but failed the Algebra 1 Regents will take this course to prepare them for the Algebra 1 Regents in January. The second half of the year students will be presented with topics to prepare them for Geometry and students who successfully complete this course will then continue to Geometry. A school final exam is given in June. Graphing calculator is required.

GEOMETRIC PRINCIPLES
One Credit **One Year**
Prerequisite: Algebra I
This course is designed for students who may have had some difficulty in Algebra 1. Students who passed the Algebra 1 course but scored a 65 – 69 on the Algebra 1 Regents will take this course to prepare them for Geometry the following year. Students will analyze two- and three-dimensional space and figures using distance, angle, similarity, and congruence, and understand and apply the Pythagorean Theorem. A school final exam is given in June. Graphing calculator is required.

GEOMETRY HONORS
One Credit **One Year**
Prerequisite: Algebra I
This course presents Geometry topics. In this course it is expected students will identify and justify geometric relationships, formally and informally. The concepts of congruence, similarity, and symmetry are explored. Students develop an understanding of the attributes and relationships of two- and three-dimensional geometric shapes that can be applied in diverse contexts. Students will take the Geometry Regents in June. Graphing calculator is required.

GEOMETRY WITH LAB
One Credit **One Year**
Prerequisite: Algebra I
This course presents Geometry topics at a more deliberate pace. A lab period is attached to the class every other day. In this course it is expected that students will identify and justify geometric relationships, formally and informally. Students develop an understanding of the attributes and relationships of two- and three-dimensional geometric shapes that can be applied in diverse contexts. Students will take the Geometry Regents Exam in June. Graphing calculator is required.

ADVANCED ALGEBRA
One Credit **One Year**
Prerequisite: Geometry
This course is designed for students who may have had some difficulty in Geometry. Students who passed the Geometry course but failed the Geometry Regents will take this course to prepare them for the Geometry Regents in January. The second half of the year students will be presented with topics to prepare them for Algebra 2 and students who successfully complete this course will then continue to Algebra 2. A school final exam is given in June. Graphing calculator is required.

ALGEBRA 2 HONORS
One Credit **One Year**
Prerequisite: Geometry
In the course Algebra 2, students build on their knowledge of linear, quadratic, and exponential functions and extend their learning into other functions such as polynomial, rational, radical, and trigonometric functions. Students will take the Algebra 2 Regents in June. Graphing calculator is required.

ALGEBRA 2 WITH LAB
One Credit **One Year**
Prerequisite: Geometry
In the course Algebra 2, students build on their knowledge of linear, quadratic, and exponential functions and extend their learning into other functions such as polynomial, rational, radical, and trigonometric functions. A lab period is attached to the class every other day. Students will take the Algebra 2 Regents in June. Graphing calculator is required.

ADVANCED PLACEMENT PRECALCULUS
One Credit **One Year**
Prerequisite: Algebra 2
Students will engage with the mathematical practices of procedural and symbolic fluency, multiple representations, and communication and reasoning in the learning of advanced placement precalculus. Major units of study include polynomial, rational, exponential, logarithmic, trigonometric, and polar functions. **Students will take a school-based final examination in June and the Advanced Placement Exam in May.** Graphing calculator is required.

ADVANCED PLACEMENT CALCULUS BC
One Credit **One Year**
Prerequisite: AP Precalculus
This course begins with the study of functions and limits and will continue exploring differential and integral calculus. This course will also explore topics of analytic geometry and infinite sequences and series. This course prepares students for the Calculus BC level of the Advanced Placement Exam. A minimum of 1 hour per night of studying is necessary. **Students will take a school-based final examination in June and the Advanced Placement Exam in May.** Graphing calculator is required.

ADVANCED PLACEMENT CALCULUS AB
One Credit **One Year**
Prerequisite: AP Precalculus
This course begins with the study of functions and limits and will continue exploring differential and integral calculus. This course prepares students for the Calculus AB level Advanced Placement Exam. A minimum of 1 hour per night of studying is necessary. **Students will take a school-based final examination in June and the Advanced Placement Exam in May.** Graphing calculator is required.

ADVANCED PLACEMENT STATISTICS
One Credit **One Year**
Prerequisite: Algebra 2
AP Statistics is the high school equivalent of a one semester, introductory college statistics course. In this course, students develop strategies for collecting, organizing, analyzing and drawing conclusions from data. There are four themes in this course including exploring data, sampling and experimentation, anticipating patterns, and statistical inference. Students use technology, investigations, problem solving, and writing as they build conceptual understanding. To develop effective statistical communications skills, students are required to prepare frequent written and oral analyses of real data. A minimum of 1 hour of studying per night is necessary. **Students will take a school-based final examination in June and the Advanced Placement Exam in May.** Graphing calculator is required.

ADVANCED PLACEMENT COMPUTER SCIENCE A
One Credit **One Year**
Prerequisite: Algebra 1
This course is a full-year course of study. Students who successfully complete this course will earn one Math credit and will receive Honors/AP track weighting. This is an introductory college-level computer science course. Students cultivate their understanding of coding through analyzing, writing, and testing code as they explore concepts like modularity, variables, and control structures. **Students will take a school-based final examination in June and the Advanced Placement Exam in May.**

ADVANCED PLACEMENT CYBERSECURITY
One Credit **One Year**
Prerequisite: Algebra 1
This course is a full-year course of study. Students who successfully complete this course will earn one Math credit and will receive Honors/AP track weighting. This is an introductory college-level cybersecurity course. Students learn about common threats, vulnerabilities, and how they create risk, as well as how individuals and organizations manage and reduce risk using defense-in-depth strategies. They explore various attacks, mitigations, and detection methods across physical, network, device, and data domains, while considering cybersecurity's impact on people, organizations, and society**. Students will take a school-based final examination in June and the Advanced Placement Exam in May.**

INTRODUCTION TO COLLEGE MATHEMATICS (MOLLOY UNIVERSITY)
One Credit **One Year**
Prerequisite: Algebra 2 or Advanced Algebra (for seniors seeking a 3rd math credit)
Contemporary applications in various fields: problem solving and critical thinking, set theory, logic, number theory and the real number system, algebra, consumer mathematics and financial management. **There is a fee made payable directly to Molloy College. Upon successful completion, students can earn 3 college credits for this course.** Students will take a school-based final examination in June.

COLLEGE ALGEBRA (LONG ISLAND UNIVERSITY)
One Credit **One Year**
Prerequisite: Algebra 2
This course enhanced the topics covered in Algebra 2. The topics include algebraic and trigonometric functions and their graphs. Also covered are exponential and logarithmic functions and their graphs, systems of equations and inequalities. **There is a fee made payable directly to Long Island University. Upon successful completion, students can earn 3 college credits for this full year course.**

COLLEGE STATISTICS (MOLLOY UNIVERSITY)
One Credit **One Year**
Prerequisite: Algebra 2 or Advanced Algebra
This course will provide students with the skills and knowledge in the field of introductory statistics. Elements of statistics; measures of central tendency; measures of dispersion; correlation; probability, normal distribution and the normal curve; testing hypotheses; Chi-square test will be covered **There is a fee made payable directly to Molloy College. Upon successful completion, students can earn 3 college credits for this course.** Students will take a school-based final examination in June

COLLEGE CALCULUS (MOLLOY UNIVERSITY)
One Credit **One Year**
Prerequisite: AP Precalculus
This course is a college level Calculus course that explores the same topics as AP Calculus AB, but students do not take the advanced placement exam in May. Topics include linear, exponential, logarithmic, power, polynomial, and rational functions; inverse functions; trigonometric functions; limits and continuity; derivative definition and formulas; maxima and minima, concavity, curve sketching; definite and indefinite integrals; applications. **There is a fee made payable directly to Molloy University. Upon successful completion, students can earn 4 college credits for this full year course.** Students will take a school-based final examination in June

APPLIED CODING AND COMPUTER SCIENCE PRINCIPLES

½ Credit **One-half Year**

This course will focus on Java programming language. Students will learn this popular and fast-growing programming language. This course follows a student centered, project-based approach to software engineering with Java. This course will end in a Microsoft certificate exam (Exam 98-388 Introduction to programming using Java) so students can become certified in Java. Ultimately, students will come away with not only the technical skills to grow in the field of computer science, but the problem-solving ability and creativity that companies are increasingly looking for.

SAT/ACT PREP (English and Mathematics)

¼ Credit Math and ¼ Credit English **One-half Year**

Students in grades 10-12 will be presented with instruction, strategies and practice exams as preparation for the SAT/ACT exams for English and Mathematics on an alternate day schedule meeting with a teacher from both departments. This course is graded, and a graphing calculator is required. Students must take the SAT/ACT exam prior to completion of this course.

MUSIC DEPARTMENT

MUSIC DEPARTMENT

GRADES 9-12 COURSES:

Please note: One unit of Music (or Art) is required. The unit of music or art may be satisfied by a student's participation in a major performing ensemble for 1 full year. Students who wish to participate in an ensemble must have performed in an ensemble in elementary school, middle school and will have a placement audition. Each 8th grade musician will have a placement audition in January. Students who wish to perform at the high school will demonstrate an appropriate skill level and a willingness to learn. It is extremely important to understand that all courses listed below (except Foundations of Music) are considered performing ensembles and the curriculum, and therefore the syllabus for each class, is based upon this philosophy. Most performances fall outside of the school day and are not only required events, but they are a part of the course grade each quarter/semester.

INSTRUMENTAL MUSIC COURSES:

CONCERT BAND
One Credit **One Year**
The Baldwin High School Concert Band is an ensemble comprised of students in grades 9-12 who are interested in playing music at the high school entry level. This class will focus on fundamentals of musicianship and technique and will perform less often on considerably easier repertoire. When students have achieved the required level of performance, they can audition for the Symphony Band or Wind Symphony. Concert Band is the normal placement for most freshman students. In addition to daily rehearsals, Concert Band members are expected to attend a weekly rotating lesson and perform in the Winter Concert, the Spring Concert, Suites & Sweets, the Memorial Day parade and the NYSSMA Majors Adjudication Festival, if we choose to attend in a given school year.

SYMPHONY BAND
One Credit **One Year**
The Baldwin High School Symphony Band is comprised of students in grades 9-12. Membership into this ensemble is granted based upon an audition that demonstrates appropriate musical skill level requirements. Symphony Band rehearses every day and members are expected to perform quality band literature at the NYSSMA grade levels III through V. Students are strongly encouraged to attend NYSSMA as a soloist or in a small ensemble. They are expected to attend weekly rotating lessons and perform in the Winter Concert, the Spring Concert, the Suites and Sweets Pops Concert, NYSSMA Majors Adjudication Festival, the Memorial Day Parade, and all home football games as members of the Pep Band. Auditions for this ensemble are given each year, and students must maintain the standards once accepted.

WIND SYMPHONY
One Credit **One Year**
The Baldwin High School Wind Symphony is an Honors Level course open to high school students in grades 9-12. Membership is based upon an audition that demonstrates appropriate musical skill level requirements This is the flagship band in our program and players are expected to practice consistently at home, attend NYSSMA as a soloist every year, and are strongly encouraged to study privately outside of school. The Wind Symphony rehearses every day and performs in the Fall Honors Concert, Winter Concert, Spring Concert, Suites and Sweets Pops Concert, the MS Recruitment Concert, the Memorial Day Parade and home football games as part of the Pep Band. This group may also participate in band trips, commissions new pieces for band, rehearse and performs outside of school, and perform in chamber ensembles for community events. In addition to band class every day, students are expected to attend weekly rotating lessons. This honors group performs NYSSMA levels V and VI music. Auditions for this ensemble are given every year, and students must maintain the standards once accepted.

SYMPHONY ORCHESTRA

One Credit **One Year**

The Baldwin High School Symphony Orchestra is an ensemble comprised of string students in grades 9-12 who are interested in playing music at the high school level. Focus will be on the fundamentals of musicianship, instrumental technique and quality orchestral literature NYSSMA Levels III-IV. Students are encouraged to attend the NYSSMA solo festival as a soloist or small ensemble. Symphony Orchestra is the normal placement for freshman students. In addition to daily rehearsals, Symphony Orchestra members are expected to attend weekly rotating lessons and practice at home. Students perform at three concerts a year and attend NYSSMA Major Adjudication Festival in the spring.

CHAMBER ORCHESTRA

One Credit **One Year**

The Baldwin High School Chamber Orchestra is an Honors Level course open to high school students in all four grades. Membership is based on Audition. Focus will be on advanced musicianship and technique. Once accepted, players are expected to practice at home daily. It is required to attend NYSSMA as a soloist each year and private home instruction is strongly encouraged. The Chamber Orchestra rehearses every day and performs four concerts during the school year, along with small ensembles at community events. In addition to orchestra rehearsal and performances, students are expected to attend weekly rotating lessons. The Chamber Orchestra studies quality, advanced repertoire, NYSSMA Level V and VI, and attends NYSSMA Major Adjudication Festival each May. Students may audition for the Chamber Orchestra every year and must maintain the standards once accepted.

VOCAL MUSIC COURSES:

VOCAL HARMONIES

One Credit **One Year**

Vocal Harmonies is an upper voice ensemble for students in grades 9-12. Including daily rehearsals, each student is expected to participate in weekly lessons on a rotating schedule, to attend the Winter Concert, the Choral Festival and the Spring Concert. Music is selected from standard, quality choral literature for upper vocal registers of all major periods and language backgrounds. The Vocal Harmonies studies and performs NYSSMA Levels III-VI repertoire. Rehearsals focus on the art of singing and the development of vocal techniques.

Auditions for Vocal Harmonies take place every year and students must maintain standards once accepted. Only freshman students with exceptional musical knowledge and vocal technique will be considered for this ensemble.

CONCERT CHOIR

One Credit **One Year**

The Baldwin High School Concert Choir is an ensemble comprised of males and female students (mixed chorus). It is an honors level course. Music is selected from standard, quality choral literature of all major periods and performs NYSSMA Levels IV-VI. Focus is on musicianship, vocal production, cultural studies, and linguistics. In addition to daily rehearsals, members are expected to participate in weekly lessons and sectionals on a rotating schedule and attend the Honors Concert, the Winter Concert, the MS Recruitment Concert, the Choral Festival, NYSSMA Majors and the Spring Concert. Occasionally there will be additional out of school performances. Auditions for Concert Choir take place every year, and once accepted students must maintain standards. Only freshman students with exceptional musical knowledge and vocal technique will be considered for this ensemble.

MUSIC SPECIALIZATION COURSES: COMPREHENSIVE FOUNDATIONS OF MUSIC 1 (MUSIC THEORY)

One Credit **One Year**

Prerequisite: Entrance exam must belong to one of Baldwin HS's major performing ensembles.

This course is a comprehensive, project-based study of music fundamentals for the advanced musician. Coursework includes music theory, composition, aural skills, sight-singing, analysis, and ear training skills. Students are expected to share musical examples and perform them during class on a daily basis in class. Students must complete a Composition Project.

COMPREHENSIVE FOUNDATIONS OF MUSIC 2\AP MUSIC (AP MUSIC THEORY)

One Credit **One Year**

Prerequisites: Entrance exam, must belong to one of Baldwin HS's major performing ensembles, Comprehensive Foundations of Music 1 (not required, but suggested)

This course is a comprehensive, project-based study of advanced music fundamentals for the future college music major. Coursework includes music theory, composition, aural skills, sight-singing, analysis, ear training skills, advanced harmony and composition. Students are expected to share musical examples and perform them in class on a daily basis. Students are eligible to take the AP Music Theory examination and must complete a Composition Project.

PRIVATE MUSIC STUDY

One-half Credit **One Year**

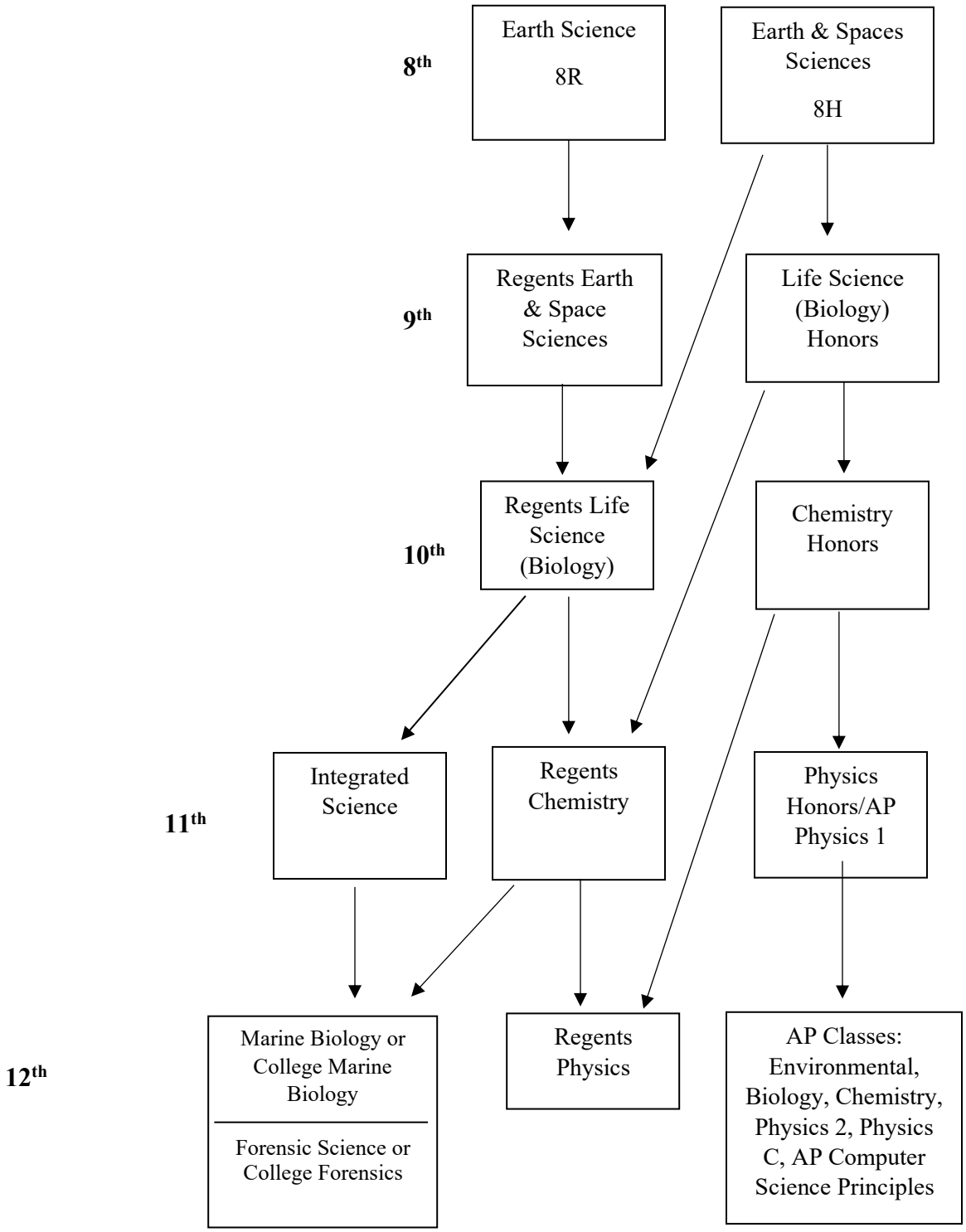
Prerequisite: Music Department approval

Students who are interested in private study outside of the school day could be eligible for ½ credit of music (Instrumental and Vocal). The cost of private instruction is the responsibility of the student. Deadline for application is the end of the fourth week of school.

Requirements:

- Instruction from a qualified music teacher (as approved by the Baldwin High School Music Department) outside of the school program.
- Student must belong to one of Baldwin HS's major performing ensembles, *unless* the ensemble does not contain their instrument (i.e., guitar, harp, organ, etc.)
- Content studied should generally follow that outlined in the NYSSMA Manual and the National/State standards for Music Education.
- Student must have a 30-minute period of instruction, and 5 hours of practice each week, for a *minimum* of 36 weeks.
- Private teacher will provide grades with each quarterly report.
- Sponsoring music teacher will periodically meet with the student and submit an evaluation at the conclusion of each marking period.

SCIENCE DEPARTMENT



AP Computer Science Principles can be taken in any grade level

SCIENCE DEPARTMENT

Grades 9, 10, 11, 12

SCIENCE COURSES ENDING IN A REGENTS EXAM

Each of the following courses closely follows the corresponding New York State Science Learning Standards, which is aligned with the New York State Standards. Each course requires a minimum of 1200 minutes of laboratory experience and satisfactory lab reports documenting those activities. Included in the 1200 minutes are required state labs. Students not meeting the 1200 minutes and/or not completing all the state required labs will not be able to take the regents exam and will need to repeat the course. The State Regents exam in each course is administered in June.

EARTH and SPACE SCIENCES R
One Credit **One Year**
(1 period class daily with an additional lab period every other day)
An integrative study of geology, meteorology, and related sciences. As part of the 1200 lab minute requirement, students must also successfully complete the three state mandated labs. **REGENTS EXAMINATION**

LIFE SCIENCE (BIOLOGY) H
One Credit **One Year**
(1 period class daily with an additional lab period every other day)
Prerequisite: Regents Earth Science 8H or Department Approval
An in-depth study of biological concepts. This course differs significantly from the Regents (R) level course in Biology. The range and depth of topics covered, and the amount of time students are expected to devote to homework and preparation for class and lab are significant. As part of the 1200 lab minute requirement, students must also successfully complete the three state mandated labs. **REGENTS EXAMINATION.**

LIFE SCIENCE (BIOLOGY) R
One Credit **One Year**
(1 period class daily with an additional lab period every other day)
A study of biological concepts (ecology, evolution, genetics, etc.) employing a biochemical approach. As part of the 1200 lab minute requirement, students must also successfully complete the three state mandated labs. **REGENTS EXAMINATION.**

ENL LIFE SCIENCE (BIOLOGY)
Two Credits (one non-regents, one regents) **Two Years**
This course is designed to be a two-year Living Environment course for students with limited ability in English.

<u>COURSE A – First Year</u>
Non-regents credit **One Year**
(1 period class daily with an additional lab period every other day)
Students will complete a course of study of biological concepts (ecology, evolution, genetics, etc.) employing an environmental approach. Lab investigations meet State requirements. (600 minutes of laboratory experience and satisfactory lab reports documenting those activities are required) **SCHOOL EXAMINATION.**

<u>COURSE B – Second Year</u>
Regents credit **One Year**
(1 period class daily with an additional lab period every other day)
Students will complete a course of study of biological concepts (ecology, evolution, genetics, etc.) employing an environmental approach. Lab investigations include State required labs and the 1200-minute

State lab requirement. As part of the 1200 lab minute requirement, students must also successfully complete the three state mandated labs. **REGENTS EXAMINATION.**

AE LIFE SCIENCE (BIOLOGY)
Two Credits (one non-regents, one regents) **Two Years**
This course is designed to be a two-year Life Science (Biology) course for students with disabilities pending CSE recommendation.

COURSE A – First Year
Non-regents credit **One Year**
(1 period class daily)
Students will complete a course of study of biological concepts (ecology, evolution, genetics, etc.) employing an environmental approach. Lab investigations meet State requirements. (600 minutes of laboratory experience and satisfactory lab reports documenting those activities are required) **SCHOOL EXAMINATION.**

COURSE B – Second Year
Regents credit **One Year**
(1 period class daily)
Students will complete a course of study of biological concepts (ecology, evolution, genetics, etc.) employing an environmental approach. Lab investigations include State required labs and the 1200-minute State lab requirement. As part of the 1200 lab minute requirement, students must also successfully complete the three state mandated labs. **REGENTS EXAMINATION.**

CHEMISTRY H
One Credit **One Year**
(1 period class daily with an additional lab period every other day)
Prerequisites: Biology H or Department Approval and Regents Algebra
An in-depth study of chemical concepts and principles requiring a strong capability in mathematics. **REGENTS EXAMINATION.**

CHEMISTRY R
One Credit **One Year**
(1 period class daily with an additional lab period every other day)
Prerequisites: Regents Earth Science, Regents Biology or Department Approval and Regents Algebra
A study of chemical reactions, principles, and concepts involving considerable mathematical analysis. **REGENTS EXAMINATION.**

PHYSICS R
One Credit **One Year**
(1 period class daily with an additional lab period every other day)
Prerequisites: Regents Earth Science, Regents Biology, Regents Chemistry or Department Approval and Regents Algebra and Geometry (or Co-Req)
This course is an in-depth study of physical principles and concepts. It is concerned with the fundamental structure, properties, and behavior of matter. **REGENTS EXAMINATION.**

ADVANCED PLACEMENT PHYSICS 1 AND PHYSICS HONORS COMBINED COURSE
Two Credits **One Year**
(Double Period Class Daily)
Prerequisites: Regents Earth Science 8H, Biology H, Chemistry H or Department Approval and Regents Algebra and Geometry (or Co-Req)
This intensive course of study combines the physics honors course with the first year AP Physics 1 course. The course is designed to allow capable students with excellent prior performance in math and science to complete both a high school and a college-level physics course in one year. AP Physics 1 is an algebra-based, introductory college-level physics course. Students cultivate their understanding of physics

through inquiry-based investigations as they explore these topics: kinematics; dynamics; circular motion and gravitation; energy; momentum; simple harmonic motion; torque and rotational motion; electric charge and electric force; DC circuits; and mechanical waves and sound. Preparation for class is expected to be at least one hour per night. **THE ADVANCED PLACEMENT EXAMINATION (IN MAY) IS REQUIRED. REGENTS EXAMINATION IN JUNE**

A.P. SCIENCE COURSES:

- BIOLOGY (1 period class daily with an additional lab period every other day)
- CHEMISTRY (1 period class daily with an additional lab period every other day)
- ENVIRONMENTAL SCIENCE (1 period class daily with an additional lab period every other day)
- AP PHYSICS 1 (algebra based) (Double Period Daily) *(See Description Above)*
- APC PHYSICS (calculus based) (1 period class daily with an additional lab period every other day)
- AP PHYSICS 2 (algebra based) (1 period class daily with an additional lab period every other day)
- COMPUTER SCIENCE PRINCIPLES (1 Period Daily)

One Credit each **One Year**
Prerequisites: Students have taken a first-year course in Biology, Chemistry, and Physics* with satisfactory performance on those Regents exams
* For Physics 2 and APC Physics students must have taken AP Physics 1 and AP Physics 1 is 2 credits
The Advanced Placement Science courses are designed to be the equivalent of a college introductory course, which is usually taken during the college freshman year. The courses will include those topics regularly covered in a college course. These courses differ significantly from the high school courses in science with respect to the textbook used, the range and depth of topics covered, and the kind of laboratory work done by students. **SCHOOL EXAMINATION AND THE ADVANCED PLACEMENT EXAMINATION (in May) ARE REQUIRED.** Preparation for class is expected to take at least one hour per night.

AP BIOLOGY
(1 period class daily with an additional lab period every other day)
Prerequisites: Regents Earth Science 8H, Biology H, Chemistry H or Department Approval
AP Biology is an introductory college-level biology course. Students cultivate their understanding of biology through inquiry-based investigations as they explore the following topics: evolution, cellular processes — energy and communication, genetics, information transfer, ecology, and interactions. **THE ADVANCED PLACEMENT EXAMINATION (in May) IS REQUIRED.**

AP CHEMISTRY
(1 period class daily with an additional lab period every other day)
Prerequisites: Regents Earth Science 8H, Biology H, Chemistry H or Department Approval
The AP Chemistry course provides students with a college-level foundation to support future advanced course work in chemistry. Students cultivate their understanding of chemistry through inquiry-based investigations, as they explore topics such as: atomic structure, intermolecular forces and bonding, chemical reactions, kinetics, thermodynamics, and equilibrium. **THE ADVANCED PLACEMENT EXAMINATION (in May) IS REQUIRED.**

AP ENVIRONMENTAL SCIENCE
(1 period class daily with an additional lab period every other day)
Prerequisites: Regents Earth Science, Biology R, Chemistry R or Department Approval
AP Environmental Science is an introductory college-level course, through which students understand the relationships of the natural world. S0tudents will identify and analyze natural and human-made environmental problems, evaluate the relative risks associated with these problems, and examine alternative solutions for resolving or preventing them. Environmental Science encompasses topics from geology, biology, environmental studies, environmental science, chemistry, and geography. **THE ADVANCED PLACEMENT EXAMINATION (in May) IS REQUIRED.**

AP PHYSICS 2: ALGEBRA-BASED
(1 period class daily with an additional lab period every other day)
Prerequisites: AP Physics 1, Regents Algebra and Geometry
AP Physics 2 is an algebra-based, introductory college-level physics course. Students cultivate their understanding of physics through inquiry-based investigations as they explore these topics: fluids; thermodynamics; electrical force, field, and potential; electric circuits; magnetism and electromagnetic induction; geometric and physical optics; and quantum, atomic, and nuclear physics. **THE ADVANCED PLACEMENT EXAMINATION (in May) IS REQUIRED.**

AP PHYSICS C: CALCULUS-BASED
(1 period class daily with an additional lab period every other day)
Prerequisites: AP Physics 1, Regents Algebra and Geometry
AP Physics C is a calculus-based, college-level physics course, especially appropriate for students planning to specialize or major in physical science or engineering. The course explores topics such as electrostatics; conductors, capacitors, and dielectrics; electric circuits; magnetic fields; electromagnetism; kinematics; Newton's laws of motion; work, energy and power; systems of particles and linear momentum; circular motion and rotation; and oscillations and gravitation. Introductory differential and integral calculus are used throughout the course. **THE ADVANCED PLACEMENT EXAMINATION (in May) IS REQUIRED.**

AP COMPUTER SCIENCE PRINCIPLES
Grades 10, 11, 12
(1 Period Class Daily)
AP Computer Science Principles is an introductory college-level course. Students will address real-world issues while studying the fundamentals of computing, including problem solving, working with data, understanding the Internet, cybersecurity, and programming. **THE ADVANCED PLACEMENT EXAMINATION (in May) IS REQUIRED.**

NON-REGENTS SCIENCE CLASSES

Each of the following courses is designed for students who may have had some difficulty with previous Science courses. Each is designed as a non-Regents laboratory course. A school final examination is given in June.

INTEGRATED SCIENCE
One Credit **One Year**
(1 Period Class Daily)
Prerequisite: Juniors and Seniors.
A science survey course which integrates Earth Science, Chemistry and Physics in real world applications. The course includes laboratory investigations and projects. **SCHOOL EXAMINATION.**

FORENSIC SCIENCE
One-half Credit **One-half Year**
(1 Period Class Daily)
Prerequisites: Seniors only. Passing one Regents Exam and fulfilled 2 years of science credits
Forensic science deals with the scientific techniques and principles needed to identify or compare physical evidence and how this evidence can be applied to the criminal justice system. Students will participate in lecture and laboratory investigations.

MARINE BIOLOGY (1 Period Class Daily)
One-half Credit **One-half Year**
Prerequisites: Seniors only. Passing one Regents Exam and fulfilled 2 years of science credits
Marine biology explores the broad diversity of marine organisms and habitats, including an introduction to ocean science, effects of the physical environment on marine organisms, introduction to ocean science, effects of the physical environment on marine organisms, introduction to the diversity of marine organisms, biodiversity, pollution, fisheries, and habitats. Students will participate in lecture, lab investigations and field experiences. Students are responsible for expenses associated with field experiences.

DUAL ENROLLMENT COURSES

COLLEGE MARINE BIOLOGY (MOLLOY UNIVERSITY) (1 Period Class Daily)
One-half Credit **One-half Year**
Prerequisites: Seniors only. Earth Science, Biology and Chemistry (Regents or Honors)
This course, under the aegis of Molloy College, explores the board diversity of marine organisms and habitats. The curriculum includes an introduction to the history of marine science, marine environments, diversity of marine organisms, and marine ecology interdependence in the sea including human impact. Students will participate in lecture, lab investigations and field experiences. Students are responsible for expenses associated with field experiences. **There is a fee made payable directly to Molloy College. Upon successful completion, students can earn 3 college credits for this course.**

COLLEGE FORENSICS (MOLLOY UNIVERSITY) (1 Period Class Daily)
One-half Credit **One-half Year**
Prerequisites: Seniors only. Earth Science, Biology and Chemistry (Regents or Honors)
This course, under the aegis of Molloy College, introduces the techniques of scientific criminal investigation and the forensic photographing, collection, processing, and documentation of crime scene data, such as: fingerprints, hair, blood and toxicology, footwear outsole patterns, tire tracks, gunshot residues, and textile fibers. Case illustrations will be drawn from leading criminal cases. Students will participate in lecture, lab, and field experiences. Students will be responsible for expenses associated with field experiences. **There is a fee made payable directly to Molloy College. Upon successful completion, students can earn 3 college credits for this course.**

MEDICAL & HEALTH SCIENCES ACADEMY

ALLIED HEALTH
One-half Credit **One-half Year**
In this course students will be introduced to a wide variety of health care careers, and the education and skills required for each of those careers. Students will study the history of medicine and the development and structure of health care systems of today. Legal and ethical issues surrounding medical decisions, and the importance of confidentiality between doctor and patient will be examined. An introduction to the language of medicine, or medical terminology will also be covered. Students will be introduced to Medical Records and Health Information Technology. They will look over medical documents to see how the terms are used and appear. They will develop an understanding of how computer codes are used to designate different parts of the body. Interpersonal skills will be honed through various hands-on activities. The use of computer technology in health care will be explored. Students will use computers to input data as well as utilize programs for medical terminology, medical coding and career searches.

EMERGENCY MEDICINE
One-half Credit **One-half Year**
Prerequisite: Allied Health (or Co-Req)
Students learn the role and function of an emergency medical technician. The skills and techniques of CPR, AED, transport and first aid for patients is provided and students have the opportunities to practice their skills on mannequins and in the Medical Simulation Room. These skills include but are not limited to, opening and maintaining an airway, ventilating patients, administering cardiopulmonary resuscitation, including use of automated external defibrillators, providing pre-hospital emergency medical care of simple and multiple system trauma such as hemorrhage control, treatment of shock, bandaging wounds, and immobilization of painful, swollen, or deformed extremities, neck or spine. Opportunities exist to visit a hospital EMT facility, and an ambulance visits the school to explain the role of the EMT.

MEDICAL TECHNOLOGY
One-half Credit **One-half Year**
Prerequisites: Allied Health and EMT
Careers in medical laboratories and the skills and techniques necessary for these careers are the focus of the course. Students will practice these skills in the Medical Simulation Room on a regular basis. Skills include, but are not limited to, blood analysis, urine analysis, phlebotomy, preparation and analysis of bacterial smears, and basic medical laboratory techniques. Opportunities to conduct laboratory work at the Cold Spring Harbor DNA Lab are available and visits to medical laboratories at local hospitals will be conducted throughout the course.

RADIOLOGY
One-half Credit **One-half Year**
Prerequisites: Allied Health and EMT
Students are provided with an introductory foundation into basic medical physics and the operation of diagnostic and therapeutic procedures involving radiation. Careers in radiology and radiological technology are discussed including diagnostic radiologist, radiation oncologist, radiographer, nuclear medicine technologist, radiation therapist, cardiovascular-interventional technologist, computed tomography technologist, magnetic resonance technologist, mammographer, sonographer, bone density technologist and quality management technologist. Students examine the techniques for performing and evaluating X-rays, CT scans, MRIs, PETT scans, mammograms, sonograms and cardiovascular-intervention therapies. Opportunities are available to visit a hospital radiation oncology facility.

COLLEGE ANATOMY AND PHYSIOLOGY WITH LAB (Long Island University)
One Credit **One Year**
(1 period class daily with an additional lab period every other day)
Prerequisites: Allied Health, EMT, Med Tech, and Radiology
This is a college level, in depth study of human anatomy and physiology. Topics include but are not limited to the organs and functions of the respiratory, cardiovascular, endocrine, skeletal, muscular, nervous, sensory, digestive, urinary, excretory, integumentary, lymphatic, immune and reproductive systems. Lab work is a required part of the course. **There is a fee made payable directly to LIU. Upon successful completion, students can earn 8 college credits for this course.**

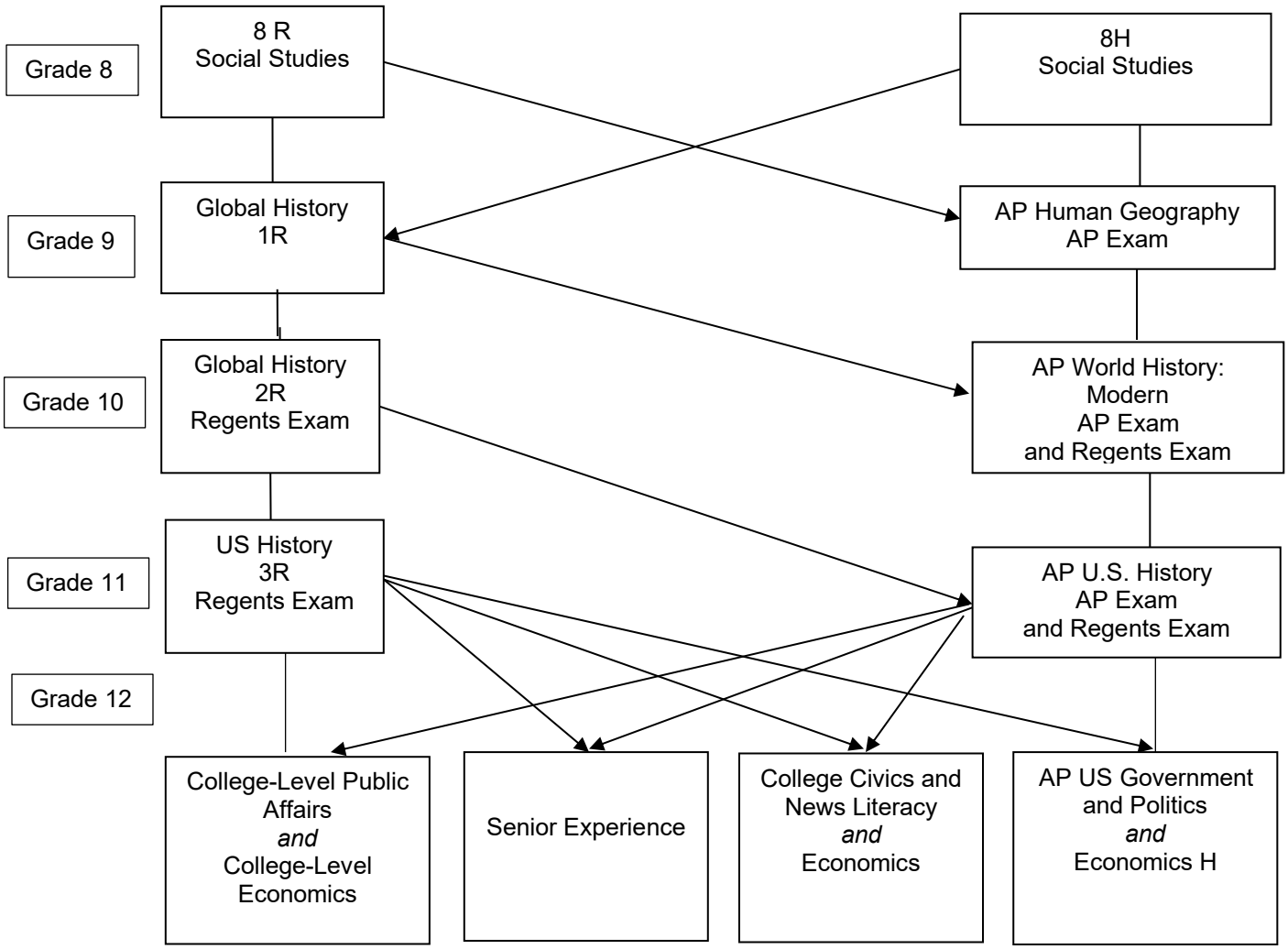
AP RESEARCH
One Credit **One Year**
Grades 11-12
Prerequisite: AP Seminar
AP Research is the second required course in the AP Capstone program. Students engage in a yearlong investigation to address a research question. Students explore a topic or question of personal interest and develop a comprehensive argument and solution. AP Research will expand students' knowledge of research methodology as students employ ethical research practices; analyze, synthesize, and evaluate information; and build empathy for their topic of interest by establishing partnerships with experts in the field. The course culminates in an academic paper of 4,000-5,000 words (accompanied by a performance, exhibit or product where applicable) and a presentation with an oral defense. Open to students in grades 11 and 12.

STEAM ACADEMY

DESIGN & DISCOVERY
One-half Credit **One-half Year**
This course is an introduction to engineering and the various types of engineering career paths. There is a focus on the skills and techniques associated with mechanical engineering and the fundamentals of electricity. Students will engage in project work in conjunction with the Engineering by Design program.

INTRODUCTION TO SCIENTIFIC RESEARCH & INQUIRY
Grade 9
One-half Credit **One-half Year**
(1 Period every other day)
This introductory course provides students with the foundation for conducting authentic scientific research. Through hands-on investigations, students learn how scientists ask questions, design experiments, collect and analyze data, and communicate their findings. Students will explore real-world science related topics in their community while developing essential skills in critical thinking, scientific writing, and data literacy. There is a mini research project, where students apply their learning to an independent investigation of their choice. The class will meet on alternating days for the entire school year. This course serves as the first step in the four-year Science Research sequence, preparing students for advanced coursework, mentorship, and college-level research in later years.

SOCIAL STUDIES DEPARTMENT



Electives:

- See You in Court
- Justice & the Modern World
- College-Level Law and Crime
- College Public Speaking
- College Civics and News Literacy
- College Psychology
- AP Psychology
- College Sociology
- AP African American Studies
- Regents Review: U.S. History and Government
- Regents Review: Global Studies
- Educational Psychology

SOCIAL STUDIES DEPARTMENT

NINTH GRADE COURSES:

GLOBAL HISTORY AND GEOGRAPHY I
One Credit **One Year**
Prerequisite: Social Studies 8 or 8H
The course will focus on a comprehensive study of the history of the world using a chronological approach from ancient times until about 1750. Students will also be introduced to the methods of social scientists and will use these methods throughout the course. Connections will be made between the great civilizations of Asia, Africa, South America and Europe. Emphasis will be placed on problem solving, essay writing, research, and geographical skills. Support services will be provided for students in need of extra help. **A SCHOOL EXAMINATION IS REQUIRED AT THE END OF SOCIAL STUDIES 1R. THE REGENTS EXAMINATION AT THE END OF THE 10TH GRADE MUST BE PASSED IN ORDER TO GRADUATE.**

ADVANCED PLACEMENT HUMAN GEOGRAPHY
One Credit **One Year**
Prerequisite: Social Studies 8 or 8H
This advanced placement course is a core class for 9th grade students who have an outstanding record of academic performance and are willing to devote considerable time and effort required to do college-level work while in high school. This is a college level course designed to represent a systematic study of the earth & its inhabitants. The course covers seven different units including such items as: how to think geographically and use maps, population issues, cultural patterns, political organization of space, agricultural and rural land use, industrialization and economic development, and cities and urban land use. This course answers questions like "Why places and things are what they are; what their location means in the past, present, and future, and how their location affects other places?" Ultimately, the course should help you answer questions about how you relate geographically to the places you inhabit, and how you relate to our world of diverse places. ***Preparation for this class will require extensive reading and writing***. **A SCHOOL EXAMINATION IS REQUIRED AND THE ADVANCED PLACEMENT EXAMINATION IN MAY IS REQUIRED**

NINTH GRADE ELECTIVE:

SEE YOU IN COURT
One-half Credit **One-half Year**
Prerequisite: Introduction to Law, Justice in the Modern World, and College Law and Crime for Law Academy Students
This course offers students the opportunity to become engaged and work within the realm of the courtroom. Students examine the responsibilities and duties of the Prosecution and Defense Attorneys, where they break down their investigative procedures to develop their case for trial. What students have examined and learned ultimately culminates into a series of Mock Trials, where students take what they have learned and display it in the form of a professionally conducted trial. **SCHOOL EXAMINATION.**

EDUCATIONAL PSYCHOLOGY
One-half Credit **One-half Year**
Covers an overview of the history of early childhood education; theoretical models; different types of early childhood programs; community resources; professional organizations; contemporary trends, and issues facing the early childhood educational field. Students have the opportunity to practice observation skills and explore a variety of tools to record and assess student behavior, teachers, and the environment of young children. Course content is applicable to infant and toddler programs, preschool programs, kindergarten, and primary education. **SOCIAL STUDIES DEPARTMENT ELECTIVES**

TENTH GRADE COURSES

GLOBAL HISTORY AND GEOGRAPHY II

One Credit **One Year**

Prerequisite: Global Studies 1R

This course will cover 1750 to the present. Global Studies 2R is a Regents program which is a continuation of the ninth-grade course of study that is taught at a level consistent with students planning to enter college. Writing skills and independent research are stressed to further the academic strengths of these students. A research project is required. **REGENTS EXAMINATION IN GLOBAL HISTORY AND GEOGRAPHY IS REQUIRED FOR ALL.**

ADVANCED PLACEMENT WORLD HISTORY: MODERN

One Credit **One Year**

Prerequisite: AP Human Geography or Social Studies 1R

This year long advanced placement history course is intended to provide the student with an understanding of the base upon which the modern world was built. A balanced approach will be taught covering the continents of Europe, Asia, Africa and the Americas. The time frame of the course will span from 1200 C.E. to the present using the five themes outlined in the AP World History Course Description. Through an exploration of primary and secondary materials, the student will have an opportunity to sense the flavor of an era, to assess the complexity of issues, and to discover how historians reach conclusions about the past. Preparation for this class will require extensive reading and writing. This course will prepare students for the Advanced Placement test that they must take in May. ***Students must also pass the Regents examination in Global History and Geography given in June (a requirement for graduation).*** **THE ADVANCED PLACEMENT EXAMINATION AND THE REGENTS EXAMINATION IN GLOBAL HISTORY AND GEOGRAPHY ARE REQUIRED.**

TENTH GRADE ELECTIVE:

JUSTICE & THE MODERN WORLD

One-half Credit **One-half Year**

Prerequisite: Introduction to Law for Law Academy Students

This course will focus on such topics as constitutional law, constitutional rights, international laws, laws of war (World War I, World War II, Cold War, and Post 9/11 World) and examination of Supreme Court cases. Films and community speakers are anticipated. The course will culminate with a Law Academy research project/case study. It is highly recommended that Law Academy students take this course in 10th grade. **Law Academy students are encouraged to take Justice & the Modern World as their second law academy course. It will be a prerequisite to taking future law academy electives.**

ELEVENTH GRADE COURSES:

Advanced Placement United States History is available for eleventh graders who wish to pursue advanced study and want the opportunity to earn college credit as well as seniors who wish to take it as an elective.

UNITED STATES HISTORY AND GOVERNMENT

One Credit **One Year**

Prerequisite: Social Studies 2R

The course will focus primarily on the history of the United States using a chronological approach beginning with the development of democracy in the colonial period and concluding with our own time. Emphasis will be placed on the period since the Civil War. The course also emphasizes the recognition of the thirteen basic Constitutional issues and the substantive application of Constitutional principles. This is a Regents program that is taught at a level consistent with students planning to enter college. The course is designed to emphasize a mastery of content as well as the development of thinking skills, writing skills, and independent research to further the academic strengths of these students. A research project is required. **THE REGENTS EXAMINATION IN UNITED STATES HISTORY AND GOVERNMENT IS**

REQUIRED FOR GRADUATION. ALL ENROLLED STUDENTS MUST TAKE REGENTS EXAMINATION.

ADVANCED PLACEMENT UNITED STATES HISTORY
One Credit **One Year**
Prerequisite: Social Studies 2R or AP World History II
AP U.S. History is designed to be the equivalent of a two-semester introductory college or university U.S. history course. In AP U.S. History students investigate significant events, individuals, developments, and processes in nine historical periods from approximately 1491 to the present. Students develop and use the same skills, practices, and methods employed by historians: analyzing primary and secondary sources; developing historical arguments; making historical comparisons; and utilizing reasoning about contextualization, causation, and continuity and change over time. Although there are no formal prerequisites for AP U.S. History, students should be able to read a college-level textbook and write grammatically correct, complete sentences. In addition, prospective students should be aware that there is a lengthy required summer reading assignment, and that the class moves at an accelerated pace in order to cover the demanding six credit college level curriculum.
THE ADVANCED PLACEMENT EXAMINATION IN UNITED STATES HISTORY AND GOVERNMENT AND THE REGENTS EXAMINATION ARE REQUIRED.

ELEVENTH GRADE ELECTIVE:

COLLEGE LAW AND CRIME (MOLLOY UNIVERSITY)
One-half Credit **One-half Year**
Prerequisites: Justice in the Modern World and College Public Speaking
This course is the equivalent to Molloy College's CRJ 102 Introduction to American Jurisprudence Course. This course will focus on such topics as the meaning and application of law, criminal behavior, the victim, causes and influences of crime, law enforcement, criminology, the administration of justice, and the system of correction. Films, community speakers, mock trials, and visits to the courts are anticipated. ***SCHOOL EXAMINATION. This course allows students to obtain 3 college credits through Molloy College.***

COLLEGE PUBLIC SPEAKING (SYRACUSE UNIVERSITY)
One-half Credit **One-half Year**
Prerequisite: Justice & the Modern World
This course prepares students for a variety of academic and other situations in which formal presentations are required. This will include perceptions of others, verbal and nonverbal messages, and techniques of oral presentation and persuasion. Students will learn how to research, outline, and deliver short, informal presentations as well as longer speeches. This course will offer the opportunity to develop and strengthen skills in preparing and presenting public oral presentations in a variety of situations in addition to those in critical listening. Theoretical foundations for the will be included. The course aims to provide a basic background in the theories and principles of public speaking, as well as practical experience with the basic types of speeches. ***This course allows students to obtain 3 college credits through Syracuse University***

TWELFTH GRADE COURSES:
In the twelfth grade all students will be required to take a one semester course in Government and a one semester course in Economics.

TWELFTH GRADE GOVERNMENT COURSE OFFERINGS:

ADVANCED PLACEMENT UNITED STATES GOVERNMENT AND POLITICS
One-half Credit **One-half Year**
Prerequisite: Advanced Placement U.S. History
This advanced placement course is a replacement for honors Participation in Government and is an equivalent to an introductory college course in U.S. Government and Politics which is one semester in

length. Students should have an outstanding record of academic performance and be willing to devote considerable time and effort required to do college-level work while in high school. Advanced Placement U.S. Government and Politics will give students an analytical perspective on government and politics in the United States. This course includes both the study of general concepts used to interpret U.S. politics and the analysis of specific examples. It also requires familiarity with the various institutions, groups, beliefs, and ideas that constitute U.S. politics. Students will become acquainted with the variety of theoretical perspectives and explanations for various behaviors and outcomes. Topics include: Constitutional Underpinnings of United States Government, Political Beliefs and Behaviors, Political Parties, Interest Groups, Mass Media, Institutions of National Government, Public Policy, and Civil Rights and Civil Liberties. (Must be taken in conjunction with Economics 4H). **THE ADVANCED PLACEMENT EXAMINATION IN MAY IS REQUIRED. COLLEGE CIVICS AND NEWS LITERACY (STONY BROOK UNIVERSITY)**

COLLEGE CIVICS AND NEWS LITERACY (STONY BROOK UNIVERSITY)
One-half Credit **One-half Year**
This course is designed to teach students to exercise their power as citizens by becoming perceptive news consumers and civically engaged. Armed with critical-thinking skills, a firm grasp of relevant history and practical knowledge about civics, public policy, and the news media, Civics and News Literacy students learn how to find the reliable information they need to make informed decisions, take civic action, make judgments and responsibly share information. At a time when the digital revolution is spawning a flood of information and disinformation each day, this course seeks to help students recognize the differences between facts and rumor, news and promotion, news and opinion, bias and fairness, assertion and verification, and evidence and inference. **This course satisfies the Regents' requirement for Participation in Government and allows the students the option of obtaining three college credits through Stony Brook University. Tuition expenses per credit are paid directly to Stony Brook University.**

TWELFTH GRADE ECONOMICS COURSE OFFERINGS:

COLLEGE ECONOMICS (NASSAU COMMUNITY COLLEGE)
One-half Credit **One-half Year**
This course, offered through Nassau Community College, covers essential aspects of consumer personal finance including record keeping, budgeting, banking, saving, borrowing, investing, insurance, taxes and retirement planning. The goal of this course is to provide students with foundational financial understandings and experiences that will allow them to make more informed personal finance decisions over their lifetimes, as well as to better handle a constantly changing financial world. The course is rigorous but not overly mathematical. ***This course satisfies the Regents requirement for Economics and allows students the option of obtaining 3 college credits through Nassau Community College. Tuition expenses per credit are paid directly to Nassau Community College.***

ECONOMICS HONORS
One-half Credit **One-half Year**
Co-requisites: Advanced Placement U.S. Government and Politics
This course will probe more deeply into the field of economics. More extensive reading and writing will be required including the completion of a documented research paper. ***SCHOOL EXAMINATION IS REQUIRED.***

TWELFTH GRADE ELECTIVE:

AP RESEARCH
One Credit **One Year**
Grades 11-12
Prerequisite: AP Seminar
AP Research is the second required course in the AP Capstone program. Students engage in a yearlong investigation to address a research question. Students explore a topic or question of personal interest and develop a comprehensive argument and solution. AP Research will expand students' knowledge of research methodology as students employ ethical research practices; analyze, synthesize, and evaluate information; and build empathy for their topic of interest by establishing partnerships with experts in the field. The course culminates in an academic paper of 4,000-5,000 words (accompanied by a performance, exhibit or product where applicable) and a presentation with an oral defense. Open to students in grades 11 and 12.

COLLEGE PSYCHOLOGY (ST. JOHN'S UNIVERSITY)
One-half Credit **One-half Year**
Prerequisites (or co-requisites): Social Studies 3R or AP U.S. History
This course is an introduction into such key areas of behavior as personality development, learning and thinking processes, mental health and disorders, adolescent behavior, and various forms of social behavior. Students will have an opportunity to study some of the famous psychologists and their contributions. ***This course allows students to obtain 3 college credits through St. John's University.***

ADVANCED PLACEMENT PSYCHOLOGY
One Credit **One Year**
The Advanced Placement course is designed to provide the student with a learning experience equivalent to an introductory college psychology course, usually taken during the freshman year. The course will introduce students to the systematic and scientific study of behavior and mental processes of human beings and other animals. Students will be exposed to the psychological facts, principles and phenomena associated with each of the major subfields within psychology. The course will also prepare students for the Advanced Placement examination given in May where college credit may be earned.
ADVANCED PLACEMENT EXAMINATION IN PSYCHOLOGY AND A SCHOOL EXAMINATION ARE REQUIRED.

COLLEGE SOCIOLOGY (ST. JOHN'S UNIVERSITY)
One-half Credit **One-half Year**
This semester course is designed to be the equivalent of a college introductory course in sociology. Topics covered will include socialization, social interaction in everyday life, social class, deviance, families, education, collective behavior and social movements. Class discussions will focus on case studies, both classic and cutting-edge, and involve students in a collaborative forum for briefing controversial social issues. ***This course allows students to obtain 3 college credits through St. John's University.***

REGENTS REVIEW: U.S. HISTORY AND GOVERNMENT (GRADE 12)
Credit: 0
Examination: Preparation for retaking the Regents exam
This half-year course is offered to seniors who have not been successful on the United States History Regents Examination. The class will meet every other day providing students with a detailed review in preparation for success on the Regents.

REGENTS REVIEW: GLOBAL STUDIES
(GRADES 11-12)
Credit: 0
Examination: Preparation for retaking the Regents exam
This half-year course is offered to juniors and seniors who have not been successful on the Global History and Geography Regents Examination. The class will meet every other day providing students with a detailed review in preparation for success on the Regents.

ADVANCED PLACEMENT AFRICAN AMERICAN STUDIES
One Credit **One Year**
This advanced placement course is an elective course for students in grades 10-12 who have an outstanding record of academic performance and are willing to devote considerable time and effort required to do college-level work while in high school. Drawing from the expertise and experience of college faculty and teachers across the country, the course is designed to offer high school students an evidence-based introduction to African American studies. The interdisciplinary course reaches into a variety of fields—literature, the arts and humanities, political science, geography, and science—to explore the vital contributions and experiences of African Americans. ***Preparation for this class will require extensive reading and writing***. **A SCHOOL EXAMINATION IS REQUIRED AND THE ADVANCED PLACEMENT EXAMINATION IN MAY IS REQUIRED**

SENIOR EXPERIENCE
Three Credits (English, Social Studies, and Elective) **One Year**
Prerequisite: Completion of Senior Experience Application
The Senior Experience course will provide students with out-of-school opportunities to obtain hands-on experience in their field of interest, completing at least 80 hours of internship experience during the school year. Students will gain a unique, inside view of their career interest in combination with their Academic Academy program. This unique three credit course will satisfy the New York State Graduation Requirements for English and social studies, while providing students with real world career experiences through internship experiences in their field of interest. Students will alternate in-person instruction with an internship experience that will take place during the school day, periods 7-9. Students are responsible for keeping a journal of their experiences and a time log of the hours spent with their mentor. Additionally, internship students will participate in the LTI exhibition and complete a capstone project.

SPECIAL EDUCATION

INTEGRATED CO-TEACH CLASSES (ICT)
Classes currently offered in Earth Science, Living Environment, Global History and Geography I, Global History and Geography II, United States History and Government, English 1, English 2, English 3, Algebra, Algebra II and Geometry, allow special education students to attend mainstream classes taught by the content area teacher accompanied by a special education teacher. Students are also scheduled for additional support services taught by the content area teacher to optimize success in the least restrictive environment.

RESOURCE ROOM
Resource Rooms are scheduled for a minimum of one period per day to address the learning needs of special education students in the least restrictive environment. The resource room program is set up to provide:

- Support for mainstream curriculum
- Remedial instruction
- Compensatory strategies to enhance learning
- Study skills strategies

SPECIAL CLASS 15:1
This program offers students an academic program paralleling mainstream classes that are adapted to meet individual needs. Classes are taught by content certified special education teachers.. Students prepare for the New York State Regents Examinations. The goal for students in these classes is to pursue and earn a New York State Regents diploma. **Upon CSE eligibility and recommendation, the following courses are available: 15:1 Biology A, 15:1 Global I and Global II, 15:1 US History. 15:1 English 1, 2, 3, 4 and 15:1 Math 1A and 1B (Algebra), and 15:1 Daily Living Math.**

SPECIAL CLASS 8:1:1
This program offers students a basic core curriculum emphasizing daily living skills. The classes are designed for students with developmental delays who are not expected to graduate with a high school diploma. Vocational education may be a component of this program; electives may be taken each year; and Physical Education.

SUPPORT SERVICES

- Language/Speech/Hearing (LSH)
- Visually Impaired (VI)
- Educational Counseling (EC)
- Hearing Impaired (HI)
- Occupational Therapy (OT)
- Physical Therapy (PT)
- Adaptive Physical Education (APE)

TECHNOLOGY DEPARTMENT

TECHNOLOGY DEPARTMENT

The Technology Department offers opportunities for students to explore careers, learn practical skills or master career skills. Students are encouraged to master skills in Construction, Drafting, Engineering, Media & Video Production, or explore the world of technology and learn a variety of life skills. The program and course content are student centered and is designed to develop insights and understandings of the application of technological concepts, processes, and systems. All activities use hands-on experiences to motivate students to make connections between concepts and real-world applications. Students are challenged to use the technology education facility to design, apply materials, machines, instrumentation, processes, and technical concepts in an efficient and safe manner.

MEDIA AND VIDEO PRODUCTION
One-half Credit **One-half Year**
This course provides an introduction to news, media, and digital communication through hands-on work in filmmaking and communication arts. Students will produce, direct, film, and edit low budget video projects while learning to use Final Cut Pro for video and audio editing. They will also explore advertising, graphic design, photographic manipulation, and motion graphics using software such as Adobe Photoshop, Adobe After Effects, and GarageBand. Major communication technologies including radio, television, film, and telecommunications will be examined to build a strong foundation in media literacy. Throughout the course, students will develop a professional digital media portfolio showcasing their multimedia work.

TELEVISION STUDIO
One Credit **One Year**
This course will be a study of the principles of writing news and information for Radio, TV, Podcasts, and Livestreaming. Basics of television news and broadcast style will be discussed and practiced. Emphasis is placed on the fundamentals of television studio production. Production and direction of multi-camera studio television programs, as well as field packages and multi-camera field direction will be covered. This course provides a bridge between production and engineering. It emphasizes the importance of understanding technical processes as they apply to creative decisions. Students will gain practical experience in media news gathering, working as part of a team to produce news reports and complete newscasts. Students will create a digital portfolio to display all their work.

COLLEGE ARCHITECTURE (FARMINGDALE STATE COLLEGE)
One Credit **One Year**
This course is an introductory study of the theory, history, principles, and practice of architecture. Basic principles of architectural analysis, criticism and aesthetic principles will be studied. Including the roles and responsibilities of the design professions, including interior design, landscape architecture, urban planning, and engineering and how they relate to each other. Design concepts analyzed through graphical representation and modeling. Students will design fully functional prototypes and create models of homes and generate construction plans via CAD software. Fundamentals of Computer Aided Drafting (CAD) introduces concepts, techniques, and procedures necessary to facilitate a basic functional understanding of Autocad and TinkerCAD software. Students will create a digital and physical portfolio to display all their work.

- 1 HS Credit - (3 Credits through Farmingdale State is paid directly to the college) ***This course allows students to earn 3 college credits when enrolled in this dual enrollment course. ARC 101 Introduction to Architecture and Construction (SUNY Farmingdale).**

COLLEGE CAD
One-half Credit **One-half Year**
The instructional program for CAD introduces high school students to the essential core topics for working with the AutoCAD software. The teaching strategy is to start with a few basic tools that enable the student to create and edit a simple drawing, and then continue to develop those tools. More advanced tools are introduced throughout the class. Not every command or option is covered, because the intent is to show the most essential tools and concepts, such as: Understanding the AutoCAD workspace and user interface, Using basic drawing, editing, and viewing tools, Organizing drawing objects on layers, Inserting

reusable symbols, Preparing a layout to be plotted and Adding text, hatching, and dimensions. Students will also be introduced to TinkerCAD which is an easy, browser-based 3D design and modeling tool for all. TinkerCAD allows users to imagine anything and then design it in minutes.

- 1/2 HS Credit – (MET105 |**1 Credit through Farmingdale State is paid directly to the college)**
- STEAM Academy
- **Fulfills the Computer Literacy Requirement for Graduation**

COLLEGE ENGINEERING

One Credit **One Year**

The instructional program for Engineering introduces high school students to the fundamentals that engineers will need during their career and the skills that they need to be successful in a post-secondary setting. The purpose of this course is to introduce the student to the field of mechanical engineering through an exposition of its disciplines, including structural analysis and mechanism design using principles and methods of analysis. Projects will begin with conceptualization, proceed with the analysis of candidate designs, and culminate in the construction and testing of a prototype. The creative process will be encouraged throughout. Students will develop a strong set of fundamentals and the recognition of the need for and the ability to continually learn. The curriculum focuses on what mechanical engineering is all about: analysis, design, and manufacture of systems. Concepts in mathematics, science, and engineering will be continuously focused on during analysis, design and manufacturing. Additionally, they will become adept in the use of professional supplies and history. Work-related scenarios including design research, professional communication methodology, and mathematical analysis will prepare them for continuing their education in a college level engineering program. A portfolio will be developed through the course.

- 1 HS Credit - (MET215 | **3 Credits through Farmingdale State is paid directly to the college**)
- STEAM Academy

COLLEGE ROBOTICS

One-half Credit **One-half Year**

The instructional program for Robotics introduces high school students to basic programming as well as problem solving strategies. This course will involve students in the development, building and fabrication of robotics chassis. Students will work hands-on in teams to design, build, program and document their progress. Topics may include motor control, gear ratios, torque, friction, sensors, decision-making, propulsion systems and locomotive systems.

- 1/2 HS Credit - (MET215 | **3 Credits through Farmingdale State is paid directly to the college**)
- STEAM Academy

COLLEGE TECHNICAL DRAWING AND CAD

One-half Credit **One-half Year**

The instructional program for Technical Drawing and CAD introduces high school students to the fundamentals of technical drawing and computer aided design (CAD). Students will apply traditional drafting techniques, such as ortho-graphic projection, dimensioning, and tolerancing, through 2D CAD software. This course is designed to build a strong foundation in the practices and principles of technical drawing that includes a brief unit on the routines of engineering and drafting department customs, standard engineering and drafting terminology, use and care of drawing equipment, instruments and materials, the alphabet of lines conventions, the use of various measures (scales), and freehand sketching and lettering. The student gains practical experience in geometric construction, size and shape description, projection methods, sectional views, auxiliary views, pictorial views and dimensioning.

- 1/2 HS Credit - (MET105 |**1 Credit through Farmingdale State is paid directly to the college**)
- STEAM Academy

BASIC WOODWORKING

One-half Credit **One-half Year**

Get ready to roll up your sleeves in this hands-on, beginner-friendly woodworking course! You'll gain practical experience using both hand tools and machines to cut, shape, and assemble your own wooden projects. Along the way, you'll learn key construction skills like measuring, joinery, fastening, and finishing to ensure your work is both durable and well-crafted. Projects may include custom bookcases, board

games, Adirondack chairs, and more, all designed to build your skills and show how pros bring designs to life. Whether you're into design, engineering, or just love working with your hands, this course will prepare you for the challenges of Advanced Carpentry.

ADVANCED CARPENTRY
One-half Credit **One-half Year**
Take your carpentry skills to the next level in this hands-on course! You'll build on your woodworking basics with advanced tools, techniques, and real-world construction projects. Learn precision measuring, advanced joinery, strong fastening methods, and high-quality finishing while working with everything from hand tools to heavy-duty machines. In partnership with New York State Parks, you'll help design and build equipment for ocean lifeguards like deadman boxes, sheds, signs, and barricades, offering real-world experience and community impact. Whether you're into construction, engineering, or simply enjoy building, this course will boost your skills and confidence.

STAGE CRAFTS AND ENTERTAINMENT TECHNOLOGY
One Credit **One Year**
Grades 9 – 12
The Motion Picture, Television, Theater, Theme Park and Cruise Ship industries, amongst others, all need people knowledgeable in the field of Stage Crafts and Entertainment Technology. This class is for students who like creative problem solving and who aspire to work with their hands, have artistic and carpentry talents, like to work within a collaborative group, and love the magic of bringing a production to life. The class will design and build scenery, and design and operate lighting for Baldwin High School's three shows - including how to operate computer controlled intelligent lights. Additionally, technology used in television, film and amusement parks will be covered. The class will go on one or more field trips to visit backstage at the Metropolitan Opera House, and/or see behind the scenes of a Broadway show before watching the show. Course may be repeated for credit.

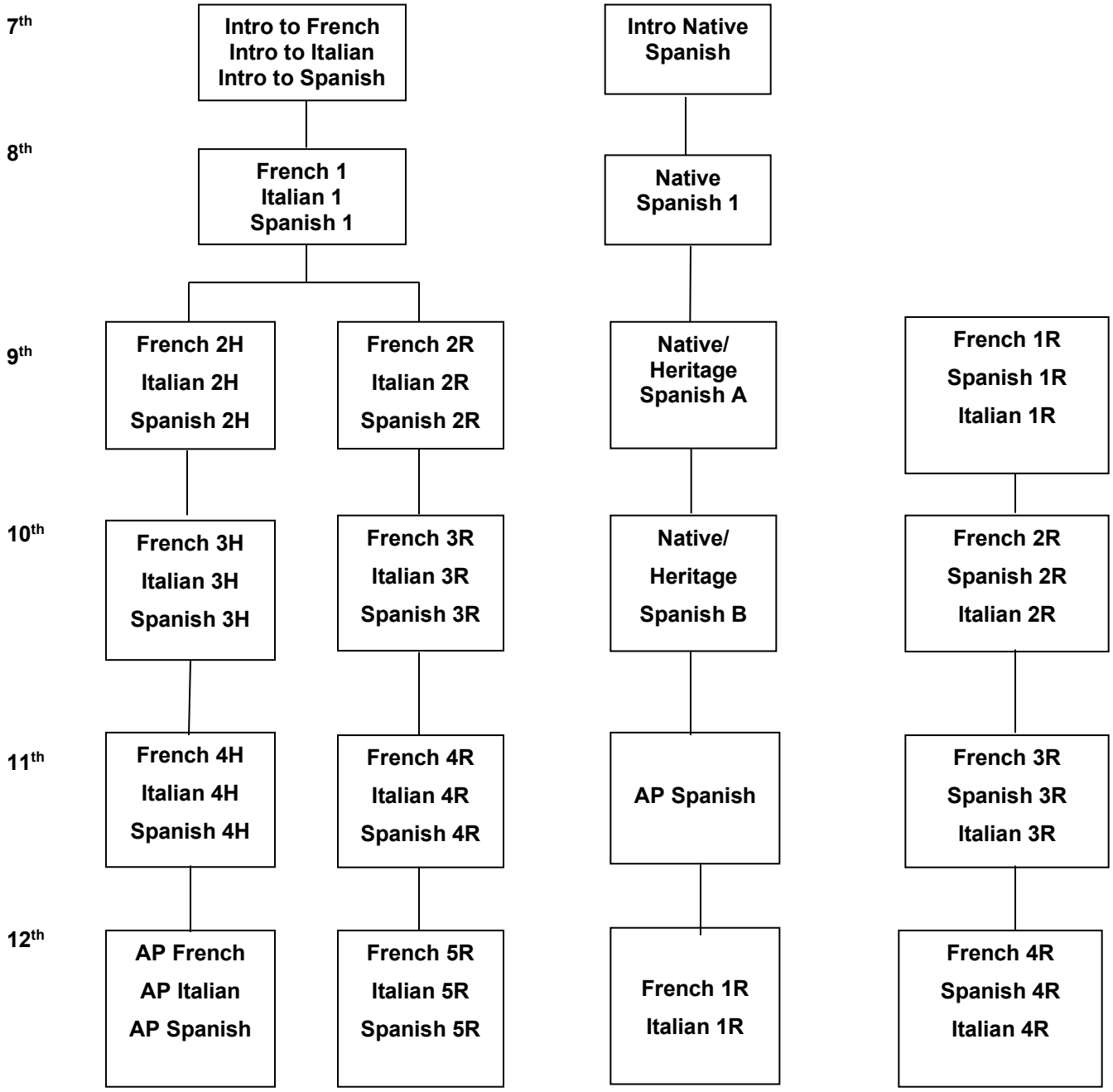
COMPUTER PROGRAMMING & APPLICATIONS
One-half Credit **One-half Year**
This course will provide an introduction to computer science in the context of scientific, engineering, and commercial applications. The course will teach basic programming logic and problem-solving techniques for practical issues and will prepare students to use computers effectively for applications in computer science, engineering, robotics, and other disciplines. Topics include hardware and software systems with an emphasis in basic programming in Visual Basic, C + + and use of Arduino and raspberry pi boards.

- 1/2 HS Credit - (**MET109 | 2 Credits through Farmingdale State is paid directly to the college)**
- STEAM Academy

INTRODUCTION TO THE WORLD OF DRONES
One-half Credit **One-half Year**
Are you interested in learning how to pilot and become certified as an FAA Drone Pilot? This course is designed to provide students with the knowledge and real-world experiences which will allow them to learn basic flight operations, industry applications, and the latest FAA policies for drone aircrafts to prepare them to take the FAA pilot certification exam. Students will be utilizing the Zephyr Flight Simulator as well as logging indoor & outdoor flight time using the DJI Tello and Autel EVO II drones.

COLLEGE 3D DESIGN AND ENGINEERING TECHNOLOGY (Nassau Community College)
One-half Credit **One-half Year**
This introduces advanced topics in computer graphics. Students will learn 3D solid modeling based on parametric constraints, dimensions, and features such as extrude, revolve, sweep, loft, hole, fillet and shell. The course also teaches students how to create assemblies and 2D technical drawings from 3D models. Laboratory exercises will be assigned to the students for hands-on experience with the related topics. ***This course allows students to earn 2 college credits when enrolled in this dual enrollment course. ENS 106- Computer Aided Drafting (Nassau Community College).**

WORLD LANGUAGES



WORLD LANGUAGES DEPARTMENT

MODERN WORLD LANGUAGE (French, Italian, Spanish)
One Credit **One Year**
There are four courses of study that students may pursue in World Language. Courses labeled "2R" and "2H" are a continuation of the language begun in the 7th & 8th grade. These courses lead to a Checkpoint B examination at the end of the 10th grade. Courses at the Honors level lead to an AP course in the 12th grade.

Courses labeled Level "1R" are designed for students that do not have world language credits from middle school and need to complete one credit of World Language. These courses lead to a Checkpoint B examination at the end of 11th grade.

MODERN WORLD LANGUAGE 1R (French, Italian Spanish)
One Credit **One Year**
Prerequisite: None
These courses begin the study of world language. Objectives are the development of listening, speaking, reading, and writing skills. Culture is included as it is manifested in the life of the native speakers of the language. **SCHOOL EXAMINATION**. Checkpoint B examination is taken at the end of 3R.

MODERN WORLD LANGUAGE 2R (French, Italian, Spanish)
One Credit **One Year**
Prerequisite: One credit in middle school world language
These courses widen the student's vocabulary and command of structure. Longer sentences and more complicated structures are introduced and reinforced. Dialogues and basic reading selections of one or two pages are used to introduce vocabulary, structures, and way of life. **SCHOOL EXAMINATION.** Checkpoint B examination is taken at the end of 3R.

MODERN WORLD LANGUAGE 3R (French, Italian, Spanish)
One Credit **One Year**
Prerequisite: 2R
These courses further widen the student's command of the world language. Further vocabulary is introduced: finer points of structures are covered. Reading selections are longer and include some articles from magazines and literature. Greater emphasis is placed upon oral communication in the foreign language. Checkpoint B examination is taken at the end of 3R.

MODERN WORLD LANGUAGE 4R: CONVERSATION (French, Italian, Spanish)
One Credit **One Year**
Prerequisites: 3R or 3H
This course is designed to enhance and expand students' ability in speaking in and comprehending their target language. Vocabulary and grammatical points will be incorporated into the coursework, but the emphasis will be on communication. Role-playing, dialogues, discussions, and texts based on real-world and cultural topics will be used to immerse students in comprehending and speaking in the target language. **SCHOOL EXAMINATION.**

MODERN WORLD LANGUAGE 5R: CINEMA, CULTURE AND LANGUAGE (French, Italian, Spanish)
One Credit **One Year**
Prerequisites: 4R or 4H
This course is designed to extend and apply knowledge acquired in levels 1-4 of the target language to a wide variety of topics. Topics such as cinema, art, history, literature, etc. will be explored to develop a deeper understanding of the culture, way of life, and experiences that make speakers of the target language

different from speakers of English. A fully communicative approach will be taken in this course and will include opportunities to practice listening, speaking, reading, and writing in the target language. This course will not prepare students for the AP exam or AP course. **SCHOOL EXAMINATION. Students enrolled in French 5R, Italian 5R or Spanish 5R have the opportunity to earn 3 to 6 college credits when they co-enroll with a participating college partner.**

MODERN WORLD LANGUAGE 2 HONORS (French, Italian, Spanish)
One Credit **One Year**
Prerequisites: One credit in middle school world language and Teacher Recommendation
These honors courses follow the curriculum of 2R and 3R in one year and beyond. The students are expected to function at the "honors" level in the areas of vocabulary, grammar, culture and the four skills of listening, speaking, reading, and writing. Literature will be studied. **SCHOOL EXAMINATION.** Checkpoint B examination at the end of 3H.

MODERN WORLD LANGUAGE 3 HONORS (French, Italian, Spanish)
One Credit **One Year**
Prerequisite: French 2H, Italian 2H, Spanish 2H and Teacher Recommendation
These honors courses follow a curriculum that is beyond the scope of the 3R course. The students are expected to function at the "honors" level in the areas of vocabulary, grammar, culture and the four skills of listening, speaking, reading, and writing. Literature is studied in every unit. Checkpoint B plus supplement exam.

MODERN WORLD LANGUAGE 4 HONORS (French, Italian, Spanish)
One Credit **One Year**
Prerequisite: French 3H, Italian 3H, Spanish 3H and Teacher Recommendation
This course is beyond the scope of the 4R course. It is taught at the second-year college level. Students are expected to function at a pre-AP level in the areas of vocabulary, grammar, written expression, listening, comprehension of native speakers, and advanced reading. One of the goals of this course is to prepare the students for the AP French, Italian, and Spanish Courses in the fifth year of the world language. **SCHOOL EXAMINATION. Students enrolled in French 4H, Italian 4H or Spanish 4H have the opportunity to earn 3 to 6 college credits when they co-enroll with a participating college partner.**

ADVANCED PLACEMENT (French, Italian, Spanish)
One Credit **One Year**
Prerequisite: French 4 Honors, Italian 4 Honors, Spanish 4 Honors and Teacher Recommendation
This course is the continuation of the 4 Honors course. Heavy concentration on advanced speaking ability, reading, comprehension, written expression, and listening comprehension. In the AP Italian course there is also a strong emphasis on culture. Preparation for the Advanced Placement Examination is stressed. **ADVANCED PLACEMENT EXAMINATION AND SCHOOL EXAMINATION REQUIRED.**

SPANISH FOR NATIVE/HERITAGE SPEAKERS/LEVEL A
One Credit **One Year**
The course Spanish for Native/Heritage Speakers Level *A* provides instruction directed at students' continued development of existing competencies in the Spanish language. The course will offer Spanish-speaking students the opportunity to study Spanish formally in an academic setting in the same way native English-speaking students study English language arts. Students will reactivate the Spanish they have learned previously and develop it further to learn more about their language and cultural heritage. This course is weighted as an honors course due to the advanced pacing and coursework.

SPANISH FOR NATIVE/HERITAGE SPEAKERS/LEVEL B

One Credit **One Year**

Prerequisite: Spanish for Native/Heritage Speakers/Level A

The course Native/Heritage Speakers Level B provides instruction that furthers students' development of the competencies acquired in Level A. Students will develop specialized vocabulary through the study of various disciplines, interpret and analyze different language sources, and discuss their awareness and appreciation of different Hispanic cultures. Students are expected to confidently understand, read, write, and speak Spanish with an increased vocabulary and mastery of grammar. At the end of the course, students will take the Checkpoint B exam. This course is weighted as an honors course due to the advanced pacing and coursework.

HERITAGE/NATIVE SPEAKER SPANISH ADVANCED

One Credit **One Year**

Prerequisite: AP Spanish Language and Culture

This advanced Spanish course is designed for Native/Heritage speakers that have already mastered Spanish at the AP level. The course will be organized around Hispanic culture, identity, history, cinema, television and current events. Students will have the opportunity to explore these themes while being fully immersed in Spanish. Student choice and creativity is embedded in the course as students will influence what topics will be covered under each theme. This course is weighted as an honors course due to the advanced pacing and coursework.

ACADEMIC ACADEMIES

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Baldwin High School

Baldwin High School offers a series of Career Academies designed to provide students with a focused, relevant, and engaging pathway toward college and career readiness. Each academy includes a progression of sequenced courses, hands-on learning experiences, and opportunities to build real-world skills.

Our seven academies allow students to explore their interests, strengthen their talents, and prepare for future studies and careers:

- **Education Academy**
- **Fine & Performing Arts Academy**
- **Global Business & Entrepreneurship Academy**
- **Government & Law Academy**
- **Medical & Health Sciences Academy**
- **News, Film, and Media Academy**
- **S.T.E.A.M. Academy**

On the following pages, you will find each academy's recommended four-year course sequence, elective options, and a brief description of how the pathway supports students' post-secondary goals.

Education Academy

The Mission of the Education Academy is to provide students with a program that fosters career and college readiness through rigorous coursework and practical experience in education.

Below is the academy path, designed to allow students to specialize in specific career fields while taking courses that support their postsecondary goals. Students are encouraged to follow the recommended course sequence to maximize their learning and preparation.

Year 1 • Educational Psychology (.5 Credit)
Year 2 • Introduction to Teaching (.5 Credit)
Year 3 Options • College Psychology (.5 Credit) • A.P. Psychology (1 Credit)
Year 4 Options • College Critical Issues in Education (.5 Credit) • Senior Internship (1 Credit) • Senior Experience (3 Credits) • A.P. Research (1 Credit)

Suggested Electives:

- College Sociology (.5 Credit)
- College Public Speaking (.5 Credit)

Fine and Performing Arts Academy

The Fine and Performing Arts Academy allows students to explore and refine their specific skills and interest in the arts.

Below is the list of academy paths, designed to allow students to specialize in specific career fields while taking courses that support their post-secondary goals. Students are encouraged to follow the recommended course sequence to maximize their learning and preparation.

Music Performance Path This path prepares students for music careers through four years of ensemble courses.	**Theater Arts Path** Students in this path explore performance, staging building their theatrical skills and portfolios for post-secondary life.	**Fine and Arts Path** This path prepares students for visual arts careers.	**Graphic Design Path** This path prepares students for careers in visual communication and digital media.	**Photography Path** This path prepares students for careers and college programs in photography and visual media.
Year 1 • Ensemble* (1 Credit)	**Year 1 Options** • Art 1 (1 Credit) • Ensemble* (1 Credit)	**Year 1** • Art 1 (1 Credit)	**Year 1** • Art 1 (1 Credit)	**Year 1** • Art 1 (1 Credit)
Year 2 • Ensemble* (1 Credit)	**Year 2** • Stagecraft 1 (1 Credit)	**Year 2** • Art 2 (1 Credit)	**Year 2** • Computer Graphics 1 (.5 Credit) • Computer Graphics 2 (.5 Credit)	**Year 2** • Photo 1/2 (1 Credit)
Year 3 • Ensemble* (1 Credit)	**Year 3** • Stagecraft 2 (1 Credit)	**Year 3** • Art 3 Honors (1 Credit)	**Year 3 Options** • Art 2 (1 Credit) • Photo 1/2 (1 Credit)	**Year 3 Options** • Photo 3/4 (1 Credit) • Computer Graphics 2 (.5 Credit)
Year 4 • Ensemble* (1 Credit)	**Year 4** • Stagecraft 3 (1 Credit)	**Year 4** • Art 4/AP Studio Art (1 Credit)	**Year 4** • A.P. 2D Design (1 Credit)	**Year 4** • A.P. 2D Design (1 Credit)

**Ensemble includes Vocal Harmonies, Concert Choir, Symphony Orchestra, Chamber Orchestra, Concert Band, Symphony Band, or Wind Symphony.*

Suggested Electives for Music Performance Path:

- Music Theory (1 Credit)
- A.P. Music Theory (1 Credit)
- Senior Internship (1 Credit)

Suggested Electives for Fine Arts, Theater Arts, Graphic Design Path and Photography Path:

- Senior Internship (1 Credit)
- Senior Experience (3 Credits)

Global Business and Entrepreneurship Academy

The Mission of the Global Business and Entrepreneurship Academy is to prepare its students to manage and/own business enterprises in a global economy.

Below is the list of academy paths, designed to allow students to specialize in specific career fields while taking courses that support their post-secondary goals. Students are encouraged to follow the recommended course sequence to maximize their learning and preparation.

Entrepreneurship Path This path prepares students to become innovative leaders in a growing global economy.	**Management Path** This path prepares students for careers in business leadership and management.	**Fashion and Design Path** This path prepares students for careers in the fashion industry by combining creative design with business skills.
Year 1 • Business in the Global Economy (.5 Credit)	**Year 1** • Business in the Global Economy (.5 Credit)	**Year 1** • Business in the Global Economy (.5 Credit)
Year 2 • Modern Marketing (.5 Credit)	**Year 2 Options** • Sports and Entertainment Marketing (.5 Credit) • College Personal Finance and Business Math (.5 Credit) • Modern Marketing (.5 Credit)	**Year 2 Options** • Fashion 1 (.5 Credit) • Interior Design (.5 Credit) • Modern Marketing (.5 Credit)
Year 3 • Virtual Enterprise (1 Credit)	**Year 3 Options** • College Business Management (1 Credit) • College Accounting (1 Credit)	**Year 3 Options** • Fashion 2 (.5 Credit) • Interior Design 2 (.5 Credit)
Year 4 Options • Virtual Enterprise (1 Credit) • A.P. Business Principles and Personal Finance (1 Credit)	**Year 4 Options** • A.P. Business Principles and Personal Finance (1 Credit) • Senior Internship (1 Credit) • Senior Experience (3 Credits)	**Year 4 Options** • Fashion 3 (.5 Credit) • A.P. Business Principles and Personal Finance (1 Credit) • Senior Internship (1 Credit) • Senior Experience (3 Credits)

Government and Law Academy

The Mission of the Government and Law Academy is to provide students with a program that fosters college and career readiness through rigorous coursework and practical experiences in the areas of law and politics.

Below is the academy path, designed to allow students to specialize in specific career fields while taking courses that support their postsecondary goals. Students are encouraged to follow the recommended course sequence to maximize their learning and preparation. Students may take one or more of the classes recommended for each year.

Year 1 • See You in Court (.5 Credit)
Year 2 • Justice in the Modern World (.5 Credit)
Year 3 Options • College Law and Crime (.5. Credit) • College Public Speaking (.5. Credit)
Year 4 Options • College Economics, Issues and Ideas (1 Credit) • A.P. Government & Politics & Economics (1 Credit) • Senior Experience (1 Credit) • Senior Internship (3 Credits)

Suggestive Electives:

- A.P. Research (1 Credit)
- A.P. Language (1 Credit)

Medical and Health Sciences Academy

The Mission of the Medical and Health Sciences Academy is to provide a program that will provide students with educational and practical experiences that motivate, educate and prepare them for higher education in the field of medicine.

Below is the academy path, designed to allow students to specialize in specific career fields while taking courses that support their postsecondary goals. Students are encouraged to follow the recommended course sequence to maximize their learning and preparation.

Year 1 • Allied Health (.5 Credit)
Year 2 • E.M.T. (.5 Credit)
Year 3 • Radiology (.5 Credit) • Medical Technology (.5 Credit)
Year 4 Options • College Anatomy and Physiology (1 Credit) • Senior Internship (1 Credit) • Senior Experience (3 Credits)

Suggested Electives

- A.P. Chemistry
- A.P. Biology
- A.P. Psychology
- A.P. Research

News, Film, and Media Academy

The Mission of the News, Film and Media Academy is to provide students with opportunities to foster college and career readiness through rigorous coursework and practical experiences in new media.

Below is the academy path, designed to allow students to specialize in specific career fields while taking courses that support their postsecondary goals. Students are encouraged to follow the recommended course sequence to maximize their learning and preparation.

Year 1 • Media and Video Production (.5 Credit)
Year 2 • Investigative Journalism (.5 Credit)
Year 3 Options • College Public Speaking (.5 Credit) • Film Studies (.5 Credit) • T.V. Studio 1 (1 Credit)
Year 4 Options • T.V. Studio 1 (1 Credit) • T.V. Studio 2 (1 Credit) • Film Studies (.5 Credit) • College Public Speaking (.5 Credit) • Senior Internship (1 Credit) • Senior Experience (3 Credits)

S.T.E.A.M Academy

The Mission of the S.T.E.A.M Academy is to educate a cross-section of students with a variety of interests and strengths to infuse traditional school curricula with real world problem solving, collaboration, and inquiry-based learning.

Below is the list of academy paths, designed to allow students to specialize in specific career fields while taking courses that support their post-secondary goals. Students are encouraged to follow the recommended course sequence to maximize their learning and preparation.

Construction and Design Path This path introduces students to principles of architectural design, engineering, and project management through practical, inquiry-based learning.	**Coding Path** Students in this path will develop critical programming and software development skills through hands-on projects and real-world problem solving.	**Research Path** Students in this path will learn about research high school students to explore real-world scientific questions through hands-on experimentation, data analysis, and collaboration with mentors.
Year 1 Options • Woodworking (.5 Credit)	**Year 1 Options** • Design and Discovery (.5 Credit) • Introduction to Drones (.5 Credit)	**Year 1** • Introduction to Scientific Research and Inquiry (.5 Credit)
Year 2 Options • Advanced Carpentry (.5 Credit) • College Technical Drawing (.5 Credit) • Stagecraft 1 (1 Credit)	**Year 2 Options** • College Robotics (.5 Credit) • College Coding (.5 Credit) • A.P. Cybersecurity (1 Credit) • Applied Coding and Computer Science Principles (.5 Credit)	**Year 2 Options** *To Be Introduced in 2027-2028
Year 3 Options • College C.A.D. (.5 Credit) • College Architecture (1 Credit) • Stagecraft 2 (1 Credit) • 3D Design and Engineering Technology (.5 Credit)	**Year 3 Options** • A.P. Computer Science Principles (1 Credit) • A.P. Computer Science Applications (1 Credit) • Applied Coding and Computer Science Principles (.5 Credit) • A.P. Cybersecurity (1 Credit)	**Year 3 Options** *To Be Introduced in 2028-2029
Year 4 Options • College Architecture (1 Credit) • Stagecraft 3 (1 Credit) • 3D Design and Engineering Technology (.5 Credit) • Senior Internship (1 Credit) • Senior Experience (3 Credits)	**Year 4 Options** • A.P. Computer Science Principles (1 Credit) • A.P. Computer Science Applications (1 Credit) • Applied Coding and Computer (.5 Credit) • A.P. Cybersecurity (1 Credit) • Senior Internship (1 Credit) • Senior Experience (3 Credits)	**Year 4 Options** *To Be Introduced in 2029-2030

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BOOKLET STAFF

This booklet was compiled and organized by Mr. Stephen Saravia, Assistant Principal, with the extensive assistance of Department Directors, Supervisors, and Consultants and after consultation with the Principal, Dr. Neil Testa and Assistant Principal, Ms. Jessica Rivera. This booklet was prepared using Microsoft Word software by Ms. Andrea Wilkins.

NON-DISCRIMINATION NOTIFICATION

In accordance with the provisions of Title IX of the Educational Amendments of 1972 and Section 504 of the Rehabilitation Act of 1973, the Baldwin Union Free School District hereby advises students, parents, employees, and the general public that it offers employment and educational opportunities, including vocational opportunities, without regard to sex, age, race, color, national origin or disability.

For procedures regarding grievances under Title IX, contact the Title IX compliance officer at 516-434-6030. For procedures regarding grievances under Section 504, contact the Director of Pupil Services at 516-434-6050.

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