

Program Studies Guide

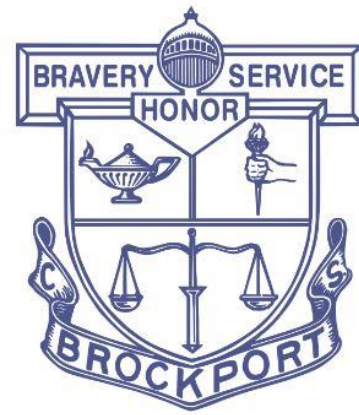
Brockport High School



2023-24

Brockport High School

40 Allen Street
Brockport, New York 14420-2296



Information provided in this guide is subject to change. Some elective courses, including Advanced Placement (AP), may be canceled or offered on alternate years based on student enrollment and/or teaching staff. Students should consult with their counselors regarding course availability.

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David Iacchetta, *High School Assistant Principal*

TBD, *High School Assistant Principal*

School Counselors

BASE and Self-Contained Programming

Dave Messbauer

Class of 2024/2026:

Ryan Zimmer

Last Names A-L

Christine Howlett

Last Names M-Z

Class of 2025/2027:

Teri Caldwell

Last Names A-L

David Messbauer

Last Names M-Z

Brockport High School

Mission Statement

Our diverse community will work to personalize our students' education through open communication, modeling expectations and providing a trusting environment that is tolerant of others. We will collaborate to provide the skills needed for our students to succeed in the 21st century. In doing so, we will prepare our students for post-secondary education, the work force or military, and develop productive citizens who are critical thinkers and value lifelong learning. Additionally, we expect our students to meet or exceed New York State and national academic standards and to lead a healthy lifestyle.

Education Program

To prepare our students for life after high school (college, the world of work), we offer a comprehensive educational program. It is the goal of our educational program to meet the academic needs of all students, support student skill development and facilitate identification of student interests. The Program Studies Guide is an informative resource provided to the public. Specific questions should be first addressed to the student's assigned counselor.

Equal Education Opportunities

Title IX and Section 504

The Board of Education of the Brockport Central School District does not discriminate on the basis of sex, race, color, national origin or handicapping condition in the educational programs or activities which it operates and is in full compliance with Title IX of the Educational Amendments of 1972 and Section 504 of the Rehabilitation Act of 1973. The Board's policy of non-discrimination includes the following: recruitment and appointment of employees; employment pay and benefits; counseling services for students; access by students to educational programs; course offerings and student activities.

The District official responsible for the coordination of activities relating to the above compliance is the Assistant Superintendent for Human Resources, Brockport, NY 14420, (585) 637-1915. This official will provide information including complaint procedures to any student, employee or person who feels that their rights have been violated by the District or its officials.

Release of Directory Information

The Family Educational Rights and Privacy Act (FERPA) limits access to certain student documents. As part of FERPA, certain information called “directory information”, is not considered confidential information and may be released to outside agencies under the Freedom of Information Act. Brockport Central School District considers a student’s name, address and telephone number as “directory information” and will release that information to colleges, military recruiters and news media unless notified not to release by parents.

The District also uses directory information for publications such as newsletters and brochures and in articles posted on the BCSD website.

Parents and students age 18 or older have the right to tell us that any or all of the above directory information should not be released without prior consent. If you wish to exercise that right, please notify us in writing, telling us what information you do not want us to release without prior consent. Send letters to:

Registrar’s Office
Brockport Central School District
40 Allen Street
Brockport, NY 14420

Student Records

The District has adopted Policy and Regulation 7240 regarding student records. Individual copies of that policy and regulation are available at each school or the Administration Office. Policy and regulation require that student records, with the exception of directory information, are not open to the general public without written consent. Records will be available to various persons, institutions or agencies, for specific reasons in accordance with BOE policy, related to the student or the school system.

Parents can inspect and review their children’s records. Students age 18 or older have the same right. If parents, or students 18 or over, believe that any record is wrong or misleading or violates the student’s rights, they may ask the District to amend the record and may have a hearing held to present evidence about the record if they wish. The District will provide copies of student records to the parent or student age 18 or over.

Anyone who believes the District has violated the federal laws governing student records may file a complaint with the federal government by writing to: The Family Policy Compliance Office, U.S. Department of Education, 400 Maryland Avenue, SW, Washington, D.C. 20202-4605.

Graduation Requirements

Updated June 2022

New York State Diploma Requirements Applicable to All Students Enrolled in Grades 9-12

Credit Requirements

(Apply to all diploma types: local, Regents, Regents with advanced designation)

	Minimum number of credits
English	4
Social Studies <i>Distributed as follows:</i> <i>U.S. History (1)</i> <i>Global History and Geography (2)</i> <i>Participation in Government (½)</i> <i>Economics (½)</i>	4
Science <i>Distributed as follows:</i> <i>Life Science (1)</i> <i>Physical Science (1)</i> <i>Life Science or Physical Science (1)</i>	3
Mathematics	3
World Languages	1 ^(**)
Visual Art, Music, Dance, and/or Theater	1
Physical Education <i>(participation each semester)</i>	2
Health	½
Electives	3 ½
Total	22

^(**)Students with a disability may be excused from the requirement for 1 unit of credit in World Languages if so indicated on their IEP, but they must still earn 22 units of credit to graduate.

1.) Pathways

A student must either:

- earn the [Seal of Civic Readiness](#); or
- pass an additional Regents Exam or Department Approved Alternative in a different course (English, mathematics, science, or social studies); or
- pass a Department Approved Pathway Assessment (Arts, CDOS, World Languages); or
- successfully complete a NYSED-approved CTE program, including the associated 3-part technical assessment; or
- successfully complete all the [requirements for earning the CDOS Commencement Credential](#).

Beginning in fall 2022, a select number of NYS schools will pilot the [Individual Arts Assessment Pathway \(IAAP\)](#). Reference [Multiple Pathways](#) and [Department Approved Alternative Examinations](#).

2.) Traditional Appeals

All appeals are subject to local district approval. Reference: [Appeals, Safety Nets, and Superintendent Determination](#)

3.) Special Endorsements

Honors: A student earns a computed average of at least 90 on the Regents Exams applicable to either a Regents diploma or a Regents diploma with advanced designation. No more than 2 Department approved alternatives can be substituted for Regents Exams. The locally developed Checkpoint B examination in World Languages is not included in the calculation.

Mastery in Math and/or Science: A student meets all the requirements for a Regents diploma with advanced designation AND earns a score of 85 or better on 3 math Regents Exams and/or 3 science Regents Exams.

Technical Endorsement: A student meets the requirements for either a local diploma, a Regents diploma or a Regents diploma with advanced designation AND successfully completes a Department approved CTE program including the 3-part technical assessment.

Seal of Biliteracy: A student meets the criteria for earning the [NYS Seal of Biliteracy](#).

Seal of Civic Readiness: A student meets the criteria for earning the [NYS Seal of Civic Readiness](#).

Reference the [Endorsements and Seals webpage](#) or [NYS Diploma/Credential Requirements](#) for additional information related to awarding special endorsements to students with exam exemptions due to COVID-19.

4.) World Languages Exemption

Students with a disability may be excused from the required units of credit in World Languages if so indicated on their IEP, but they must still earn 22 units of credit to graduate. Such student who seeks a Regents diploma with advanced designation does NOT have to complete the 5-unit sequence in the Arts or CTE in lieu of the sequence in World Languages in order to meet the assessment requirements for the advanced diploma.

5.) Superintendent Determination of a Local Diploma

Students with a disability who are unable to attain a local diploma through the various safety net provisions may be eligible for a Superintendent Determination of a local diploma under certain conditions. Reference: [Appeals, Safety Nets, and Superintendent Determination](#)

6.) Flexibilities due to the COVID-19 Public Health Emergency

Exemptions: Students granted an exemption from any exam due to COVID-19 are not required to pass such specific exam to meet the assessment requirements for any diploma type. Reference the following FAQs: [June/August 2020](#), [January 2021](#), [June/August 2021](#), and [January 2022](#)

Special Appeals: Eligible students may use lower scores (50-64) on Regents Exams taken during the 2021-22 or 2022-23 school year to meet the assessment requirements for any diploma type. Reference: [Special Appeals Memo](#) and [FAQ](#).

Special Determination: Students who are scheduled to graduate in **June 2022** and either do not qualify for a Special Appeal or who are unable to participate in one or more required Regents Exam(s) because of illness, including isolation restrictions due to COVID, may request a [Special Determination to Graduate with a Local Diploma in June 2022](#).

7.) Exemptions from the Regents Exam in US History and Government (Framework)

Eligible students shall be granted an exemption from the June 2022, August 2022, or January 2023 Regents Exam in US History and Government (Framework). Reference: [FAQ on Cancellation of Regents Exam in US History and Government \(Framework\)](#)

Graduation Requirements

Updated June 2022

Assessment Requirements

	Regents Diploma for All Students		Regents Diploma via Appeal for All Students		Local Diploma via Appeal for All Students		Local Diploma for Students with a Disability		Local Diploma via Appeal for English Language Learners	
REGENTS EXAM or passing score on a Department approved alternative	# of Exams	Passing Score	# of Exams	Passing Score	# of Exams	Passing Score	# of Exams	Passing Score	# of Exams	Passing Score
English Language Arts (ELA)	1	65 ¹	1	1 Regents exam with a score of 60-64 for which an appeal has been granted by the district and all remaining Regents exams with a score of 65 ¹ or above	1	2 Regents exams with a score of 60-64 for which appeals have been granted by the district and all remaining Regents exams with a score of 65 ¹ or above	1	55 ^{**}	1	Either the ELA Regents exam with a score of 55-59 for which an appeal has been granted by the district, and all remaining Regents exams with a score of 65 ¹ or above, <u>OR</u> 1 Regents exam with a score of 60-64 and the ELA Regents with a score of 55-59 for which appeals have been granted for both by the district, and the remaining Regents exams with a score of 65 ¹ or above [†]
Math	1	65 ¹	1		1		1	55 ^{**}		
Science	1	65 ¹	1		1		1	55 ^{**}		
Social Studies	1	65 ¹	1		1		1	55 ^{**}		
Pathway (See note 1 on reverse side)	1 or CDOS	65 ¹ if Regents Exam	1 or CDOS		1 or CDOS		1 or CDOS	55 ^{**} if Regents Exam	1 or CDOS	
Compensatory Safety Net	Non-Applicable		Non-Applicable		Non-Applicable		Scores of 45-54 on any required Regents exam (except ELA and Mathematics) can be compensated by a score of 65 ¹ or above on another required Regents exam including ELA and Mathematics.		Non-Applicable	

Regents Diploma with Advanced Designation

<p>Students seeking the Regents diploma with advanced designation must:</p> <ul style="list-style-type: none"> • Meet the credit and assessment requirements for a Regents diploma; and • Pass two additional Regents exams or Department approved alternatives in mathematics; and • Pass one additional Regents exam or Department approved alternative in science <ul style="list-style-type: none"> ○ students seeking advanced designation must pass at least one Regents exam or Department approved alternative in both sciences (one life and one physical); and • Complete a sequence: <ul style="list-style-type: none"> ○ earn an additional 2 units of credit in World Languages and pass a locally developed Checkpoint B World Languages examination, or ○ complete a 5 unit sequence in the Arts, or ○ complete a 5 unit sequence in CTE.

Assessment Combinations for Advanced Designation

Traditional Combination	ELA, Global History and Geography, US History and Government, 3 mathematics, 2 science (1 life science, 1 physical science) = 8 assessments
Pathway Combination (other than STEM)	ELA, 1 social studies, 3 math, 2 science (1 life science, 1 physical science), 1 Pathway (other than science or math) = 7 (+Pathway) or 8 assessments.
STEM (Mathematics) Pathway Combination	ELA, 1 social studies, 4 math [‡] , 2 science (1 life science, 1 physical science) = 8 assessments.
STEM (Science) Pathway Combination	ELA, 1 social studies, 3 math, 3 science (at least 1 life science, at least 1 physical science) = 8 assessments.

* A student with a disability may appeal scores between 52 and 54 on up to two Regents examinations in any discipline and graduate with the local diploma. Reference [New York State Diploma/Credential Requirements: Local diploma for Students with Disabilities](#).

^ In the event a student with a disability is unable to attain a passing score on any Regents examination, the student may be eligible for a Superintendent Determination of a local diploma. Reference [Appeals, Safety Nets, and Superintendent Determination](#).

† English Language Learners seeking an appeal for a score of 55-59 on the ELA Regents Exam are only eligible if they entered the United States in grade 9 or after and were classified as an English Language Learner when they took the test the second time. Reference [New York State Diploma/Credential Requirements: Local diploma for English Language Learners](#).

‡ The 4th mathematics examination can be selected from the list of [Department Approved Alternative Examinations](#).

† For the purposes of determining a student's diploma type, exemptions and Special Appeals should be considered passing scores. Both exemptions and [Special Appeals](#) may be applied to all diploma types.

General Academic Information

Unit of credit

A unit is the measure of credit which a student earns for successfully completing a subject for one school year. These courses meet for the entire year for one class period. Other courses meet for half the year. The student receives 1/2 unit of credit, with the exception of PE which meets throughout the school year and receives 1/2 unit of credit.

Passing grade

In order to earn course credit, a student must attain a final grade average of at least 65%.

Graduation participation policy

In order to participate in the June Commencement ceremony, you must complete all requirements for graduation by June.

Course load

There is an extensive course selection process used at BHS each year to design the current year's schedule. At the start of each semester, the only changes that may be considered in a student's schedule will be level changes after a discussion between student, teacher, counselor, parent and assistant principal. For example, a student could possibly be moved from Economics Honors to Economics.

In the case of extenuating circumstances, consideration of a dropped course will be made at the administrative level; however, the dropped course will be reflected in the student transcript as Withdrawal Failure (WF) or Withdrawal Passing (WP).

Alternative methods to obtain high school credit:

Credit by examination

As part of the Regents Action Plan, students may earn credit toward a diploma through the credit by examination alternative.

To pursue this option, students must:

1. Receive parental permission
2. Receive a recommendation from a prior teacher in the subject area in which the request is made.
3. Earn a score of at least 85% on a qualifying pretest.
4. Complete a project or oral exam to demonstrate proficiency in the subject matter.

The application form for credit by examination is available in the Counseling Office.

Independent study

Independent study, for credit, may be available to meet special individual needs of students in grades nine (9) through twelve (12) in those subject areas approved by the high school principal. Requests for independent study must be made to a sponsoring teacher and receive approval from the department chair, the student's counselor, parent, teacher and the high school principal prior to beginning the independent study.

Dual credit for college courses

All students who have demonstrated intellectual and social maturity may choose to take college level courses at accredited colleges or universities. Such opportunities may include early admission to college, collegiate-level work offered in the high school, or other means of providing advanced work. Review and approval by the administration are necessary before any college course may be taken during the school day. If interested, please see teacher for further information.

The Board shall not be required to pay tuition and other related costs for those high school students enrolled in college courses. Students who wish to enroll in college level coursework shall meet all academic, grade level and coursework requirements as set forth by administrative rules and regulations.

Special Academic Programs

Advanced Placement (AP) Program

The Advanced Placement Program is a program of college-level courses and exams for high school students. Many of the nation's colleges give credit and/or advanced placement to students whose AP examination grades are considered acceptable. Each college uses the AP program in a unique manner; some colleges participate in the program less fully or not at all. Students who are interested in the Advanced Placement Program are urged to learn the policies at colleges they are considering by corresponding directly with appropriate officials there.

Brockport offers Advanced Placement courses with the expectation that students enrolled in each course take the AP examination in May as a part of the course credit. There is a fee that College Board sets for the exams which is published each fall. Students will register with assistance from each of their AP teachers during the first few weeks of school in the AP classroom for access to learning modules from the College Board. This registration will also automatically order each student an exam for each course in which student is enrolled. Students who qualify for free/reduced lunch will receive a reduced exam fee. Students who do not qualify for free/reduced lunch but have financial difficulty should contact the principal as soon as possible in the fall to discuss payment options. Methods of payment and deadlines will be released each fall.

Information about specific AP courses can be found at the College Board website at <https://apstudent.collegeboard.org/home>.

English Language Learners (ELL)

Limited English-proficient students are assigned to a small group setting. The primary focus of the program is to assist these pupils in the development of listening, speaking, reading and writing proficiencies in the English language. The ELL teacher assists students in making the cultural transition along with working cooperatively with selected content area teachers to reinforce language and content area skills. Individual cultural and academic needs are taken into consideration.

Liberty Partnerships Program (LPP)

This program is funded by a competitive grant through the NYS Department of Education. LPP provides free services to students during the school day as well as community service activities and field trips related to mentorship and academic support. These services include college tours, career awareness and exploration, cultural and enrichment activities, book clubs, community service projects and homework assistance. The program offers lunch time and after-school support for enrolled students.

3-1-3 Program

The 3-1-3 Program is an alternative enrichment program for seniors who are planning to attend college upon graduation from high school. The Brockport Central School and the State University College at Brockport cooperate in offering a combined academic program for seniors who are academically motivated and want to bridge the gap between secondary education and higher education.

The 3-1-3 program consists of three years of high school followed by a senior year during which a student takes three courses, in addition to Physical Education, at the high school (two of which must be approved for college credit) and enrolls in at least two college courses each semester. The program permits a student to meet all requirements for high school graduation and potentially complete the first year of a baccalaureate degree.

Students eligible for the 3-1-3 Program will be required to meet the following requirements:

1. Successfully complete their junior year of high school;
2. Be eligible to enroll in advanced placement courses or equivalent advanced-standing courses at the high school;
3. Meet the admission standards recommended by the State University College at Brockport.

An application process is required. The SUNY Admissions Office will review the credentials and will be responsible for making final admission decisions. See your school counselor for more information.

BHS NCAA Approved Courses

Legal disclaimer: The list of NCAA courses, and courses contained within, are maintained as a guide for prospective student-athletes seeking NCAA initial-eligibility. The list of approved courses does not, nor is intended to, signify accreditation, certification, approval or endorsement of any high school or specific courses by the NCAA or NCAA Eligibility Center and is subject to change at any time and without notice. Core course information included on this page is provided for

guidance purposes only and should not be solely relied on as an indication of NCAA initial-eligibility. Certification of a prospective student-athlete is case-specific, and the Eligibility Center has the authority to determine in its sole discretion whether the prospective student-athlete has met all criteria.

Please discuss your intentions with your school counselor and coach for further clarification.

English	Math	Social Studies	Science	World Languages
English I	Algebra 1A	Global I	Earth Science	Spanish/French 1
English I H	Algebra 1B	Global II	Living Environment	Spanish/French 2
Pre-AP English II	Algebra 1	AP World History I	AP Biology	Spanish/French 3
English II	Geometry	AP World History II	Chemistry	Spanish/French 4
English III	Algebra 2	US Hist. & Govt.	Chemistry H	Spanish/French 5
AP English III	Pre-Calculus	AP US Hist. & Govt.	AP Chemistry	
English IV	Pre-BC Calculus	AP US Govt. & Politics	Environ Science	
AP English IV	AP Statistics	Govt./Economics	AP Environ Science	
3-1-3 English IV	AP Calculus AB	Govt./Economics H	Physics	
Creative Writing	AP Calculus BC	AP Microeconomics	AP Physics	
		General Psychology	AP Physics I	
		AP Psychology	Forensic Science	
		AP European History	Human Anatomy	
		Sociology	Astronomy	
		Crime, Punish, Rights		
		Students in Action		

AP Course Offerings:

Dual Credit Course Offerings:

These courses offer opportunities to earn dual credit. This is based on college guidelines.

Art:	Science:
AP Studio Art Drawing & 2-D Design	AP Biology
AP Studio Art 3-D Design	AP Chemistry
	AP Physics 1- Algebra Based
	AP Environmental
English:	Social Studies:
AP English Language & Composition	AP World History I & II
AP English Literature & Composition	AP United States History
	AP European History
	AP Microeconomics
Math:	AP US Government and Politics
AP Calculus AB	AP Psychology
AP Calculus BC	
AP Statistics	Technology:
	AP Computer Science A
Music:	
AP Music Theory	

Business:	Health:
Entrepreneurism	Life and Death
Exploring the Teaching Profession	Technology:
MS Office	Electronics I
Essential Computing Skills	DDP Foundations of Technology
Personal Financial Planning	
Introduction to Business	

New York State Seal of Biliteracy Program Brockport High School



What?

Brockport Central School District is pleased to announce participation in the New York State Seal of Biliteracy Program. In recognition of the importance of a love of languages, biliteracy and a culturally diverse community, many states are offering pathways to earn this accredited honor. The New York State Seal of Biliteracy (NYSSB) honors high school graduates who have attained a high level of proficiency in one or more languages, in addition to English. This distinction will be celebrated on graduation day with a diploma endorsement and the opportunity to wear a medallion.

Who?

The Seal of Biliteracy is awarded to high school students who can demonstrate mastery of two languages (one of which is English) through the completion of a variety of checkpoints. Mastery is defined in the attached criteria charts.

In collaboration with the NYSSB Committee, World Language Teachers and the counseling department, students will be supported as/if appropriate through the process.

All applications will be supported to the best of the District's ability. We commit to work with the community to support all students in all pathways to reach the NYSSB.

Why?

- Become a global citizen
- Celebrate a love for languages
- Celebrate cultural diversity
- Enhance college applications, scholarship opportunities
- Engage in civic readiness
- Honor your heritage/home language
- Increase future employment opportunities
- Reach 21st Century skills
- Strive to excel in your second language

How?

BHS has established two pathways to pursue the NYSSB. Please complete the survey on the Brockport High School webpage under the World Languages Academic Program if you are interested and for additional information.

When?

Interested students will apply to the NYSSB Committee by November 30 of their Junior or Senior year.

However, students can start planning to earn the NYSSB by setting personal goals earlier and selecting courses accordingly.

Counseling Services



School Counselors

The Brockport High School counseling program follows the professional model endorsed by the American School Counselor Association: "Counseling is a process of helping people by assisting them in making decisions and changing behavior. School counselors work with all students, school staff, families and members of the community as an integral part of the education program. School counseling programs promote school success through a focus on academic achievement, prevention and intervention activities, advocacy and social/emotional and career development."

School Psychologist

The school psychologist has specialized competencies in assessment, remediation strategies and research. Understanding of the learning process, interpersonal relationships and personality dynamics are areas in which they provide help. Within the school, they serve as consultants and diagnosticians with respect to the behavior and educational management of the individual child's learning situation. In addition to being a standing member of the District Committee on Special Education (CSE), the high school psychologist is also responsible for coordinating and chairing subcommittee on special education meetings at the building level.

School Social Worker

The social worker is trained in the dynamics of human development, interpersonal relationships, and techniques of community organization and action. The social worker works with parents, students, school personnel and community agencies in helping students participate more fully in their school program. The social worker fosters communication between home and school and actively works with families to promote positive problem-solving skills. The school social worker may also assist in linking students and families to appropriate community agencies for assistance.

Delphi Rise Prevention Counseling

This program addresses a number of protective factors by teaching skills, information dissemination, education, positive alternatives and early intervention. Delphi counselors have direct contact and involve students who may be "at risk" for substance abuse with the context of the school environment and access to preventative services. The Delphi counselor provides assessments, individual counseling services, group counseling, evidence-based programs, resources and referrals. Services are provided at no cost.

Inclusive Education Services



Special Education Teachers

Special Education teachers are trained to work with students who have been identified by the Committee on Special Education (CSE) as having a disability. A variety of special education programs, ranging from consultant-teacher classes to self-contained classes are available within the District. Special Education teachers work closely with parents, school administrators, counselors and other classroom teachers in order to develop individualized educational programs.

Individualized Transition Plans

Students also have an Individualized Transition Plan (ITP) which is required by law when the student reaches age 14. The ITP helps students prepare for careers, employment, post-secondary education and other aspects of adult life.

Our students play the most important role in this process as they practice goal-setting and decision-making skills with our transition counselor.

Individualized Education Programs

The student IEP is both a process and a product which contains several elements that are required by law. They include:

- A summary of the student's present performance level
- Long-term educational goals
- Short-term objectives for meeting each goal
- A list of special education and support services, materials, and interventions to be provided, including timetable and personnel

Grade-level Programming

This program offers support with organization, study skills, literacy skills and math skills through abbreviated instructional lessons within the resource room.

Consultant Teacher Services

Consultant teacher services are provided for students with mild handicapping conditions. Special Education teachers go into the student's content class(es) to assist with instruction. Special Education consultant teachers work as a team with the student's classroom teachers to ensure individual needs are met.

Appropriate Learning Environments

"Least restrictive environments" at BHS include self-contained classrooms with teacher/student ratios of 12:1:1.

School Health Services

School nurses

School nurses work with children, parents and other professionals of the pupil services team. Their responsibilities include treatment of students' unique health conditions by executing medical regimens as prescribed by licensed physicians and practitioners, performing health assessments to identify acute illness and required emergency care, maintenance of health records and medical documentation, oversight of compliance of immunization requirements and annual screenings required by NYSED guidelines and law. They are members of several interdisciplinary teams and committees to contribute, plan and implement procedures related to school health and safety issues.

School Library Services

The mission of the High School Library Program is to ensure that students and staff are effective and critical users of ideas and information. Our goal is to support and enrich the educational program by providing instruction, materials and services to students and staff in the High School.

Resources include over 18,000 books, an extensive up-to-date reference collection, current periodicals and daily newspaper. The library also provides access to eBooks and audio books through Overdrive as well as videotaping and streaming services from BOCES 2.

The high school has a web-based catalog, which allows students and staff to search for, and place holds on, books in our collection. In addition to a web-based catalog, the library also subscribes to several products through the Internet. These include reference and periodical databases such as *ProQuest*, *Teen Health and Wellness*, and *Science in Context*. These programs provide students and faculty with access to thousands of full-text newspaper and magazine articles, reference books, television and radio transcripts, literary criticisms, eBooks and other reliable sources. These online resources allow for remote access and these remote options make the library resources available 24 hours a day/7 days a week!

Teachers and students can also access the regional union catalog, 5 Systems, which searches five regional school library systems at once. It is accessed through the Internet. The High School Library uses the School Library System (BOCES 2) interlibrary loan service to borrow books for students and staff from academic, public, and school libraries. Our library also has online access to the Monroe County Library System and Drake Memorial Library at The College at Brockport.

As a member of the instructional staff, the Teacher Librarian

provides individual and group instruction in the use of print and online resources to facilitate the research process.

Students are also encouraged to use and enjoy our resources for recreational reading. Collections of popular magazines, contemporary fiction and non-fiction books provide both students and staff with plenty of choices. The library staff also conducts book discussion groups throughout the year. This all provides an added dimension to the role of the Library Media Center in the students' total learning experience.

In order to provide students with ample opportunity to take advantage of these resources, library hours are extended until 5 p.m. Monday through Thursdays and until 3 PM on Fridays.

Academic Intervention Services (AIS)

Academic Intervention Services (AIS) are non-credit bearing services designed to help students achieve the learning standards in English language arts, mathematics, social studies, and science. These services include two components:

- Additional instruction that supplements the general curriculum (regular classroom instruction)
- Student preparation for NYS Regents exams required for graduation

AIS is a state-mandated support service designed to help students who need additional time, instruction and/or support to achieve academic success as defined by the New York State standards. Students are identified as eligible for AIS if their performance is below the New York State or district-established standard on one or more of the required assessments. AIS services vary in intensity depending on student needs. Students with the most intense needs would receive scheduled services for a longer duration and with more individualization.

High School Guidelines for AIS

In order for students to be appropriately placed for services, multiple measures are used to make determinations.

For those students who have been assessed through the 8th Grade NYS assessment, the following benchmarks are used as a baseline:

- Students who score at a level 1 or a lower level 2 will receive the most intensive services.
- Students who score at an upper level 2 will receive services at a monitor level through Tier I instruction from their English teacher.

AIS ELA - Literacy Skills Course Description

The AIS ELA intervention is designed to improve students' literacy skills through the instruction and practice of reading and writing strategies. Students will:

- Learn and practice a variety of reading strategies to improve comprehension
- Read and analyze literature using graphic organizers
- Learn about and practice identifying and analyzing an author's use of literary elements/devices
- Set literacy-based goals
- Practice writing using guided outlines and other graphic organizers
- Learn and practice test-taking strategies
- Reflect on our progress many times throughout the year
- Discuss the importance of being effective readers and writers in everyday life
- Develop their vocabulary through instruction on Tier 2 vocabulary words

- Improve reading fluency and stamina
- Experience a literacy-rich environment in which assignments are differentiated and scaffolded in order to meet their individual needs and build upon their strengths.

In addition to using NYS assessment scores, or for students who did not sit for and receive a score, the following measures will be considered:

- Report card scores indicating performance in English class
- Report card scores indicating performance in other core class areas
- Teacher recommendation based on class assessments, participation, performance and/or engagement
- Case managing team including but not limited to: school counselor, school psychologist, administration, school social worker, elective teachers and AIS teacher
- SRI, MAP Growth, i-Ready and/or F&P assessments

Algebra AIS

This class is a non-credit bearing class that is mandated by NYS. All students performing below the median scale score between a Level 2/partially proficient and a Level 3/proficient on a Grade 3-8 Mathematics state assessment shall be considered for AIS. Other measures used to help identify students who need AIS include previous assessments, MAP, i-ready, and teacher recommendation. The purpose of this class is to provide extra support that is targeted towards closing the academic gaps and promoting personal confidence in math. Some instructional strategies will include scaffold instruction, pre-teach vocabulary, pre-teaching topics, teacher modeling, and note-taking strategies.

Art Department



All students are required to complete one (1) unit of Art or Music. A five-unit sequence is achieved by completing Studio in Art and additional courses that total four units of art. The submission of a portfolio is required by those students planning to use art as a sequence for their Regents diploma for Advanced Designation. Advanced Placement credit is available for students taking Advanced Studio in Art, Portfolio Development, and 3-D Art and Design.

For an Advanced Designation Diploma, students must earn at least three credits in World Language and pass the Regional Exam with a 65 or higher, or take one credit of language PLUS a sequence of 5 credits in one of the following areas of study: Technology or Art or Music or Business or WEMOCO. See your Counselor for more information.

Studio In Art

Grades: 9-12
Prerequisite: None
Examination: Local & Portfolio Assessment

Length: Full Year
Credit: 1.0

Studio in Art is a comprehensive foundation course that develops 21st century critical thinking skills, creativity and problem-solving skills. It provides the student with a range of art experiences emphasizing visual perception and the development of drawing and design skills in creating works of art. Students gain knowledge of art materials and resources, respond to and analyze works of art and gain understanding of the cultural dimensions and contributions of art. Studio in Art meets the one unit of art or music requirement for graduation. It is the prerequisite for all other advanced level courses in the BHS Art program. A sketchbook is required and a portfolio is initiated.

Drawing & Painting I

Grades: 10-12
Prerequisite: Studio in Art
Examination: Portfolio Assessment

Length: Full Year
Credit: 1.0

This is a course designed to develop the student's artistic skills in drawing and painting through the exposure to a variety of techniques and materials. There is a continued study of the cultural and historic influences on art-making as well as the development of creativity, critical thinking and problem solving skills. A sketchbook is required of each student.

Drawing & Painting II

Grades: 11-12
Prerequisite: Drawing and Painting I
Examination: Portfolio Assessment

Length: Full Year
Credit: 1.0

Drawing & Painting II offers in-depth study of a wide variety of media and techniques. Students will study and be inspired by the art works of contemporary and master artists and art movements. Students are exposed to a wide array of visual experiences that encourage creativity, critical thinking and problem solving. A sketchbook is required of each student. Work must be saved for portfolio development.

*Senior art majors may take Drawing & Painting II and AP Studio Art Drawing & 2-D Art and Design or AP Studio Art 3-D Art and Design simultaneously.

Studio in Ceramics I

Grades: 10-12
Prerequisite: Studio in Art
Examination: Portfolio Assessment

Length: Semester
Credit: .5

Ceramics I is an introductory course that will acquaint the student with the processes and techniques of handcrafted clay construction. Students will be encouraged to create individual designs in clay and understand the relationships of form and function. This course includes experimentation with various methods of clay hand-building. Students will also be made aware of the historic and contemporary uses of clay as well as how rendering of clay objects employs the same basic elements of artistry and craftsmanship that are common to all forms of art.

Studio in Ceramics II

Grades: 10-12
Prerequisite: Studio in Ceramics I
Examination: Portfolio Assessment

Length: Semester
Credit: .5

This course is designed for students interested in developing further clay construction and glazing skills. This course covers many advanced and sculptural approaches to working with clay. Students draw upon their knowledge of the historic and aesthetic aspects of clay construction, as they strive to create ceramic pieces of greater complexity.

Studio in Jewelry & Metals

Grades: 10-12
Prerequisite: Studio in Art
Examination: Portfolio Assessment

Length: Semester
Credit: .5

The primary focus of this course is to acquaint students with the process of metalsmithing. Students will be expected to apply their knowledge of the basic principles and elements of art learned in Studio in Art to designing jewelry or small sculptural items. Students will learn the basics of various hand and power tools as well as silver soldering techniques. A variety of materials will be used.

Photography I

Grades: 10-12
Prerequisite: Studio in Art
Examination: Local and Portfolio Assessment

Length: Semester
Credit: .5

This course is designed to give students an understanding of photography as both a means of communication and as an art form. Topics will include: the history of photography, use of a SLR camera, developing film, making quality prints, mounting photographs for display, careers in photography and the critical evaluation of photographs using appropriate terminology. Students will create a portfolio of their photographic work.

Photography II

Grades: 10-12 **Length:** Semester
Prerequisite: Photo I, Studio in Art **Credit:** .5
is strongly recommended
Examination: Portfolio Assessment

This course builds upon the traditional photographic processes learned in Photo I as well as the use of computer and digital technology, the use of a digital camera and digital imaging software into the making of photographic images. Students will complete a portfolio of work demonstrating their knowledge of these advanced skills.

Studio in Computer Art

Grades: 10-12 **Length:** Semester
Prerequisite: Studio in Art **Credit:** .5
Examination: Portfolio Assessment

This course is designed to familiarize students with computer graphics applications, creative problem solving and innovation skills. Students will work with the Adobe Creative Suite, Photoshop, Illustrator and iMovie. Students will learn basic illustration, drawing, painting, multimedia, photo manipulation skills and the Mac computer interface. A digital portfolio of artwork will be created.

Studio in Media Arts

Grades: 11-12 **Length:** Semester
Prerequisite: Studio in Art and Studio **Credit:** .5
in Computer Art.
Photo II highly recommended.
Examination: Portfolio Assessment

This course will introduce students to visual and media literacy while encouraging students to be creative, critical thinkers. Students will work with the Adobe Creative Suite (Photoshop, After Effects), video editing software, (iMovie) and 3D animation software. Students will explore techniques including 3D rendering and animation, basic cinematography and movie-making. This course incorporates the use of digital photography, digital video and the Mac computer interface. A digital portfolio of artwork will be created.

Studio In Sculpture

Grades: 10-12 **Length:** Semester
Prerequisite: Studio in Art **Credit:** .5
Examination: Portfolio Assessment

This course will introduce students to the fundamental skills used to create three-dimensional design and sculptural works of art. With an emphasis on studio production, students will explore a variety of materials, sculptural processes and basic design concepts of form, mass and space in sculpture. Students will learn the proper and safe use of basic tools required to create three-dimensional forms. The course will include both traditional and contemporary approaches through an ongoing discussion of the history of sculpture and research of contemporary artists.

AP 2-D Art and Design and AP Drawing

Grades: 12 **Length:** Full Year
Prerequisite: Drawing & Painting II **Credit:** 1.0
or Photo I, Photo II
and Studio in Computer
or Teacher Permission

Examination: AP and Portfolio Assessment

This college-level course is an opportunity for students to explore more advanced art techniques while fulfilling the Advanced Placement requirements for either the Drawing Portfolio or Two-Dimensional Design Portfolio. Students may earn college credits by submitting a specific portfolio of work. Registration in both AP Studio and Portfolio Development is recommended. Students may be enrolled in Drawing and Painting II and AP simultaneously.

AP 3-D Art and Design

Grade: 12 **Length:** Full Year
Prerequisite: Studio in Art, and two **Credit:** 1.0
of the following: Studio in
Ceramics I, II, Studio in Sculpture,
Studio in Jewelry and Metals
or Teacher Permission

Examination: AP and Portfolio Assessment

This college-level course addresses a broad interpretation of sculptural issues in depth and space. Students will explore a variety of three-dimensional forms and techniques. Such approaches may be additive, subtractive and/or fabricated that may include traditional sculpture, ceramics or metalwork. Students will receive individualized instruction to successfully complete the 3-D Design Portfolio requirements for Advanced Placement credit and prepare a college art program admission portfolio.

Portfolio Development

Grade: 12 **Length:** Full Year
Prerequisite: Enrollment in AP **Credit:** 1.0
Studio Art Drawing & 2-D or
Design or 3-D Design or
Drawing and Painting II or
Photo I & Photo II or
Teacher Permission

Examination: Portfolio Assessment

This course provides students enrolled in AP Drawing, AP 2-D Art and Design or AP 3-D Art and Design to further develop their portfolios. It also provides advanced students not taking AP Art with the opportunity to develop an advanced portfolio. Classwork will emphasize creativity, individual expression, problem solving and innovation.

Business and Career Education Department



Students may take any Business class as long as they have fulfilled the prerequisite requirements.

OR

Students will be eligible to receive a NYS Career and Technical Education (CTE) endorsement seal on their diploma if they complete one of the three pathways outlined below, complete a work-based learning experience and passed the national industry assessment.



BHS CTE Endorsement in Business- Select One of the Three Pathways (5 credits each)

The Business Department offers three pathways through which a student can attain a CTE Endorsement on their high school diploma. This diploma designation indicates a student has completed a sequential and rigorous series of business classes, participated in a work-based learning experience, and passed a national industry assessment.

Required Foundation Courses (2.5 credits)

- *Microsoft Office (1)^{cc}
- *Career and Financial Management (1/2)
- *Career Internship (1)

Choose one of the three pathways below:

Finance Pathway

(2.5 credit total)

Required courses:

- PFP (1/2)^{cc}
- Accounting (1)^m
- Entrepreneurism (1)^{cc}

Marketing Pathway

(2.5 credit total)

Required courses:

- Intro. to Business (1/2)^{cc}
- Intro. to Marketing (1)^{cc}
- Sports and Entertainment Marketing (1)

General Business Pathway

(2.5 credits total)

Required Courses:

Intro. to Business (1/2)^{cc}

Pick two of the following:

- Accounting (1)^m
- Entrepreneurism (1)^{cc}
- Intro. to Marketing (1)^{cc}

For an Advanced Designation Diploma, students must earn at least three credits in World Language and pass the Regional Exam with a 65 or higher, or take one credit of language PLUS a sequence of 5 credits in one of the following areas of study: Technology or Art or Music or Business or WEMOCO. See **your Counselor for more information.**

*Required for a Regents Diploma with Advanced Designation in CTE with Distinction.

^{cc} Denotes Dual College course through MCC

^m Denotes course may be used as a 3rd unit of Math

Full-Year Courses:

Accounting

Grades: 10-12 **Length:** Full Year
Prerequisite: None **Credit:** 1.0
Examination: Local

This interdisciplinary business course option is designed to meet the third unit of a Math sequence and/or one of the Business pathways. This course encourages critical thinking and decision-making. Students will be introduced to the general practices used in bookkeeping and accounting. Topics include: double-entry techniques for recording transactions, introduction to the accounting cycle, automated accounting, accounts payable, accounts receivable, payroll procedures, internal controls and financial statements. Students will now enjoy using online working papers to complete assignments from anywhere. This also includes an online textbook, study guide, and access to multiple accounting platforms that we use in class. The online work simulates programs used in real world accounting for the 21st century. *This course may be used for a third unit of math credit depending upon individual graduation plans. Please refer to your counselor for more information.*

Entrepreneurism

Grades: 11-12 **Length:** Full Year
Prerequisite: None **Credit:** 1.0
Examination: Local 3.0 MCC

In this class you will learn how to select products and services to sell, determine who your customers are, learn how to market and finance a business; manage employees and more. You will also learn how to put together a business plan and will create a complete plan by the end of the course. This hands-on course requires you, as the student and potential entrepreneur, to overcome challenges and think creatively to solve problems and accomplish numerous tasks. You will be required to work collaboratively with your classmates throughout the course and your effort will directly affect your success. Our new online program for this course allows students to create business plans using professional guides and templates that will ultimately enhance the experience. We are now also using virtual simulations to enhance student learning in this class. This simulation guides students through various ownership and management topics as they run their own virtual store. Students are free to make all decisions for their virtual business and compete against other student businesses to see who ends up being the most successful. *This course may be used to earn three (3) college credits through Monroe Community College.*

Introduction to Marketing

Grades: 9-12 **Length:** Full Year
Prerequisite: None **Credit:** 1.0
Examination: Project Assessment and Local

Marketing is one of the most important functions in today's American and international companies. It is also the most visible area of business around us. Students explore the broad and exciting world of marketing and its role in today's economic society. Marketing is a management process that involves providing the right product to the right people, at the right time, in the right package and at the right price. The main goal is to satisfy customers better than the competitors but do so profitably. *Not to be taken concurrently with Sports and Entertainment Marketing.*

Math and Finance

Grades: 11-12 **Length:** Full Year
Prerequisite: None **Credit:** 1.0
Examination: Local

Math and Finance provides a challenging, relevant and practical mathematical approach to real-world financial and personal responsibility. Students acquire fluency in the language of money. Necessary financial literacy skills are taught, while mathematical skills required to make sound and solid financial plans and decisions are reinforced. This interdisciplinary business course option is designed to meet the third unit of a Math sequence and/or be included in a Career and Technical Education cluster. *This course may be used for a third unit of math credit depending upon individual graduation plans. Please refer to your counselor for more information.*

Sports and Entertainment Marketing

Grades: 9-12 **Length:** Full Year
Prerequisite: None **Credit:** 1.0
Examination: Local

This is an exciting, revamped course designed to teach marketing principles for two enormous industries: Sports and Entertainment. Students will study current events in each category and emulate marketing campaigns using a variety of management, marketing, and creative skills. In this course, students will start their own sports franchise, draft players, and choose the team name, location, logo, and all other details involved in running a team. In addition, students will have a brand-new virtual simulation program where they will learn all aspects of running a stadium. From selecting the ticket pricing, to hiring security and staff, to booking concert events, to advertising sports games; students will make decisions about all aspects of running their stadium and compete with other students in the class to see who is the most profitable. *Not to be taken concurrently with Introduction to Marketing.*

Microsoft Office - Required for CTE Endorsement

Grades: 9-12 **Length:** Full Year
Prerequisite: None **Credit:** 1.0
Examination: Local 4.0 MCC

In today's digital world effective use of computers is critical for success in any career. This course will allow students to develop the essential skills necessary upon entering college or the work force. Hands-on activities will focus on keyboarding skill development, introduction to Windows environment and Microsoft Office for Microsoft 365 including: MS Word, Excel, Access and PowerPoint for the creation of basic business documents and file management. This course is extremely helpful to college-bound students. Students wanting to master keyboarding skills should consider taking Keyboarding and Essential Computing Skills instead. *This course may be used to earn four (4) college credits through Monroe Community College.*

CIP: Career Internship Program

Grade: 12 **Length:** Semester/Full Year
Examination: Local **Credit:** 1.0

REQUIREMENTS: Minimum GPA 83%, excellent attendance records, letter of recommendation from a teacher, counselor or staff member who can recommend you to the program. Submit an application by April 7, 2023, and schedule an interview with Mrs. Sodoma by May 12, 2023.

The Career Internship Program is a structured opportunity for self-motivated, strong academic seniors to associate with executives and professional personnel in the work environment. It is designed to allow time for students to get real life experiences in the world of work prior to declaring a major in college.

In lieu of taking a high school course and sitting in class, students are dismissed early from school in order to travel to their internship site. Their new classroom is the internship site. Typically, this time period is around 1 p.m. For one full unit of credit, students must receive 108 hours at their approved internship site and attend weekly seminars.

* Required for CTE Endorsement

Semester Courses:

Career and Financial Management - Required

for CTE Endorsement

Grades: 9-12 **Length:** Semester
Prerequisite: None **Credit:** .5

This course introduces the student to the career selection process and the realities of the working world. Students learn how to complete several self-assessments, explore career options and create career plans, as they plan for post-secondary education and their career goals. In addition to resume writing and interview preparation, students will learn to select, apply for and maintain employment. In the financial planning unit's topics will cover financial planning, budgeting, investing, using credit wisely and insurance. Focus is also placed on managing personal financial resources such as savings and checking accounts.

Keyboarding and Essential Computing Skills

Grades: 9-12 **Length:** Semester
Prerequisite: None **Credit:** .5
Examination: Local 3.0 MCC

In today's digital world effective use of computers is critical for success in any career. This course will allow students to develop the essential computer skills necessary to be college and career ready. Hands-on activities will focus on keyboarding skill development, introduction to Windows environment and word processing using Microsoft Word for Microsoft 365 via 2019 for the creation of basic business documents, computer concepts and file management. This course is extremely helpful to college-bound students. *This course may be used to earn three (3) college credits through Monroe Community College.*

Business and Personal Law

Grades: 10-12 **Length:** Semester
Prerequisite: None **Credit:** .5
Examination: Local

Businesses of all sizes, including sole proprietorships, are subject to laws and regulations placed by the federal, state, and local governments. Emphasis is placed on Civil Law, including court structure, business and individual contracts, warranties, quarantines and other financial obligations. Special attention is given to the areas of credit protection, employment laws and personal property protection.

Introduction to Business

Grades: 9-12 **Length:** Semester
Prerequisite: None **Credit:** .5
Examination: Local 3.0 MCC

Introduction to Business is a foundation business course that fosters student awareness of the important role business plays in today's global society. Students gain awareness of how economic systems, sources and resources are used to produce goods and services for use and consumption by society. There is also a focus on how individuals contribute to the business and the economic process both nationally and globally. *This course may be used to earn three (3) college credits through Monroe Community College.*

Criminal Justice

Grades: 10-12 **Length:** Semester
Prerequisite: None **Credit:** .5
Examination: Local

This course examines all three segments of the criminal justice system: law enforcement, courts and prisons. Topics for this course include the evolution of law, law enforcement agencies, social and psychological issues, structure and career exploration. Current issues and cases are examined extensively. Guest speakers are invited into the class to talk about careers, how the court system works and the education needed to enter a career in criminal justice.

College Preparation 11

Grade: 11 **Length:** Spring semester
Prerequisite: College-bound **Credit:** .5
Examination: Local

This class will help you get started on your college planning. Students will spend time in class getting ready to take the SAT or ACT tests by learning about testing strategies and practicing on-line testing using a variety of on-line sources. Some students have never been on a college campus nor have any idea what to ask college representatives. We will take you on college visits with Admissions Representatives to talk about their college and give you an opportunity to ask questions, see classrooms, dorm rooms and college life. In the past we visited State University College at Buffalo and Canisius College and attended the annual College Fair at the Convention Center in downtown Rochester. Learn what you need to know before you start visiting college campuses on your own. Get ready to start planning for your "SENIOR YEAR" and the college admissions process by taking this valuable course.

College Prep 12

Grade: 12 **Length:** Fall semester
Prerequisite: College Bound Seniors **Credit:** .5
Examination: Local

This class is not the same as College Prep 11. This class is intended for seniors who feel, "There is so much to do my senior year and such little time to get everything done." This class offers time to students who want assistance while completing college applications, writing college essays, applying for scholarships and discovering life in college is more than just getting accepted. We will be touring area colleges and making connections about what type of college campus is the right fit for you. In this class you will have time to do all of that and continue to research colleges/programs, while comparison shopping. We can also provide you time to study in class to take the SAT/ACT entrance exams over again or in many cases for the first time. Don't miss out on an opportunity to have structured class time for you to work closely with your teacher while perfecting your college application and having comfort in knowing there is someone you can ask for advice while meeting deadlines. This course is designed for the serious-minded student.

Personal Financial Planning

- Required for CTE Endorsement

Grades: 10-12 **Length:** Half Year
Prerequisite: Career and Financial Management **Credit:** .5
3.0 MCC

Examination: Local

After students conduct career planning in CFM and learn basic banking concepts, they want to know about practical money management to help them stay away from bad debt, make major purchases, plan for college loans and save for the future. This is a very practical course which teaches you how to create a financial plan to realize these goals. By taking this course, you will learn how to avoid credit trouble, save money on automobile purchases and buy a desirable home. You will also learn how to protect your family with proper life and health insurance. Finally, you will learn how to make your money grow by investing in stocks, bonds and mutual funds using a virtual simulation and competition throughout the course. Using the techniques, you learn in this class will allow you to plan, save and spend wisely so you and your family will enjoy a better way of life. *This course may be used to earn three (3) college credits through Monroe Community College.*

Exploring the Teaching Profession

Grades: 10-12 **Length:** Semester
Prerequisite: None **Credit:** .5
3.0 MCC

A semester introducing 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 provides students with the opportunity to explore the field of teaching, reflect on their interest in education, create and present an instructional lesson and develop connections with other future educators. This is a MCC Dual Enrollment Course.

Teaching is an Art: Educator

Performance and Presentation Skills

Grades: 10-12 **Length:** Semester
Prerequisite: Exploring the Teaching Profession **Credit:** .5
3.0 MCC

Teachers must communicate effectively to achieve their goal of student learning and success. This course uses the performing arts as a point of reference and enables participants to develop materials and present them effectively in a variety of teaching situations. Learning styles, oral presentation, body language, the use of props, proxemics and room arrangement, and audio visuals will be the skills developed through this course.

English Department



Four years of English credit are required to graduate from Brockport High School. Grade-level curricula are developed according to the New York State Next Generation English Language Arts Standards, and we do offer college-level coursework for qualified upperclassmen, which align with applicable guidance from the State University of New York College at Brockport (3-1-3) and/or The College Board (AP). Over the course of their four years at BHS, students must demonstrate competency in reading complex texts of various types and purposes, writing in similarly various modes, speaking and listening to communicate and collaborate effectively, and following the conventions of the English language. Additionally, students are required to successfully complete the New York State Regents Examination in English Language Arts in order to graduate.

For an Advanced Designation Diploma, students must earn at least four ELA credits, as well as pass the NYS ELA Regents exam with a 65 or higher.

Brockport High School English teachers embrace and embody the “Lifelong Practices of Readers and Writers,” which have been added to the New York State Next Generation English Language Arts Standards to better represent what it means to be literate in the 21st Century. These essential habits and skills are consistently reflected in our courses and classrooms.

Lifelong Readers:

- think, write, speak, and listen to understand
- read often and widely from a range of global and diverse texts
- read for multiple purposes, including for learning and for pleasure
- self-select texts based on interest
- persevere through challenging, complex texts
- enrich personal language, background knowledge, and vocabulary through reading and communicating with others
- monitor comprehension and apply reading strategies flexibly
- make connections (to self, other texts, ideas, cultures, eras, etc.)

Lifelong Writers:

- think, read, speak, and listen to support writing
- write often and widely in a variety of formats, using print and digital resources and tools
- write for multiple purposes, including for learning and for pleasure
- persevere through challenging writing tasks
- enrich personal language, background knowledge, and vocabulary through writing and communicating with others
- experiment and play with language
- analyze mentor texts to enhance writing
- strengthen writing by planning, revising, editing, rewriting, or trying a new approach

English I

Grade: 9

Prerequisite: None

Examination: Local

Length: Full Year

Credit: 1.0

The English I curriculum has been developed according to the New York State Next Generation English Language Arts Standards for grade 9 and guides students through a sequence of skills-based units that spiral upward through their future high-school Regents English coursework. At this level, the focus is on establishing a strong foundation of literacy skills to support students’ progress through all four years of required English coursework and beyond. From a great number and variety of Board-approved texts that have been selected from classic and contemporary world literature, English I teachers collaborate with one another (and with co-teachers and other service providers) to choose text(s) and plan learning activities and assessments for each unit. While different texts may be selected from the 9th-grade book list by different English I teachers and co-teaching teams, among these texts will be William Shakespeare’s *Romeo and Juliet* or a similar text, and among these assessments will be at least two common checkpoints as well as a research paper with common requirements and rubrics for all English I students.

English I Honors

Grade: 9

Prerequisite: ELA8

**with teacher recommendation and/or interview with English I Honors teacher*

Examination: Local

Length: Full Year

Credit: 1.0

This course is designed to challenge students who have demonstrated a high-level of proficiency in both reading and writing. The reading is substantial, and the writing requirements are rigorous. Assessments will require students to use higher-order thinking skills and creativity, as well as prepare them to hold academic discussions and give informative presentations to the class. (Continued on next page...)

English I Honors (Continued from previous page...)

In this course, students are expected to read closely and critically from not only full-length fiction texts but also a variety of genres that will serve as a basis for student writing. Students will be asked to analyze author's craft and determine how the interaction of literary elements help to build themes and aid in creating a reader's understanding. All work is correlated to the NYS Next Generation Standards and will prepare students for their Regents Exam at the end of their junior year of high school as well as any English AP Exam they may take.

English I Humanities

Grade: 9 **Length:** Full Year
Prerequisite: None **Credit:** 1.0
Examination: Local

In Humanities I, students will combine the study of English and Global Studies as the New York State standards of each course require. For English, emphasis is placed on the formation of literary analysis skills with the writing process as the primary emphasis of expression. Academic vocabulary will be introduced, practiced, and implemented through the integration of Global Studies content information. Global Studies includes a strong emphasis on areas such as geography and the historical links between regions. A comprehensive NYS Regents Exam will be taken at the end of Global II and will cover the pertinent information that establishes continuity within the curriculum. **This is the first year of a closed two-year course that will continue in sophomore year with additional credit for English II.**

English II

Grade: 10 **Length:** Full Year
Prerequisite: English I **Credit:** 1.0
Examination: Local

The English II curriculum has been developed according to the New York State Next Generation English Language Arts Standards for grade 10 and guides students through the same sequence of skills-based units as they will have experienced as freshmen with a focus on strengthening their literacy skills while adding to the variety of genres to which those skills must be applied. As at other grade levels, a list of Board-approved texts has been compiled for grade 10, and English II teachers collaborate with one another (and with co-teachers and other service providers) to choose text(s) and plan learning activities and assessments for each unit. While different texts may be selected from the 10th-grade book list by different English II teachers and co-teaching teams, among

these texts will be another Shakespearean play, and among these assessments will be at least two common checkpoints as well as a research paper with common requirements and rubrics for all English II students.

English II Humanities

Grade: 10 **Length:** Full Year
Prerequisite: English I Humanities **Credit:** 1.0
Examination: Local

In Humanities II, students will continue to combine the study of English and Global Studies as the New York State standards of each course require. Emphasis for English is placed on the formation of literary analysis skills with the writing process as the primary form of expression. Academic vocabulary as well as text-based vocabulary will be introduced, practiced, and implemented through the integration of Global Studies content information. Global Studies includes a strong emphasis on areas such as geography and the historical links between regions. A comprehensive NYS Regents Exam in Global History and Geography will be taken at the end of this year and will cover pertinent material that connects larger global concepts. This is the second year of a closed two-year course. **This is the second year of a closed two-year course. Students must first take and successfully complete English I Humanities.**

Pre-AP English (II)

Grade: 10 **Length:** Full Year
Prerequisite: English I or Honors **Credit:** 1.0
**with teacher recommendation and/or interview with Pre-AP teacher*
Examination: Local

This course is designed to challenge students who have demonstrated a high level of proficiency in both reading and writing. The reading is substantial, and the writing requirements are rigorous. In addition to the major works of literature assigned in class, students will read selections of fiction and non-fiction from a list of choices supplied by the teacher. Assessments challenge students to use higher-order thinking skills and creativity. The reading and coursework are designed to develop the skills required for the NYS ELA Regents exam and prepare for AP English III. An expectation of enrollment in Pre-AP is that students intend to continue their course of study in AP English Language & Composition (III) and AP English Literature & Composition (IV) based on their progress in these courses and the recommendation(s) of the Pre-AP/AP teacher(s).

AP English Language & Composition (III)

Grade: 11 **Length:** Full Year

Prerequisite: English II or Pre-AP **Credit:** 1.0

**with teacher recommendation and/or interview with AP III teacher*

Examination: AP English Language & Composition Exam and
NYS Regents Examination in ELA

In this course, students are expected to read closely and critically from not only full-length fiction texts but also and especially a variety of nonfiction sources that serve as models for the types of student writing assigned throughout the course. A focused, thoughtful, analytical, and rigorous academic approach to understanding writing is maintained through extensive reading and analysis of the author's craft. Students will be responsible to study and synthesize primary and secondary source materials with proper MLA citation, write in a variety of rhetorical modes, and use the writing process with a special focus on multi-drafting and reflection to foster academic, intellectual, and personal growth that will prepare them with confidence for their future college coursework, professional, and personal lives.

English III

Grade: 11 **Length:** Full Year

Prerequisite: English II **Credit:** 1.0

Examination: NYS Regents Examination in ELA

The English III curriculum has been developed according to the New York State Next Generation English Language Arts Standards for grade 11 and guides students through the same sequence of skills-based units as they will have experienced in two previous years of Regents English coursework. At this level, the goal is to further develop students' literacy skills as necessary for them to independently demonstrate proficiency even when responding on demand to unfamiliar texts, as will be required to pass the New York State Regents Examination in English Language Arts, which all BHS students are expected to take in June of their junior year at the latest (for a first attempt). Especially as that exam is a separate graduation requirement, however, English III teachers collaborate with one another (and with co-teachers and other service providers) to incorporate test preparation into other learning activities and assessments that relate to course texts selected from the 11th-grade list of Board-approved American literature. While different texts may be selected from that list by different English III teachers and co-teaching teams, among these assessments will be at least two common checkpoints as well as a research paper with common requirements and rubrics for all English III students.

AP English Literature & Composition (IV)

Grade: 12 **Length:** Full Year

Prerequisite: English III or AP III **Credit:** 1.0

**with teacher recommendation and/or interview with AP IV teacher*

Examination: AP English Literature & Composition Exam

AP English IV is an introductory college-level course in literature and composition which offers a transition between high school and college. Students will study classic British literature while comparing and contrasting these pieces to their 20th and 21st century counterparts of British, American, and European origin. For success, students need to be independent workers and thinkers, appreciating the importance of close reading, respectful discussion, and writing as a process. Work required outside of class is challenging but not oppressive.

English IV

Grade: 12 **Length:** Full Year

Prerequisite: English III **Credit:** 1.0

Examination: Local

The English IV curriculum has been developed according to the New York State Next Generation English Language Arts Standards for grade 12 and guides students through the same sequence of skills-based units as in English I-III. At this level, with additional services provided outside of English class for those students who have not yet passed the New York State Regents Examination in English Language Arts, the goal is for students who have already demonstrated reasonable proficiency to start applying their skills in new and more personalized ways that will properly culminate their high-school experiences in English and help prepare them for whatever comes next. Students will be prompted to reflect upon the relationship between their literacy skills and their future plans and will be supported in using those skills to study a wider variety of text types and topics than at previous grade levels of Regents English. While English IV teachers will also collaborate with one another (and with co-teachers and other service providers) to choose texts and plan learning activities and assessments for each unit as in the younger grades, and a list of Board-approved texts for 12th grade exists in the same form as other grade levels, more emphasis may be placed on student choice in senior English classes than in earlier years of study. As in previous years, at least two common assessments and one final paper with common requirements and rubrics will be part of the coursework for all English IV students before graduation.

English IV (3-1-3)

Grade: 12 **Length:** Full Year
Prerequisite: English III **Credit:** 1.0
**and enrollment in the 3-1-3 Program
with SUNY Brockport only*
Examination: Local

English (IV) is a two-semester (full-year) world literature and composition course. Composition will be the primary focus during the first semester, with papers and analyses written in response to a variety of essays and articles. The second semester will expand upon the study of world literature with rigorous short and full-length selections assigned from sundry parts of the world. Students enrolled in this course will have the opportunity to connect and respond constructively through various composition types and ultimately be expected to recognize some of the literary traditions that carry themes and ideas from one time and place to the next, creating an intellectual history of human civilization.

Creative Writing Elective

Grades: 10-12 **Length:** Semester
Prerequisite: Completion of English I **Credit:** .5
Examination: Local

Creative Writing is an elective course for students who want to develop their writing skills in fiction, creative non-fiction, poetry, and drama. Basic writing techniques will be practiced through the use of creative exercises, writing, and reading assignments, and constructive and supportive feedback from the instructor and student peers. As students develop their own style of writing and find their own "voice," they will be encouraged to contribute to the BHS online literary magazine, *Ink & Art*, and/or literary publications outside of school. Writing markets for teens will be explored, and students will be encouraged to submit their best work for possible publication. Students may repeat Creative Writing for an additional .5 credit (as Creative Writing II) but must submit a portfolio.

Media Literacy Elective

Grades: 11-12 **Length:** Semester
(Fall Only)
Prerequisite: English I and II **Credit:** .5
Examination: Local

Cut through the noise! Learn how to be a critical thinker. Media literacy teaches participants to analyze all forms of media/information. The goal of this media literacy course is to encourage students to move from being passive media

consumers to active, engaged, curious and critical consumers of media messages. A primary emphasis will be placed on recognizing media bias. This class is offered online, asynchronously; you can do the work on your own time, whenever is convenient for you. There will be on-line office hours and opportunities to schedule in-person meetings during the school day if you need to connect with the instructor. Asynchronous courses are common in college, become familiar with this format before leaving high school.

Mosaics Elective

Grades: 10-12 **Length:** Semester
Prerequisite: Completion of English I **Credit:** .5
Examination: Local

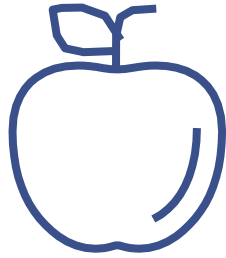
Mosaics is a student-driven course that explores race, ethnicity, and factors of diversity in our local, national, and global realms. Students will have the opportunity to read the perspectives of authors from a variety of ethnicities, cultures, and lifestyles. In addition, students will engage with readings from current news outlets and other media. These readings are based in the Next Generation Common Core Standards R6, 8, and 9 which focus on understanding author perspective, delineating and evaluating resources, and evaluating the connection between different texts. Students will be pushed to think critically about identity, political and educational systems, racism, and discrimination. Students will be evaluated through oral presentation and discussion, writing, creative writing, and research opportunities. Written assignments are supported by Next Generation Common Core Standards W6 and 7 for conducting and supporting research and ideas. This course is designed to help us explore the issues we see every day and we will be collaborating with the diversity club for discussion, community service and school-centered activities.

Travel Literature Elective

Grade: 11-12 **Length:** Semester
Prerequisite: Completion of English II **Credit:** .5
Examination: Local

Are you curious what the world beyond Brockport looks like? Do you want to learn about diverse cultures, past and present? This course allows you to explore remote parts of the globe, learn about the language and culture of those places, and engage with various digital platforms to further explore locations that have been written about for thousands of years. Using novels, historical documents, interactive maps, vlogs, and films, you will be able to explore every continent and learn how other people inhabit our shared planet.

Health Education Department



Health Education is a course designed for students in grades 9, 10, 11 or 12. All students must successfully complete 1/2 credit of health as a state requirement in order to graduate from Brockport High School.

Health (NYS Mandate)

Grades: 9-12 **Length:** Semester
Prerequisite: None **Credit:** .5
Examination: Local

Health is a New York State mandated course required for graduation. It is designed to teach beneficial knowledge and skills encouraging students to think critically about how the decisions they make will affect their lives today and in the future. Topics include: wellness, nutrition, stress management, digital safety, understanding mental health and mental disorders, suicide prevention, healthy relationships, parenting education, drug prevention, STI prevention, hands-only CPR and more. Health is a highly engaging and interactive class that you will enjoy...because it is about you!

Personal Wellness

Grades: 10-12 **Length:** Fall Semester Only
Prerequisite: Health **Credit:** .5
Examination: Final Project

Personal Wellness will actively engage students to further build on and develop a deeper understanding of wellness and how to live a healthy lifestyle. Content is tailored to the needs and interests of the students while focusing on personal health and wellness and the development of health-enhancing behaviors/skills to avoid and reduce health risks. The course will provide content and learning experiences in healthy life skills, digital safety, conflict resolution, communication, nutrition, eating disorders, disease prevention, healthy relationships and more!

Professional Rescuer: First Aid and CPR/AED for the Professional Rescuer

Grades: 10-12 **Length:** Semester
Prerequisite: Health **Credit:** .5
Examination: Local
Certifications: ARC RTEFA (2 years),
CPR/AED Pro Rescuer (2 years)

Professional Rescuer will provide the student responder with the knowledge and skills necessary to help sustain life and minimize the consequences of injury or sudden illness until advanced medical help arrives. In addition to teaching professional rescuers (those with a duty to act and provide care) the skills needed to respond appropriately to breathing and cardiac emergencies, this program also encompasses a wide range of topics and incorporates the use of active learning methodologies. Students will assume responsibilities for their own learning and serve as resources to one another in the process. This program contains the following components: Responding to Emergencies First Aid, CPR/AED for the Professional Rescuer (Adult CPR/AED, Child CPR/AED, Infant CPR/AED).

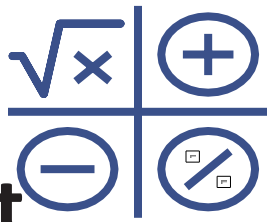
Life and Death

Grades: 10-12 **Length:** Spring Semester Only
Prerequisite: Health **Credit:** .5
Examination: Final Project

Life and Death will provide content and learning activities that focus on issues of loss experiences, fear of death, understanding reactions to death, near-death experiences, euthanasia, suicide and current practices and trends in the care and treatment of the terminally ill. We will focus on the study of the dying process, death, ceremonies, and rituals in many cultures while exploring both theories, concepts and analyzing attitudes and practices concerning death, dying and bereavement. Life and Death will actively engage students to become familiar with medical, legal, financial, and cross-cultural issues related to death and dying.

**Dual credit course*

Math Department



All students will be required to obtain at least three credits in mathematics and all students will have to pass at least one NYS Regents exam in order to obtain a Regents Diploma.

Those students wishing to pursue a Regents Diploma with Advanced Designation will have to pass the Algebra I, Geometry and Algebra II Regents exams. College-bound students are encouraged to earn an Advanced Designation Regents Diploma.

Algebra 1A

Grade: 9

Prerequisite: None

Length: Full Year

Credit: 1.0

The Brockport Central School District has a commitment to provide a comprehensive education and the support required to enable all students to meet the New York State learning standards. In keeping with this commitment, the district provides a variety of integrated services for all students, including those who are being supported by Special Education services. This course will integrate Academic Intervention Services to assist students in meeting the learning standards in the mathematics with a focus on algebra fundamentals.

Students will prepare for the high school program leading to the mathematics graduation requirement. Students will extend their learning from middle school and study in-depth topics of number sense, patterns and functions, function notation, solving linear equations and inequalities and linear solving systems. The curriculum is aligned to the Common Core Curriculum. One unit of credit towards graduation will be awarded upon successful completion of this course.

Algebra 1B

Grade: 10

Prerequisite: Algebra 1A

Examination: Algebra Regents

Length: Full Year

Credit: 1.0

This course will cover the second half of the Algebra I Regents course. Topics will include: constructing and comparing linear, quadratic and exponential models, solving, graphing and analyzing quadratic functions and interpreting categorical and quantitative data. This course is offered 2/4 days and students will take the NYS Algebra I Regents Exam at the conclusion of the school year.

Regents Algebra I

Grade: 9

Prerequisite: None

Examination: Algebra Regents

Length: Full Year

Credit: 1.0

The fundamental purpose of the Algebra I Course is to formalize and extend the mathematics that students learned in the middle grades. The focus of the course is to deepen and extend understanding of linear and exponential relationships by contrasting them with each other and by applying linear models to data that exhibit a linear trend. Students also engage in methods for analyzing, solving and using quadratic functions. The Mathematical Practice Standards apply throughout the course and, together with the content standards, prescribe that students experience mathematics as a coherent, useful and logical subject that makes use of their ability to make sense of problem situations. This course satisfies one year of the necessary three years of mathematics to graduate.

Math Connections

Grades: 10-12

Prerequisite: Algebra 1

Length: Full Year

Credit: 1.0

This course is for students who have completed Algebra I with a final grade of no greater than C, who need more practice in algebra concepts and a stronger foundation in geometry ideas before taking the Common Core Geometry course the following year. Students will practice algebra in geometric contexts and explore, conjecture, apply and develop understanding of geometric principles using inductive and deductive approaches. This will allow students to formalize and extend students' geometric experience from the middle grades. This course satisfies one year of the three years of mathematics to graduate.

Regents Geometry

Grades: 9-11

Prerequisite: Algebra I

Examination: Geometry Regents

Length: Full Year

Credit: 1.0

The purpose of the Geometry Course is to formalize and extend students' geometric experiences from the middle grades. Students explore more complex geometric situations and deepen their explanations of geometric relationships, moving toward formal mathematical arguments. Topics include: transformations, congruency, similarity, trigonometric ratios, coordinate geometry and modeling. The Mathematical Practice Standards apply throughout this course and, together with the content standards, prescribe that students experience mathematics as a coherent, useful and logical subject that makes use of their ability to make sense of problem situations. This course is offered 2/4 or 3/4 days and students will take the NYS Geometry Exam at the conclusion of the school year.

Pre-Algebra II

Grades: 11-12

Prerequisite: Regents Geometry
by teacher recommendation

Examination: Local in June

Length: Full Year

Credit: 1.0 or

This is a course designed for the student who plans on continuing math in high school or in college. It is a skills-based course with an emphasis on extending algebra skills and prepares students for the Algebra II course. Topics include: study of linear, quadratic, trigonometric, logarithmic and exponential functions. This course satisfies the third credit of the graduation requirement.

Regents Algebra II

Grades: 10-12 **Length:** Full Year
Prerequisite: Successful completion of Regents Geometry or Pre-Algebra II **Credit:** 1.0

Examination: Algebra II Regents in June

This is the third of the three-year Regents sequence that is required for an Advanced Designation Diploma. Topics include: complex number systems, reasoning with equations and inequalities, trigonometry, expressing geometric properties with equations, interpreting and building polynomial functions, modeling, probability and statistics. Students will prepare for and take the Algebra II Regents exam at the conclusion of the school year.

College Prep Math

Grade: 12 **Length:** Full Year
Prerequisite: Pre-Algebra II or Regents Algebra II **Credit:** 1.0

Examination: Local in June

This full year course is designed to give the college bound student a fourth year of math. It will enhance their math skills to allow them to be successful in a college level math class. Course topics will include SAT/ACT preparation, advanced algebra skills, trigonometry review, statistics, and business math. This course is intended for the student who needs to focus on building a solid mathematical foundation prior to entering college.

Pre-Calculus

Grades: 11-12 **Length:** Full Year
Prerequisite: Successful completion of Regents Algebra II **Credit:** 1.0

Examination: Local in June

This is a full-year course designed for students who intend to pursue a math or science career in college. This course consists of the study of functions and their application. Functions and models investigated include linear, polynomial, logarithmic, exponential and trigonometric. This is a pre-calculus course totally integrated with a graphing calculator. **A minimum cumulative average of 80 in Algebra I, Regents Geometry and Regents Algebra II is recommended.**

Pre-BC Calculus

Grade: 11 **Length:** Full Year
Prerequisite: 85% or above final average in Regents Algebra II **Credit:** 1.0

Examination: Local in June

This is a pre-calculus course designed for the serious math student who intends to pursue the study of calculus through participation in an AP Calculus course (AB or BC). This course includes all math necessary to prepare a committed student for the rigors of Calculus and will include units of study on limits and differentiation. Successful completion of this course is required to be eligible for AP Calculus BC.

AP Calculus AB

Grade: 12 **Length:** Full Year
Prerequisite: Passing Pre-Calculus or Pre-BC Calculus; a minimum cumulative average of 80% in Algebra I, Geometry, Algebra II, and Pre-Calculus is recommended. **Credit:** 1.0

AP Calculus AB is a college-level course concerned with developing the students' understanding of the concepts of calculus and providing experience with its methods and applications. The course emphasizes a multi-representational approach to calculus with concepts, results, and problems being expressed geometrically, numerically, analytically and verbally. A graphing calculator is used as a tool for exploration and discovery and as a problem-solving tool to execute complicated computations, to visualize theoretical concepts and to verify results. Students are expected to take the AP exam in May and may receive college credit depending on the college and test score.

AP Statistics

Grades: 11-12 **Length:** Full Year
Prerequisite: Successful completion of Regents Algebra II **Credit:** 1.0

Examination: AP Statistics Exam in May

The purpose of the AP course in statistics is to introduce students to the major concepts and tools for collecting, analyzing and drawing conclusions from data. Students are exposed to four broad conceptual themes: Exploring Data – Describing patterns and departures from patterns, Sampling and Experimentation – Planning and conducting a study, Anticipating Patterns – Exploring random phenomena using probability and simulation and Statistical inferences – Estimating population parameters and testing hypotheses. Students are expected to take the AP exam in May and may receive college credit depending on the college and test score.

AP Calculus BC

Grade: 12 **Length:** Full Year
Prerequisite: Successful completion of Pre-BC Calculus **Credit:** 1.0

AP Calculus BC is a rigorous math course that encompasses all of college Calculus 1 and Calculus 2. Topics include limits, differentiation, applications of differentiation, Integration, differential equations and models, applications of integration, L'Hopital's rule and improper integrals, infinite series, parametric functions, vectors and polar functions. Students are expected to take the AP exam in May and may receive college credit for Calculus 1 and/or Calculus 2 depending on the college and test score.

Music Department



All students are required to complete one (1) unit in art or music. Courses fulfilling this required unit are:

- Band
- Chorus
- Explorations in Music
- Orchestra

A five-unit sequence in music may also be obtained by taking three years of chorus/orchestral band and two years of theory courses. Students are able to participate in two performing ensembles.

Chorus, Orchestra and Band meet regularly as ensembles during the school day. Additional requirements for these large groups include class lessons and concerts. Students are excused from lessons to attend announced tests in their other academic classes.

In place of three credits of World Languages, for an Advanced Designation Diploma, a five-unit sequence in music may also be obtained by taking three years of Choir, Orchestra or Band and two years of Music Theory, totaling 5 credits, plus one credit of World Languages.

Explorations in Music

Grades: 9-12
Prerequisite: None
Examination: Local
Length: Full Year
Credit: 1.0

This course fulfills the New York State art/music requirement for graduation. Musical exploration includes: basic music theory, music writing techniques, introductions to piano, ukulele, guitar and various hand percussion, the history of western music, the history of Rock 'N' Roll and the basics of sound science. Students experience these topics through active participation and involvement in hands-on activities, research projects and group work.

Guitar Class

Grades: 9-12
Prerequisite: None
Examination: Local
Length: Semester
Credit: .5

This all-levels course covers introductory through advanced guitar skills, including rhythm, open and barre chords, tab reading, basic music theory, picking techniques, blues techniques and various styles of playing and musicianship. This course also includes the history of Rock 'N' Roll, influential guitar players, guitar models and guitar care. *Note: This elective course does not fulfill the New York State art/music requirement for graduation.*

Ukulele Class

Grades: 9-12
Prerequisite: None
Examination: Local
Length: Semester
Credit: .5

Participation in this course allows students to gain a foundational understanding of the ukulele and its history, while developing correct technique and performance skills. Instruction is formatted to fit the needs of students at all levels, as we investigate basic music reading skills, tablature, picking and strumming styles, ukulele accessories and equipment, ukulele relatives, applicable genres and styles and the history and culture of the ukulele. *Note: This elective course does not fulfill the NYS art/music requirement for graduation.*

Piano Class

Grades: 9-12
Prerequisite: None
Examination: Local
Length: Semester
Credit: .5

This all-levels course covers introductory through advanced piano skills, including basic music theory, note reading, playing by ear, chords and various styles of playing and musicianship. This course also includes the history of western through popular music, influential piano players and piano and keyboard history. *Note: This elective course does not fulfill the New York State art/music requirement for graduation.*

African Drumming

Grades: 9-12
Prerequisite: None
Examination: Local
Length: Semester
Credit: .5

Note: This course does not fulfill the New York State art/music requirement for graduation. This course will provide an opportunity for experiences in playing African drums and other world percussion instruments. Students will perform traditional African rhythms and learn how they are used throughout the African culture. Activities will emphasize aural learning by ear.

Music Theory

Grades: 10-12
Prerequisite: None
Examination: Local
Length: Full Year
Credit: 1.0

This course teaches the basics of music in depth. First semester studies include the structure of music: notation, melody, rhythm, scales, triads, intervals, sight singing, rhythmic and melodic dictation. Second semester includes an introduction to harmony, basic keyboard skills and beginning composition.

AP Music Theory

Grades: 11-12
Prerequisite: Music Theory
Examination: AP and Local
Length: Full Year
Credit: 1.0

AP Music Theory is an extension of Music Theory I. In AP Theory, the concepts of rhythm, melody and harmonic structure are extended through listening, analysis, sight-reading and composition. Units of study include: Secondary Dominants, Modulation, Altered Chords, Counterpoint, Score Analysis, Conducting and Arranging.

Music and Technology

Grades: 9-12
Prerequisite: None
Examination: Local
Length: Full Year
Credit: .5

Music and Technology is an elective course designed to be an in-depth study of the uses of technology in learning and creating music. This course is intended to provide students with enrichment and extension of their musical knowledge. Students will explore a wide variety of music writing software and methods, as well as historical aspects and the ever-changing landscape of electronic music creation. Through describing, creating and performing, students will gain direct knowledge and skill development of the written and aural aspects of music and technology applications. Through this study, students will gain self-confidence in their own musicianship both now and in future musical activities.

Note: This elective course does not fulfill the New York State art/music requirement for graduation.

Band

Grades: 9-12
Prerequisite for Band Ensembles:
Examination: Local Prior study of a band instrument and/or demonstrated proficiency through the audition process.
Length: Full Year

Brockport High School offers two credit-bearing large ensembles: the Wind Ensemble and Concert Band. These groups are divided by experience levels of those students participating. Both groups present public performances at least three times per year. Repertoire consists of music from all periods of music history. Lessons are organized in groups of like instruments and comparable achievement. All students involved with the band form the marching band, which is part of the requirement for band, not an extracurricular activity.

Choir

Grades: 9-12
Prerequisite: None
Examination: Local
Length: Full Year
Credit: 1.0

Brockport High School has one credit-bearing choir. Repertoire consists of music from all periods of music history. Students will learn to read music and to use their individual voice in performances. Vocal music lessons are organized in groups by experience/achievement level.

Orchestra

Grades: 9-12
Prerequisite: None
Examination: Local
Length: Full Year
Credit: 1.0

The Senior High Orchestra is the culmination of the years of study of an orchestral-stringed instrument which traditionally starts in the fourth grade. Repertoire is selected from early classical through the music of today. Orchestra lessons are organized in groups by experience/achievement level. Students who are interested in learning a string instrument for the first time are welcome but are encouraged to speak to Mr. Goehle before registration.

Chamber Orchestra

Grades: 9-12
Prerequisite: Member of the Orchestra in good standing, audition
Examination: None
Length: Full Year

Note: This course does not fulfill the New York State art/music requirement for graduation. This course will allow students to explore more involved and challenging pieces of music from the string orchestra repertoire. Instruction will focus on improving musical skills within an ensemble, culminating in multiple performances throughout the year. Rehearsals will take place from 2:20 - 2:55 p.m. on Wednesdays and Thursdays.

Handsome Devils

Grades: 9-12
Prerequisite: Member of choir in good standing, audition
Length: Full Year

Note: This course does not fulfill the New York State art/ music requirement for graduation. This course will provide participants with an experience of a variety of styles of men's a cappella music, including barbershop harmony, in the ensemble setting. Instruction in unaccompanied settings geared toward concert performance is the main focus of the course. Rehearsals will be 2:20-3:10 p.m. Monday and Friday.

Triple Voices/Bella Voci

Grades: 9-12
Prerequisite: Member of choir in good standing, audition
Examination: Local
Length: Full Year

Note: This course does not fulfill the New York State art/music requirement for graduation. This course will provide participants with an experience of a variety of in singing women's choral styles and performance practices in the ensemble setting. Instruction in many idioms from traditional to jazz to pop in acappella and accompanied settings geared toward concert performance will be the main focus of the course. Rehearsals will be 2:20-3:10 p.m. Wednesday.

MadVocals

Grades: 9-12 **Length:** Full Year

Prerequisite: Member of choir in good standing, audition

Examination: Local

Note: This course does not fulfill the New York State art/music requirement for graduation. This course will provide participants with an interpretive experience of madrigal and jazz styles and performance practices in the ensemble setting. Instruction in jazz idioms and improvisation and singing madrigals in acappella settings geared toward concert performance will be the main focus of the course. Rehearsals will be 2:20-3:10 p.m. Tuesday and Thursday.

Symphonic Orchestra

Grades: 9-12 **Length:** Full Year

Prerequisite: Participant must be a band or orchestra member in good standing.

Examination: None

All members of the string orchestra combine with select members from the band for this ensemble. The Symphonic Orchestra provides students with an opportunity to perform orchestral literature. This group rehearses from 2:20 - 2:55 p.m. on Fridays.

Blue Notes

Grades: 9-12 **Length:** Full Year

Prerequisite: Membership in band, audition, students who are not band members who play guitar, piano or bass may be considered for membership

Examination: Local

Note: This course does not fulfill the New York State art/music requirement for graduation. This course will provide proficient players the opportunity to showcase their talent while increasing their knowledge in the performance practices of jazz idioms. The learning will be performance based with a number of concerts taking place during the school year. Rehearsals will be 2:20-3 p.m. Tuesday and Thursday.

Jazz Ensemble

Grades: 9-12 **Length:** Full Year

Prerequisite: Membership in band; students who are not band members who play guitar, piano or bass may be considered for membership

Examination: Local

Note: This course does not fulfill the New York State art/music requirement for graduation. This course will provide participants with an interpretive experience of jazz styles and performance practices in the ensemble setting. Instruction in jazz idioms and improvisation geared toward concert performance will be the main focus of the course. Rehearsals will be 2:20-3 p.m. Tuesday and Thursday.

Percussion Ensemble



Grades: 9-12 **Length:** Full Year

Prerequisite: Membership in major ensemble

Examination: Local

Note: This course does not fulfill the New York State art/music requirement for graduation. This course will provide students the opportunity to play a variety of percussion repertoire, as well as give students a chance to develop their musicianship, ensemble and technical skills and have fun in the process. Rehearsals will be 2:20-3 p.m. Monday and Wednesday.

Physical Education Department



Physical Education is a mandated course for all students in New York State public schools and is a requirement for graduation from Brockport High School. Students receive 1/2 credit per year for the successful completion of physical education for a total of two credits upon graduation.

Physical Education

Grades: 9-12

Length: Full Year

Prerequisite: None

Examination: None

Credit: .5

Physical Education at Brockport High School is based upon the following goals: acquiring the knowledge to develop and maintain an optimal level of personal fitness; developing a higher level of competence in skills and knowledge of movement and sport; developing and maintaining a positive attitude toward fitness, movement and sport. The Physical Education curriculum is based on a selective program, whereby students may choose from a number of activities in order to meet the above-stated goals.

Selective activities available:

Lifetime Activities:

Badminton, tennis, archery, swimming, weight training, fitness walking, circuit training, resistance training, cooperative games, water games, adventure activities, table tennis, pickleball, ice skating, yoga, Pilates, inline skating, mountain biking, rock climbing, geocaching, bowling and disc golf.

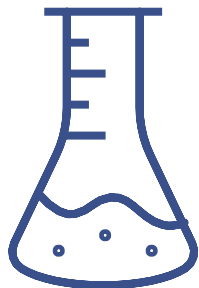
Team Sports:

Flag football, soccer, volleyball, basketball, softball, floor hockey, kickball, wiffleball, handball and ultimate frisbee.

“To dream anything that you want to dream—that is the beauty of the human mind. To do anything you want to do—that is the strength of the human will. To trust yourself to test your limits—that is the courage to succeed.”

Bernard Edmonds

Science Department



In order to meet New York State graduation requirements for science, a student must successfully complete three units of science. Two of the units must be Regents level (one being Living Environment). In addition, a student is required to pass at least one Regents exam.

For an Advanced Designation Diploma, students must earn at least three science credits, as well as pass two NYS Science Regents exams with a 65 or higher, at least one must be in a physical science (Earth, Chemistry or Physics) and one in a Living Science (Living Environment).

Earth Science - Regents

Grade: 9
Prerequisite: None
Examination: Regents

Length: Full Year
Credit: 1.0

This course investigates the earth and earth processes. Content areas include measurement, motions of the earth in space, energy and moisture in earth processes, erosion and deposition of rocks, structure and movement of the earth's crust and interior and geological history. Students are required to successfully complete a minimum of 1,200 minutes of lab work with write-ups in order to take the NYS Earth Science Regents Exam.

Living Environment - Regents

Grade: 10
Prerequisite: None
Examination: Regents

Length: Full Year
Credit: 1.0

Living Environment includes the study of the chemical nature of biological processes in cells and organisms such as respiration, photosynthesis, ecology, reproduction, genetics, evolution and classification. Classes are taught with a strong emphasis on differentiated lessons which incorporate a wide variety of learners. Students are required to complete a minimum of 1200 minutes of lab work complimented by formal lab write-ups in order to qualify for the year end NYS Regents Exam.

Chemistry - Regents

Grades: 10-12
Prerequisite: Earth Science, Living Environment, Algebra, Geometry

Length: Full Year
Credit: 1.0

Examination: Regents

The course is designed for college-bound students seeking a science sequence. This course emphasizes problem solving skills as well as the application of mathematical skills learned in Algebra and geometry. Topics covered: include the properties of matter, chemical and physical changes, and energy changes during reactions. Real world applications of chemical principles are emphasized. Students must demonstrate mastery of lab safety requirements before participating in laboratory activities. Students will be required to successfully complete a minimum of 1,200 minutes of lab work with write-ups (or equivalent) in order to take the New York State Regents Chemistry Exam.

Chemistry Honors

Grades: 10-12
Prerequisite: Earth Science, Living Environment, Algebra, Geometry,

Length: Full Year
Credit: 1.0

Examination: Regents

A chemistry course designed with the science/engineering student in mind. This course will not only prepare students to challenge the Physical Setting/Chemistry state exam but will also prepare the students for advanced science courses. In-depth coverage will be given in the areas of Atomic Theory, Bonding, Stoichiometry, Kinetics and Equilibrium. Students must demonstrate mastery of lab safety requirements before participating in laboratory activities. Students will be required to successfully complete a minimum of 1,200 minutes of lab work with write-ups (or equivalent) in order to take the NYS Regents Chemistry exam.

Physics - Regents

Grades: 11-12
Prerequisite: Two years of Regents Science, completion of Algebra and Geometry
Regents is required; completion or concurrent enrollment in Algebra 2

Length: Full Year
Credit: 1.0

Examination: Regents

This course, designed for students with average and above average science and math ability, emphasizes fundamental concepts of Physics. Major units of study include: mechanics, energy, electricity and magnetism, wave phenomena and modern physics. Algebra and some trigonometry skills are used in problem solving. The course will include required lab periods. The student will be required to successfully complete a minimum of 1,200 minutes of lab work with write-ups in order to take the New York State Regents Physics exam.

Forensic Science

Grades: 11-12
Prerequisite: Regents Earth Science, Living Environment and a third science credit

Length: Full Year
Credit: .5

Examination: Local

This course is designed for students with a background in Living Environment and Chemistry. Students taking Forensic Science will apply chemistry and biology laboratory skills to real-life criminal investigations. Students will use higher-level thinking skills to piece together the written information with lab results and form logical conclusions.

Environmental Science

Grades: 11-12 **Length:** Full Year

Prerequisite: Earth Science, Living Environment **Credit:** 1.0

Examination: Local Final (cumulative) and/or Final Project

This course includes the study of natural ecosystems. Students will gain an understanding of the characteristics of natural systems through the identification of basic environmental concepts. Areas of study may include: population studies, forestry, energy alternatives, aquatic environments, human impacts on the environment, resource management and environmental careers.

Astronomy

Grades: 11-12 **Length:** Semester

Prerequisite: Geometry **Credit:** .5

Co-requisite: Any level Chemistry or Physics and Algebra II

Examination: Local (Cumulative)

Astronomy contains all the other sciences and more. This course will use knowledge gained in several Brockport High School classes to increase a student's understanding of the universe. We will use skills gained in Earth Science to study planets and moons. We will use skills learned in life sciences to examine the potential for extraterrestrial life. We will use chemistry and physics to examine the characteristics of planets, stars and galaxies. We will use math to make scale models of different parts of the universe, to calculate the mass of celestial objects and to measure the distance to the stars. We will use world history to explore how astronomy has developed as civilization has evolved.

Human Anatomy and Physiology A

Grades: 11-12 **Length:** Full Year

Prerequisite: Earth Science, Living Environment, Chemistry/Physics **Credit:** .5

Examination: Local (Cumulative)

This one-semester course is an introduction to the fundamental structure and function of the body. It covers the systems of the body in detail, including the skeletal system, the muscular system, the nervous system, and special senses and shows how these systems interact as one unit. Students should be prepared for a moderate degree of memorization of facts, have good reading skills, be able to manipulate scientific data (i.e., graphs) and be comfortable with the dissection of specimens. Field trips and guest speakers are planned occasionally. Students who plan a career in medicine such as a nurse, physician, physical therapist or medical secretary are encouraged.

Human Anatomy and Physiology B

Grades: 11-12 **Length:** Full Year

Prerequisite: Earth Science, Living Environment, Chemistry/Physics **Credit:** .5

Examination: Local (Cumulative)

This one-semester course is an introduction to the fundamental structure and function of the body. It covers the systems of the body in detail, including the digestive system, the respiratory system, blood and the cardiovascular system, and the urinary system. Students should be prepared for a moderate degree of memorization of facts, have good reading skills, be able to manipulate scientific data (i.e., graphs) and be comfortable with the dissection of specimens. Field trips and guest speakers are planned occasionally. Students who plan a career in medicine such as a nurse, physician, physical therapist or medical secretary are encouraged.

Conceptual Science

Grades: 11-12 **Length:** Full Year

Prerequisite: Earth Science & Living Environment **Credit:** 1.0

Examination: Local Final (cumulative)

This course investigates fundamental principles of physical science through a student-centered problem-solving approach. The disciplines of chemistry and physics are the two areas of focus. Students are encouraged to develop science process skills, critical thinking and inquiry. Topics of study include water usage, energy storage and consumption, foundational chemistry principles, Newton's laws, motion and energy transfers.

AP Biology

Grades: 11-12 **Length:** Full Year

Prerequisite: Earth Science, Living Environment & Chemistry **Credit:** 1.0

Examination: AP and Final Exam

AP Biology is designed as a college-level introductory course so that a student will be eligible for college credit, advanced standing, or both. Major areas covered are biochemistry, cells, photosynthesis, respiration, cell division, heredity, molecular genetics, evolution, classification, ethology, ecology, experimental design and analysis. Students can obtain college credit through the AP Examination offered by the College Board or through the 3-1-3 program at The College at Brockport.

AP Chemistry

Grades: 11-12 **Length:** Full Year
Prerequisite: Earth Science, Living Environment, Regents Chemistry, & Algebra II **Credit:** 1.0
Examination: AP and Local

AP Chemistry is a college-level course for students with a strong interest in science. The course covers topics presented in a first-year college course in general chemistry. Topics include structure of matter, properties of matter, chemical reactions, kinetics, thermodynamics and chemical equilibrium. The course aims to develop student skills in critical thinking, inductive and deductive reasoning, scientific inquiry, problem-solving and precision in the use of evidence to support claims. Pacing is vigorous and strong reasoning and mathematical skills are required. Students can obtain college credit through the AP examination offered by the College Board.

AP Environmental Science

Grades: 11-12 **Length:** Full Year
Prerequisite: Earth Science, Living Environment, Regents Chemistry, concurrent enrollment in or successful completion of Algebra II, or by permission of instructor **Credit:** 1.0
Examination: AP and Local

AP Environmental Science is designed as a college-level introductory course so that a student will be eligible for college credit, advanced standing or both. The goal of this course is to provide students with the scientific principles, concepts and methodologies required to understand the interrelationships of the natural world, to identify and analyze environmental problems, to evaluate the relative risks associated with these problems and to examine alternative solutions for resolving or preventing them.

AP Physics I: Algebra-based Physics

Grades: 10-12 **Length:** Full Year
Prerequisite: Living Environment, Regents Geometry **Credit:** 1.0
Examination: AP and Local

AP Physics 1 (Algebra Based AP Physics) is the equivalent to a first-semester college course in algebra-based physics but is designed to be taught over a full academic year, allowing time for AP teachers and students to develop deep understanding of the content. The course covers Newtonian mechanics (including rotational dynamics and angular momentum); work, energy and power; mechanical waves and sound. It will also introduce electric circuits. Students can obtain college credit either through the AP examination offered by the College Board or through the 3-1-3 program at SUNY Brockport.

Social Studies Department



All students are required to take four years of Social Studies. The State of New York also requires that students demonstrate competency in both Global History and Geography and United States History and Government. The requirement in both courses may be satisfied by passing a Regents exam. The Global History Regents Exam is offered at the conclusion of the two-year course (at the end of the sophomore year). The U.S. History and Government course ends the 11th year with a Regents Exam. Students are also required to take one semester of economics and one semester of Participation in Government. Both courses are offered senior year and end with a local exam or a project-based assessment.

For an Advanced Designation Diploma, students must earn at least four social studies credits, as well as pass both the Global History and Geography and the US History and Government NYS Regents exams with a 65 or higher.

Global History & Geography I - Regents

Grade: 9 **Length:** Full Year
Prerequisite: None **Credit:** 1.0
Examination: Local

This is Part I of a state-mandated, two-year course. The content will be taught chronologically, and the topics include an Introduction to Global History, The Ancient World, Expanding Zones of Exchange and Encounter and Global Interactions and First Global Age. The content will begin with the River Valleys and end with the Enlightenment. Because the assessments have changed at the State level, the course will concentrate on document analysis, document-based questions and thematic essays.

Global I - Humanities

Grades: 9 **Length:** Full Year
Prerequisite: None **Credit:** 1.0
Examination: Local

In Humanities I, the student will combine the study of English and Global Studies as the New York State standards of each course require. Emphasis for English is placed on the formation of literary analysis skills with the writing process as the primary emphasis of expression. Academic vocabulary as well as text-based vocabulary will be introduced, practiced, and implemented through the integration of Global Studies content information. Global Studies includes a strong emphasis on areas such as geography and the historical links between regions. A comprehensive NYS Regents Exam will be taken at the end of Global II and will cover the pertinent information that establishes continuity within the curriculum. This is a two-year course that will continue in the sophomore year of High School with additional credit for Global II.

AP World History I & II

Grades: 9-10 **Length:** Two Years
Prerequisite: None **Credit:** 2.0
Examination: Local/AP

The two-year course is for highly motivated students who possess strong reading and writing skills and a strong work ethic. The scope and sequence includes a study of world history from about the Neolithic Revolution to the present day, focusing on the evolution of global processes and contacts, in interaction with different types of human societies. The course will prepare students for an Advanced Placement examination in May of the sophomore year. If completed successfully, students may receive college credit.

Global History & Geography II - Regents

Grade: 10 **Length:** Full Year
Prerequisite: Global History **Credit:** 1.0
 and Geography I
Examination: NYS Regents

This is Part II of the two-year, state-mandated course. The content will continue where the previous year concluded and will include: An Age of Revolution, Crisis and achievements, The 20th Century Since 1945 and Global Connections and Interactions.

Global II – Humanities

Grade: 10 **Length:** Full Year
Prerequisite: Humanities I – Global **Credit:** 1.0
Examination: NYS Regents

In Humanities II, the student will continue to combine the study of English and Global Studies as the New York State standards of each course require. Emphasis for English is placed on the formation of literary analysis skills with the writing process as the primary emphasis of expression. Academic vocabulary will be introduced, practiced, and implemented through the integration of Global Studies content information. Global Studies includes a strong emphasis on areas such as geography and the historical links between regions. A comprehensive NYS Regents exam in Global History and Geography will be taken at the end of this year and will cover pertinent material that connects larger global concepts. This is the second year of a closed two-year course. Students make take and successfully complete Global I – Humanities as a prerequisite for this course.

United States History & Government - Regents

Grade: 11 **Length:** Full Year
Prerequisite: Global History and **Credit:** 1.0
Geography I & II
Examination: NYS Regents

This course will examine the social, economic, and political history of the United States in chronological order in an effort to determine the extent to which the basic principles set forth in the Declaration of Independence and the Constitution have expanded over time. The course requires students to develop and practice skills of critical thinking, reading, writing, listening, speaking and processing information from primary and secondary documents.

AP United States History

Grades: 11 or 12 **Length:** Full Year
Prerequisite: Summer Project **Credit:** 1.0
Recommendation of
Summer Reading Project
Examination: NYS Regents/APExam

The Advanced Placement US History course is designed to provide students with the analytical skills and factual knowledge necessary to deal critically with the problems and issues in United States History. The program prepares students for intermediate and advanced college courses by initiating demands upon them equivalent to those made by full-year introductory college courses. Students will learn to assess historical materials—their relevance to a particular event in history, their reliability and their importance—and to weigh the evidence and various interpretations of events presented in historical academia. The course will thus focus on developing the skills necessary to arrive at conclusions on the basis of an informed judgment and to present

findings and evidence clearly and persuasively in essay format. The course will follow chronology beginning with the arrival of Europeans to America and ending with the year 1980. Students will take the AP exam in early May (for which they may receive college credit) and the US History and Government Regents Exam in June.

Economics

Grade: 12 **Length:** Semester
Prerequisite: US History **Credit:** .5
& Government

Examination: Local/Project

This semester course is mandated for all seniors. Topics of study include: basic economic concepts such as supply and demand; scarcity; the Capitalist Economic system of the US and how it operates; the interdependence of today's Global Economy and the fundamental differences between diverse economic systems utilized throughout the world and their operations.

Economics Honors

Grade: 12 **Length:** Semester
Prerequisite: None **Credit:** .5

Examination: Local/Project

This course enriches the study of economics. Topics of study include: basic economic concepts, economic system of the US, economic interdependence and differing economic systems.

Government

Grade: 12 **Length:** Semester
Prerequisite: US History & **Credit:** .5
Government

Examination: Local/Project

This mandated course will focus on the development of ethics, media literacy and the mechanism of rhetoric. Students will also study the structure and function of American politics and government. In addition, students will be expected to participate in a community event to better understand what citizenship involves.

Government Honors

Grade: 12 **Length:** Semester
Prerequisite: None **Credit:** .5

Examination: Local/Project

This honors course will focus on the development of ethics, media literacy and the mechanisms of rhetoric. Students will also study the structure and function of American politics and government. In addition, students will be expected to participate in a community event to better understand what citizenship involves. Students will also discuss current events and analyze how they shape public policy.

AP Microeconomics/ AP US Government and Politics

Grade: 12 **Length:** Full Year
Prerequisite: None **Credit:** 1.0
Examination: Advanced Placement

The purpose of the microeconomics portion of the class is to provide a thorough understanding of the principles of economics that apply to the functions of individual decision makers, both consumers and producers, within the larger economic system. It places primary emphasis on the nature and functions of product markets and includes the study of factor markets and of the role of government in promoting greater efficiency and equity in the economy. The purpose of the US Government and Politics portion of the class will give students an analytical perspective on government and politics in the United States. This course involves both the study of general concepts used to interpret US politics and the analysis of specific case studies. It requires familiarity with the various institutions, groups, beliefs and ideas that constitute US political reality.

General Psychology

Grades: 11-12 **Length:** Semester
Prerequisite: None **Credit:** .5
Examination: Local

The intent of this semester course is to introduce the terms and concepts psychologists use to illustrate the special fascination of the topics that draw people to the field of psychology, and to explain the significance of psychological findings for the student's own life. Experiments, activities and discussions will be used to help achieve the course goals. The academic outline includes the following topics: history of psychology; classical and operant conditioning; developmental psychology; personality theories and abnormal psychology.

AP Psychology

Grades: 11-12 **Length:** Full Year
Prerequisite: None **Credit:** 1.0
Examination: Local and AP

In this course, students will study the history, development and various fields of Psychology. The course of study will cover a range of topics in detail and will culminate in May with the AP Examination. General Psychology, the one semester course, is NOT a prerequisite for the AP course. Psychology has an important and broad role in dealing with many issues we face: aggression, child-rearing, mental health and illness, learning, product design, stress, neurobiology and others. The issues to which we can apply psychology are limitless. This course will give students a better understanding of why people behave as they do and will provide insights into your own attitudes and reactions.

Sociology

Grades: 11-12 **Length:** Semester
Prerequisite: None **Credit:** .5
Examination: Local/Project

This semester course strives to give students an introduction and insight into how their social environment influences their lives. The course focuses on society and the social worlds students create. Student complete outside readings, projects, writing assignments and participate in seminar type classroom discussions. Topics covered include culture, socialization, social institutions and contemporary social issues including war, euthanasia, AIDS, types of abuse, including domestic violence, the effects of social media, our forms of entertainment, current events and their implications on our society.

Crime, Punishment and Rights

Grades: 10-12 **Length:** Semester
Prerequisite: None **Credit:** .5
Examination: Local

This is an exploratory course in the law and Bill of Rights as it pertains to citizens and young adults in our country. Contemporary hot button issues will be discussed such as illegal drug use, freedom of speech, privacy rights, the rights of citizens on trial and the law among other student directed topics. The course will also explore different types of violence in the United States (gang, domestic, school shootings, etc.) and discover the causes, effects and punishments connected to them. The course is discussion based. The course uses video, news stories and movies to guide instruction.

Sport and Society

Grades: 11 and 12 **Length:** Semester
Prerequisite: None **Credit:** .5
Examination: Local

The course will examine major social and cultural changes through the lens of sports in society. Beginning with the impact of Imperialism in bringing baseball to America, students will examine the social and cultural shifts experienced in the United States during the 19th, 20th and 21st centuries. Students will examine gender and racial inequalities, cultural/societal shifts and ethics through an analysis of how these shifts in sports often times mirrors shifts in society.

AP European History

Grades: 11-12

Length: Full Year

Prerequisite: None

Credit: 1.0

Examination: Local and AP

The course will demand that students demonstrate an understanding of basic chronology of major events and trends from approximately 1450 to the present. Students will learn about the cultural, economic, political and social developments that have shaped today's world. In addition to providing a basic narrative of events and movements, the goals of the AP European History program are to develop: (a) an understanding of some of the principle themes in Modern European History; (b) an ability to analyze historical evidence; and (c) an ability to analyze and express historical understanding in writing.

Students in Action

Grades: 10-12

Length: Full Year

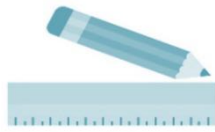
Prerequisite: None

Credit: 1.0

Examination: Local

This course prepares students to meet the challenges of leadership in today's complex global environment. The coursework will teach students the skills and best practices necessary to communicate and work with diverse groups of people toward common goals to implement beneficial societal changes in the school or community. Students will develop and enhance intrapersonal and interpersonal skills as well as learn the philosophical foundations and fundamentals of effective leadership. Finally, students will utilize their newfound skills by designing or embracing a community-based project as a culminating activity in an effort to make a difference in the lives of others. Students that successfully complete this course will earn the NYS Civic Readiness seal on their diploma.

Technology Department



The Technology Department offers many practical courses that students can use throughout their lives. Many people may think that these courses are only for students entering the work force directly after graduation. While this is the case for some, it is certainly not true of all students enrolled in technology courses. For students pursuing a career in the varied areas of engineering, architecture, electronics, construction and building, our department offers courses that will form the foundation for more advanced studies in college. Participation in these courses at Brockport will give students a head start in those widely diversified areas.

For an Advanced Designation Diploma, students must earn at least three credits in World Language and pass the Regional Exam with a 65 or higher, or take one credit of language PLUS a sequence of 5 credits in one of the following areas of study: Technology or Art or Music or Business or WEMOCO. See your Counselor for more information.

The Technology Education Department is pleased to offer two sequences that let you choose a series of classes that aligns with your interests. The two sequences are Applied Technology and Engineering Technology. Students looking to obtain a NYS CTE endorsement should select courses from our Engineering sequence.

APPLIED TECHNOLOGY SEQUENCE	Credits	College Credit
DDP Foundations of Technology EbD	1	MCC
Broadcasting & Video Production	1	
Production Systems	1	
Residential Construction	1	
Transportation Systems	1	
Computer Aided Design (CAD)	.5	MCC
Creativity & Innovation	.5	
Electronics	.5	MCC
Intro to Computer Science/Video Game Design	.5	

ENGINEERING TECHNOLOGY SEQUENCE	Credits	College Credit
DDP Foundations of Technology EbD	1	MCC
Civil Engineering and Architecture	1	
Computer Integrated Manufacturing and Mechatronics	1	
AP Computer Science A (AP Computer Science Principles will run in 2024-2025)	1	AP Credit
Principles of Engineering	1	
Capstone Engineering- Senior Year	1	

APPLIED TECHNOLOGY COURSES

Design Drawing for Production, Foundations of Technology (DDP)

Grades: 9-12 **Length:** Full Year
Prerequisite: None **Credit:** 1.0
Examination: Local

DDP is a one-unit course that is taken primarily by 9th graders. Students will experience challenging design and problem-solving activities. The Design/Production process will focus on the steps taken from the design concept to the completion of technical drawings, illustrations and building prototypes. **DDP can be used to fulfill a student's Fine Art graduation requirement.**

* This course can be taken for college credit.

Broadcasting & Video Production

Grades: 9-12 **Length:** Full Year
Prerequisite: None **Credit:** 1.0
Examination: Local

Broadcasting & Video Production is a full year course focusing on the production of regular news program to be aired in the school. Students will learn about all aspects of pre-production, production, and post-production and will produce their own side projects such as commercials and short films. Coverage of school and community events will be emphasized, including sports games, music and theatre productions and other events. Students will have full access to and be expected to master equipment in the studio and production room. No previous experience is required.

Production Systems

Grades: 9-12 **Length:** Full Year
Prerequisite: None **Credit:** 1.0
Examination: Local

This is highly recommended Freshmen course in Technology Education. It is an excellent course for students who enjoy hands-on activities involving design and production of a product. Students will use tools and equipment found in the manufacturing and construction industries. This competency-based course prepares students for entry-level positions in the carpentry and cabinetmaking industry. Included in the course are cabinet design and styles, the use of advanced machines and equipment, computer-aided manufacturing, special materials and commercial wood finishes including green, sustainable techniques and materials. Students will demonstrate their knowledge and skills by designing and building advanced wood projects.

Residential Construction

Grades: 9-12 **Length:** Full Year
Prerequisite: Production **Credit:** 1.0
Examination: Local

Residential Construction covers the process of building a

new home. This course is geared toward students interested in any area of the construction trades. This course will explore old and new building techniques, materials and equipment. Students will have access to a variety of tools and equipment used in the construction industry today. Students will safely experience the residential construction process by designing, planning and building of their very own structure.

Transportation Systems

Grades: 9-12 **Length:** Full Year
Prerequisite: None **Credit:** 1.0
Examination: Local

This course explores the entire transportation industry, including land, sea, air, and space transportation. Students will produce several projects/models relating to each of these modes of transportation. Creative thinking and problem solving are key components of this course. Typical projects include: Flight Simulator, motor assembly, CO2 racecars, boat hull design and aircraft wing design.

Computer Aided Design (CAD)

Grades: 9-12 **Length:** Semester
Prerequisite: None **Credit:** .5
Examination: Local

This is a course for the student who is interested in any technological and/or engineering career. This course uses AutoCAD and Inventor software to explore the numerous applications of Computer Aided Design. Students will create computer drawings that will someday build a product or solve a problem. Students will experience the evolution of creating 2D shapes and transforming them into a virtual 3D product.

**Anticipated dual enrollment pending future approval*

Creativity and Innovation

Grades: 9-12 **Length:** Semester
Prerequisite: None **Credit:** .5
Examination: Local

A 1/2-unit course which encourages the solving of technical, real-world problems through the use of unconventional approaches. Topics include methods of approaching and developing a student's creativity and innovation. The cultural impact of creativity and innovation will also be explored. Given a defined supply of various materials, students will use hands on laboratory skills to design, create and construct solutions to their stated technical problems. You will be encouraged to "think outside the box" and then build it.

Electronics

Grades: 9-12 **Length:** Semester
Prerequisite: Production **Credit:** .5
Examination: Local

Electronics involves the study of the use of operation of electronic components and test equipment. Students will study circuit theory and apply their knowledge to build and solder electronic projects and complete lab experiments. In addition, students will build multiple house wiring circuits with Romex, switches, outlets, and light receptacles. This class will also focus on learning advanced electronic concepts through hands-on applications found in modern day electronic devices.

* This course can be taken for college credit.

Introduction to Computer Science -Video Game Design

Grades: 9-12 **Length:** Semester
Prerequisite: None **Credit:** .5
Examination: Local

This is a computer science course that explores the creation of both computer animation and video game design. Students will use modern java-based programming software to learn the foundations of programming. This is an introductory design course in which students are not required to have any programming knowledge or advanced computer skills.

*Coursework is accomplished by creating code using CodeHS.

Design Drawing for Production, Foundations of Technology (DDP)

Grades: 9-12 **Length:** Full Year
Prerequisite: None **Credit:** 1.0
Examination: Local

DDP is a one-unit course that is taken primarily by 9th graders. Students will experience challenging design and problem- solving activities. The Design/Production process will focus on the steps taken from the design concept to the completion of technical drawings, illustrations and building prototypes. **DDP can be used to fulfill a student's Fine Art graduation requirement.**

* This course can be taken for college credit.

Principles of Engineering (POE)

Grades: 9-12 **Length:** Full Year
Prerequisite: None **Credit:** 1.0
Examination: Local

The POE class focuses on the development of students' problem solving, teamwork, math/science, and communication skills. Topics of study include: engineering fields, processes, power transfer methods (simple machines, linkages, gears, pneumatics, hydraulics and motors), industrial applications of statistics and applied physics (material strength, projectile motion, thermodynamics and statistics).

Computer Integrated Manufacturing and Mechatronics

Grades: 9-12 **Length:** Full Year
Prerequisite: None **Credit:** 1.0
Examination: Local

The purpose of this course is to expose students to the fundamentals of computerized manufacturing technology. Topics of study include: shop math, 2D and 3D CAD, G & M code programming, computer numerical control (CNC) equipment, computer aided manufacturing (CAM) software, automation control, electric systems, and robotics. This course reinforces technical drawing standards and CAD modeling skills developed in DDP. Mechatronics engineering uses a combination of mechanical, electrical, computer and software skills to work with smart technologies, such as robots, automated guided systems, and computer-integrated manufacturing equipment.

Civil Engineering and Architecture

Grades: 9-12 **Length:** Full Year
Prerequisite: None **Credit:** 1.0
Examination: Local

A one-unit course dealing with an overview of the fields of Civil Engineering and Architecture, emphasizing their interrelationship and dependence upon each other. Students use state of the art software to solve real-world problems and communicate solutions to hands-on projects and activities. This course covers topics such as: The Roles of Civil Engineers and Architects, Project Planning, Site Planning, Building Design, Project Documentation and Presentation.

AP Computer Science A

Grades: 9-12

Prerequisite: None

Examination: Local and/or AP

Length: Full Year

Credit: 1.0

AP Computer Science A introduces students to computer science through programming with the **Java** programming language used in industry and business world-wide. Fundamental topics in this course include the design of solutions to problems, the use of data structures to organize large sets of data, the development and implementation of algorithms to process data and discover new information, the analysis of potential solutions, and the ethical and social implications of computing systems. This course is endorsed by the College Board, giving students the opportunity to take the AP CSP exam for college credit.

Note: Computer Science Principles will be offered during the 2024-2025 school year.

***Course may be taken for AP college credit**

Capstone Engineering (formerly EDD)

Grades: 12

Prerequisite: Successful completion of DDP, POE, CEA, Computer Science or CIM Classes.

Also, current enrollment in college preparatory math.

Length: Full Year

Examination: Portfolio

Credit: 1.0

This course relies heavily upon the technical knowledge and skills learned in the other Engineering Technology. This course is the most open-ended and most challenging of all the Engineering classes therefore reserved for Brockport Seniors. It offers the serious student the opportunity to apply all the skills learned in the other Engineering Technology courses. Working as a team, the class identifies a quarter or semester-based problems and projects. Then sub-teams of two to three students to research the problem from different angles. Design, building, and testing follow a timeline developed by the class. Assistance from engineers and other professionals is often utilized. Each sub-team is responsible for delivering progress reports to the group. Students will maintain a journal as part of a portfolio of their work.

WEMOCO

Career and Technical Education Center

The BOCES 2 Career and Technical Education Center is located in neighboring Spencerport. The center provides students a hands-on opportunity to explore a variety of career fields in preparation for meaningful employment or post-secondary education.

The center offers juniors and seniors a number of one-year and two-year courses and other unique career and college preparation programs. For more complete information on course offerings, students should log onto their Naviance account and click on the "WEMOCO Programs" link. Students interested in enrolling in any of the center's programs may make an appointment with their school counselor to discuss options.

Career and Technical Education Courses

Successful completion of Career and Technical Education courses results in credits toward a Regents diploma. Courses are offered in the following career areas:

- Communication and Visual Arts
- Construction
- Human and Public Service
- Information Technology
- Manufacturing
- Transportation
- Trades and Services

Programs combine theory and applied academics, career development and occupational studies as well as hands-on experiences. Students also receive school-to-career counseling and can participate in internship and co-op work experiences. Students registered in selected Career and Technical Education courses may also receive credit from Monroe Community College.

Trades and Services

Trades and Services courses provide students the ability to learn and develop skills beyond those acquired in the Work Activities Center (Department for Exceptional Children). These courses explore a variety of occupational areas through guided instruction, supported learning, practice and assessments, while allowing more time to learn new skills and increase independence. Students receive career counseling and have work study options, along with opportunities for more advanced career and technical education courses.

New Visions Program

College bound high school seniors explore professional career interests, while accruing high school college credits. New Visions students intern in their chosen profession. Students receive credits in 12th grade Social Studies through integrated instruction and can earn dual credit at area colleges. New Visions students engage in relevant curriculum with purposeful activities and authentic assessments. Students participate in rigorous content related academic instruction and post-secondary/career planning combined with realistic learning experiences in professional situations. **An application process is required during the Fall of the student's junior year for entry into New Vision courses. See your school counselor for more information.**

Career and Technical Education Center

• Middle Skills •

Communication and Visual Arts

- Digital and Visual Communications

Construction

- Carpentry
- Heating, Ventilation and Air Conditioning (HVAC)
- Plumbing and Heating
- Residential and Industrial Electricity
- Introduction to Construction Trades

Human and Public Service

- Baking
- Nurse Assisting and Associated Health Careers
- Cosmetology
- Criminal Justice
- Culinary Arts
- Dental Assisting
- Child and Family Development
- Phlebotomy and Laboratory Science

- Health and Exercise Science
- Criminal Justice

Information Technology

- Computer Technology
- Computer Automation and Cybersecurity

Manufacturing

- Engineering and Metal Fabrication Academy: Machining
- Engineering and Metal Fabrication Academy: Welding

Transportation

- Automotive Technology
- Auto Body/Collision and Repair Technology
- Heavy Equipment Operations and Maintenance
- Outdoor Powersports Technology

Health Care

Certified Nurse Assisting (CNA) - Prepare for and practice patient care and gain more than 100 hours of clinical experience in a medical setting. **Dental Assisting** - Prepare for and practice chairside assisting and gain 200 hours of clinical experience in local dental office rotations.

Exercise Science - Prepare for personal training certification while gaining experiences in local fitness, athletic, rehabilitative and wellness facilities.

Phlebotomy and Laboratory Science - Train in phlebotomy (drawing blood), medical terminology, and general laboratory procedures for use in medical, veterinary, environmental and food labs.

Human Services

Cosmetology - Gain the professional skills and hours necessary to pass the NYS cosmetology licensing exams while practicing skills on mannequins and clients, plus shadowing in local salons.

Manufacturing

Engineering and Metal Fabrication Academy - Welding Learn to weld metal together using industry standard processes of Shielded Metal Arc Welding {SMAW-Stick}, Gas Tungsten Arc Welding (GTAW-TIG), and Gas Metal Arc Welding {GMAWMIG}, as well as plasma arc and oxy-acetylene cutting.

Engineering and Metal Fabrication Academy - Machining Learn the intricacies of removing metal to create parts with high precision. Build skills necessary to operate manual and Computer Numerical Controlled {CNC} lathes, mills and power saws for employment in a high-demand field.

Construction

Carpentry - Learn fundamentals of residential carpentry and gain real-world experience by contributing to the construction of a new house.

HVAC/Plumbing - Learn fundamentals of and practice fitting, assembling, and preparing piping. Install residential/commercial heating, air conditioning, refrigeration and ventilation systems.

Residential and Commercial Electrical - Learn electrical theory, wiring and to interpret and apply the requirements of the National Electric Code for residential and commercial construction projects.

Introduction to Construction Trades - Explore and build knowledge/skills in four areas of construction trades: carpentry, HVAC/plumbing, electricity and heavy equipment.

Transportation

Auto Body and Collision Repair Technology - Learn detailing and to repair and refinish vehicles, including metal straightening, MIG-welding, plastic fillers and major collision repair.

Automotive Technology - Maintain, diagnose and repair vehicles by identifying mechanical and electronic/computer issues that affect vehicle performance and safety.

Heavy Equipment Operation and Maintenance - Prepare for a commercial driver's license {COL} and learn skills required by heavy equipment operators for construction, landscaping and highway industries, as well as the maintenance and repair of construction related equipment.

Outdoor Powersports Technology Learn to diagnose/troubleshoot, repair and maintain two- and four-stroke recreational and utility machines. Gain real-world experience driven by seasonal demands.

Education

Child and Family Development - Learn about human development from birth to adulthood in preparation for a career in helping professions such as teacher, social worker, or counselor. Assist in operating a pre-school aged playgroup.

Law and Public Safety

Criminal Justice - Learn about human development from birth to adulthood in preparation for a career in helping professions such as teacher, social worker, or counselor. Assist in operating a pre-school aged playgroup.

Communications

Advertising Design/Multimedia - Master the basics of graphic design, photography, videography and strategic communications while using industry-aligned software and equipment.

Hospitality

Baking - Gain skills in the preparation of confectionary foods: breads, pizza, rolls, cakes, cookies and pastries. Learn to operate a retail bakery.

Culinary Arts - Prepare food in professionally-equipped kitchens while acquiring knowledge of nutrition, menu planning, catering, dining service and restaurant management.

Information Technology

Computer Technology - Learn about the Comp TIA A+ curriculum through the Cisco Networking Academy, customer service support and video game design.

Find more info about WEMOCO at <http://www.monroe2boces.org/CTE> or follow on social media: @WEMOCOCTE

World Languages



In order to graduate, students must have completed one unit of a language other than English by the end of 12th grade (most students will accomplish this by the end of 8th grade). Three (3) units of a language other than English are the minimum requirement for a diploma with Advanced Designation. For students who plan to attend college, Levels 4 and 5 are recommended. Many colleges require Levels 4 and 5 for admission.

For an Advanced Designation Diploma, students must earn at least three credits in World Language and pass the Regional Exam with a 65 or higher, or take one credit of language PLUS a sequence of 5 credits in one of the following areas of study: Technology or Art or Music or Business or WEMOCO.

*For more information on the Seal of Biliteracy graduation distinction see page 10.

Level 1: French and/or Spanish

Grade: All levels **Length:** Full Year
Prerequisite: None **Credit:** 1.0
Examination: Local/Proficiency exam

Level 1 is designed for students who have never had any prior language experience. Students must pass this course or the proficiency exam in the High School in order to graduate. Level 1 will be offered annually for students needing the credit for graduation or for students interested in starting a language.

Level 2: French and Spanish

Grades: 9-12 **Length:** Full Year
Prerequisite: Level 1 or proficiency exam credit **Credit:** 1.0
Examination: Local

Level 2 is designed for students who want to continue the study of a Spanish/French language and are pursuing a sequence in this area. It continues the development of listening, speaking, reading and writing skills. More vocabulary is acquired, further grammatical structures are presented, and the study of culture is integrated throughout the course.

Level 3: French and Spanish

Grades: 9-12 **Length:** Full Year
Prerequisite: Level 2 **Credit:** 1.0
Examination: Regional

Level 3 continues to advance all communication skills and the study of culture in preparation for the comprehensive regional exam. In order to receive a Regents Diploma with Advanced Designation, students must pass the comprehensive regional exam and the level 3 course.

Level 4: French and Spanish

Grades: 11-12 **Length:** Full Year
Prerequisite: Level 3 **Credit:** 1.0
Examination: Local

Level 4 is designed for students who choose to continue the study of a French/Spanish language. Spontaneity and fluency in the target language are developed through a wide range of activities in listening, reading, writing and speaking. This is a project-based learning and performance course.

Level 5: Honors French and Spanish

Grade: 12 **Length:** Full Year
Prerequisite: Level 4 **Credit:** 1.0
Examination: Local

Level 5 is an honors class designed for students who choose to study language in a college-type setting. It is a continuation of the skills begun in Level 4. Culture study continues through the readings and multimedia activities that are chosen. Senior students may receive 3-1-3 credit if they are enrolled in the 3-1-3 program through the College at Brockport.

Discovering Europe

Grades: 9-12 **Length:** Semester
Prerequisite: None **Credit:** .5
Examination: Local

This Course (conducted primarily in English) is focused on discovering Europe through history, art, culture, literature, culinary experiences, and key target language vocabulary phrases, etc. to broaden cultural awareness and help students to better navigate our increasingly global society. By the end of the course, students will be able to make connections with and comparisons to their culture and European countries. This course does not meet a component requirement for the advanced diploma with designation but can be taken at the same time as another World Language Course.

Mission

We engage and empower each student to achieve excellence as a learner and citizen.

Vision

We aspire to be a leading, innovative, high-performing school district that graduates each student prepared for college or a career.

Core Beliefs

Students first

Our students are our first priority.

Character

We value integrity, diversity and respect for all.

High expectations

We believe all students can learn and we hold high expectations for ourselves and our students.

Teaching and learning

Effective teaching and a rigorous curriculum are the foundations for high-quality learning.

Work ethic

We work hard and take pride in all that we do.

Health and safety

We all have an obligation to promote a healthy, safe and secure environment.

Community

Student, family and community engagement is critical for our success.

