

Mattanawcook Academy Program of Studies



2024–2025

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PRINCIPAL'S MESSAGE

Course selection is a very important activity for all students. It's a time when students must define their immediate and long range goals, future aspirations, and take stock of their abilities to do well in their studies. My advice to students is to use any and all of the resources at your disposal including: teachers, guidance counselors, other students, college, military, parents and other personnel to make informed and appropriate decisions about course selection. Take the most challenging course load you can manage while maintaining good grades and balance with your other interests. Keep in mind the ultimate goal is high school graduation as well as setting the foundation for future educational or vocational plans. Hard work now pays big dividends later in the choices you will have once you graduate.

Please use this program of studies document as a way to develop an understanding of requirements and expectations for each course offered at Mattanawcook Academy. Take note of any prerequisites for courses.

If you have any questions before you complete your course sign-ups, please don't hesitate to ask for assistance.

Matthew Arsenault

GUIDANCE DEPARTMENT

The Guidance Department of Mattanawcook Academy exists to provide various services for you as you attempt to orient yourself to our shifting society and meet demands made of you in and beyond school. We are equipped to help you with problems you might have, whether an educational, vocational or personal matter.

Communicating a student's progress to parents/guardians is done through PowerSchool, phone calls, and emails, but sometimes there is no substitute for a face to face meeting. At any time throughout the school year a parent-teacher-student conference may be requested. Please do not hesitate to contact a teacher, guidance counselor or principal to schedule a meeting if you have any questions or concerns about a student's progress.

Jessy Alexander
Guidance Counselor of
students with last names A-L

Kate Grant
Guidance Counselor of
students with last names M-Z

POST-SECONDARY SCHOOL ADMISSION COURSE REQUIREMENTS

NOTE: Standards and admission policies vary from school to school. Therefore, students and parents are advised to review college catalogs for specific entrance requirements. Students can be sure of a college's admissions requirements by checking the individual college web sites.

Highly Competitive Colleges

- 4 years English (AP Literature, AP English Lang)
- 4 years Math (Algebra 1 & 2; Geometry; Pre- Calculus; Statistics; AP Calculus)
- 4 years Science (Earth Science, Biology, Chemistry, Physics, AP Biology, Anatomy, AP Chemistry)
- 3-4 years Foreign Language (same language)
- 4 years Social Studies (college history classes)
- 1-2 years Fine Arts
- Advanced Placement and/or college courses (strongly recommended)

Most Four-Year Colleges

- 4 years English
- 3-4 years Math (Algebra 1 & 2; Geometry; Pre- Calculus or Statistics)
- 3-4 years Science (Earth Science, Biology, Chemistry, Physics, Anatomy)
- 2-3 years Foreign Language (same language)
- 4 years Social Studies
- 1-2 years Fine Arts

Four-Year Art Schools/Colleges

- 4 years English
- 3 years Math
- 2 years Science (Laboratory)
- 3 years Social Studies
- 2 years Foreign Language
- 3-4 years Art (including portfolio)

Four-Year Nursing & Allied Health Programs

- 4 years English
- 3-4 years Math (Algebra 1 & 2; Geometry; Pre- Calculus or Statistics)
- 3 years Science (Earth Science, Biology, Chemistry, Physics, Anatomy)
- 2 years Foreign Language (same language)
- 4 years Social Studies (plus Psychology & Sociology electives)
- 1 year Anatomy & Physiology (recommended)

Four-Year Engineering & Science Programs

- 4 years English
- 4 years Math (Algebra 1 & 2; Geometry; Pre- Calculus or Statistics; AP Calculus)
- 4 years Science (Earth Science, Biology, Chemistry, Physics, any AP science courses)
- 2-3 years Foreign Language (same language)
- 4 years Social Studies

Four-Year Business Programs

- 4 years English
- 4 years Math (Algebra 1 & 2; Geometry; Pre- Calculus; Statistics)
- 2-3 years Science
- 2-3 years Foreign Language (same language)
- 4 years Social Studies
- Related Business courses (accounting, computer, and economics)

Two-Year Technical Institutes/Community Colleges

- 4 years English
- 3-4 years Math (Algebra 1 & 2; Geometry; Pre- Calculus)
- 2-3 years Science
- 3 years Social Studies
- 2 years Foreign Language (recommended for Liberal Arts transfer programs)
- Related Technology courses

COLLEGE COURSES & AP CLASSES

Students may participate in early college credit programs offered as a partnership with MA and select post-secondary schools up to 12 credits per year at no cost to the student. All students enrolled in AP classes at Mattanawcook Academy are expected to take AP exams in May of each year. However, a student wishing to be exempt from taking the exam must complete a waiver with the course instructor by October 15.

GRADUATION CREDIT REQUIREMENTS

Twenty-four (24) credits are required to graduate from Mattanawcook Academy (MA). To be considered full time a student must carry a minimum of six (6) credits per semester. MA's Graduation Requirements can be found in [Policy IKF - Graduation Requirements](#).

TRANSCRIPTS

High school transcripts are a valuable document that is utilized by prospective colleges and employers. Colleges will be looking to see what kind of classes you took and whether you chose to challenge yourself in addition to the grades you receive and your overall GPA. Grades are reported on the transcript as explained in School Board Grading and Reporting Policy IKA and IKA-R. These items are all reported on your official transcripts. Activities, honors, awards, and SAT scores may be added to your transcript as well. All semester grades, excluding pass/fail and other credit options, are included in calculating the grade point averages. Final grades become a part of your record. Also listed will be your attendance record which may be very important. Sometimes when you apply for work, businesses will ask for a copy of your transcript – not just to look at your grades – but to look at your attendance record. They want to hire someone that comes to work, isn't late or doesn't call in sick frequently.

AWARDING OF CREDIT

For a student to receive credit for a course they must successfully meet all course requirements with an average of at least a 70. Credit for all Mattanawcook Academy courses will be issued on a semester basis. The amount of credit awarded for a semester-long course will be .5 credits. If a student enrolls in an approved college course, either in person or online, they shall receive one full high school credit when the student earns a passing grade.

STANDARDIZED TESTING

All students who are required to take the Maine State Assessment will participate in those required tests. Some college degree programs require scores from the *Scholastic Aptitude Test* (SAT) or ACT. It is recommended for college bound students to take the SAT in the spring of their junior year and, if needed, again in the fall of their senior year. Most colleges will use the best scores from the combination of the two SAT tests taken. Some colleges require SAT subject tests or Accuplacer tests as well. When researching and applying for college, always check the standardized testing requirements for the college. Freshman, sophomores, and juniors will participate in district level screenings and have opportunities to take the PSAT sophomore and junior years. This is voluntary, but highly encouraged for those who may want to take the SAT their junior year. The experience of participating in the PSAT is invaluable preparation for the SAT.

SCHEDULE CHANGE POLICY

Students should initiate schedule change requests with the counselor during the first week of school or the first full week of the second semester. Students must obtain verbal approval for the class to be added before seeking approval to drop a particular course. Students will be admitted to new classes and study halls only when the student presents the guidance secretary with the completed schedule change request with the required signatures. These signatures must be obtained within 48 hours of receiving the form. In order for students to enter the new class, they must present a copy of their new schedule to the classroom teacher.

All schedule changes must have teacher, parent, and counselor signatures. Students will obtain signatures in the following manner:

1. Obtain teacher's signature.
2. Obtain parent's signature.
3. Obtain counselor's signature.
4. Turn in to guidance secretary for counselor approval.

Requests for schedule changes **will not be honored** after the first two weeks of the first semester or after the first two weeks of the second semester. (This means no class can be added or dropped after the second full week of school each semester unless there is a parent/student conference with the guidance counselor, administration, and the teacher(s).)

- It is understood that all schedule change requests will be honored on the condition that space is available in the course(s) desired.
- All schedule changes must be approved by the **student's parent** and counselor BEFORE entering class or dropping a course.
- Intra-departmental changes which affect other departments are considered schedule changes and are subject to the normal schedule change request constraints.
- During the second semester add/drop period, yearlong courses to which the student enrolls at the start of the year are not considered eligible for schedule changes unless arrangements to make a schedule change were intended and documented at the start of the year.

Exceptions to this policy: (administrator approval required)

1. Administrative request
2. Guidance/Teacher or department head recommendation
3. IEP recommendations
4. Medical reasons

STUDENTS MUST MAINTAIN A MINIMUM OF 6 MA COURSES. Therefore, after the add/drop period has ended, students carrying six (6) classes may not withdraw from a course. On-line and independent courses must be a student's 7th class. Students enrolled in a Region III program must also be enrolled in three (3) Mattanawcook Academy courses for credit to be a full-time student.

GRADE REPORTING SCHEDULE

Parents and students have access to student's grades at any time through our student information system using the student portal. Following the close of each semester grading period, an unofficial transcript will be mailed home to all students. Parents can request to have a written progress report sent home at any time by contacting the secretary in the guidance office.

OTHER CREDIT OPTIONS

Acceptable Course Options for Meeting Graduation Credits: Several options are available to students to receive high school credit. The following is a list of choices and criteria for using those options towards a Mattanawcook Academy diploma.

Adult Education Courses – A full-time day student may take adult education courses and count them towards graduation requirements with prior permission from the Adult Education Director and guidance counselor. Adult education courses are used for credit recovery.

College Courses – A full-time day student may take college courses and count them towards graduation requirements with prior permission from the administration and/or their designee. College courses must be taken at an accredited institution and have comparable breadth and depth as a yearlong Mattanawcook Academy high school course. College courses are worth 1 full credit and may be used to meet graduation requirements, but will not be used for GPA calculations.

Exchange Program Courses – A student wishing to count study abroad courses toward graduation credit must meet the same criteria as any other regular full-time day student if they wish to receive a Mattanawcook Academy diploma.

Mattanawcook Academy Summer School – Students may be recommended to recover credits during MA Summer School.

Pass/Fail Courses – Pass/fail courses carry no numerical grade and therefore cannot be calculated into the GPA.

PLATO Lab - Students may choose to sign up for a PLATO course to take as credit recovery or to take an elective Career/Technical course. PLATO must be a learner's seventh class and is through Adult Education as an outside of regular school hours commitment. PLATO is an on-line learning program that aligns with Mattanawcook Academy curriculum and standards. Students participating in a PLATO course will have to meet regularly set and monitored benchmarks in order to complete the course within the semester. Students learn from videos, readings and interactive multimedia activities in the PLATO environment. Appropriate credit will be awarded to a student who successfully completes a PLATO course.

Online/Distance Education High School Courses – A student wishing to count on-line or distance education high school courses toward graduation credit must meet the same criteria as any other regular full-time day student if they wish to receive a Mattanawcook Academy diploma. An online/distance education course will not be used in GPA calculations.

MATTANAWCOOK ACADEMY ALTERNATIVE EDUCATION PROGRAM

Alternative Education is dedicated to creating unique alternative learning options for students who have not found a good fit in the traditional high school setting. To earn a Mattanawcook Academy diploma, students in this program must demonstrate mastery of the same academic targets as other students in the building. However, they set their own pace and take responsibility for their learning. Students may also schedule MA and/or Region III classes of interest or aptitude.

Typically students who have had struggles in mainstream education have met with success in Alternative Education. We have identified the following types of students who seem to thrive in our setting:

- Students who suffer from school anxiety and being lost in the large school setting
- Students whose struggles are not caused by attendance or behavioral issues
- Students who need strong adult/student relationships to help them succeed

See Guidance or visit the Alternative Education teacher in Room 3B for more details.

5TH & 6TH YEAR STUDENTS

The administration of Mattanawcook Academy recognizes that some students may need more than four years to complete enough credits to earn a high school diploma. According to state law, students have the right to attend high school up until the year of turning 20, and will be allowed to complete that school year of their birthday. But, at the same time, we view the choice to attend high school more than four years the decision of the student, and therefore, will hold those students to a high standard of behavior and responsibility, as they are adults.

The following procedures will be used for “5th and 6th year” students:

- Students, with the help of their guidance counselor, will be sure their schedule contains the correct credits for graduation.
- Students will still be allowed the option of attending Region III.
- Students will attend their necessary classes only. Students will only be scheduled and required to stay for study halls if they have an open period between classes. Students will be required to stay for lunch if they have classes before or after the lunch period.
- To participate in any extracurricular activities (non-graded), students must be in good standing in the school, and have permission of the administration. MPA eligibility states that a student is only eligible to compete for the first eight consecutive semesters after he or she first enrolls as a freshman in high school.
- Since returning to high school is the choice of the student, no discipline issues will be tolerated.

Note: Courses listed in this program of studies may be adjusted due to staffing, sign-ups, or other factors.

MULTIPLE PATHWAYS - ELA Department

Four (4) ELA Credits Required for Graduation

Possible Course Sequences:

- English 1, English 2, English 3, English 4
- Advanced English 1, Advanced English 2, AP Language Composition, AP Literature and Composition or ENG 100

Year	Career	2-year college	4-year college +
Year 1	-English 1 -Creative Writing*	-English 1/Advanced English 1 -Creative Writing*	-English 1/ Advanced English 1 -Creative Writing*
Year 2	-English 2 -Creative Writing 1 or 2 *	-English 2/Advanced English 2 - Creative Writing 1 or 2 *	-English 2/Advanced English 2 - Creative Writing 1 or 2 *
Year 3	-English 3/English 3 Science Fiction, Fantasy, and Horror - Creative Writing 1 or 2 * -Advanced Creative Writing* -ENG 100	-English 3/Advanced English 3/English 3 Science Fiction, Fantasy, and Horror -Creative Writing 1 or 2* -Advanced Creative Writing* -ENG 100	-English 3/English 3 Science Fiction, Fantasy, and Horror/Advanced English 3/AP Language and Composition -Creative Writing 1 or 2* -Advanced Creative Writing* -ENG 100
Year 4	-English 4 -Creative Writing 1 or 2* -Advanced Creative Writing* -ENG 100	-English 4 -Creative Writing 1 or 2* -Advanced Creative Writing* -ENG 100	-English 4/AP Literature and Composition -Creative Writing 1 or 2* -Advanced Creative Writing* -ENG 100

*Elective courses

Arts and Communication (VPA, entertainment services, journalism)	Business Management and Marketing	Engineering, Science, and Technology	Manufacturing and Industrial Tech	Health Sciences	Human Services, Public Safety and Law	Natural Resources and Agriscience (horticulture, mining, forestry, environmental services)
<ul style="list-style-type: none"> -English 1 -Advanced English 1 -English 2 -Creative Writing 1 or 2* -English 3 -English 3 Science Fiction, Fantasy, and Horror -Advanced English 3 -AP Literature and Composition -AP Language and Composition -English 4 -ENG 100 -Advanced Creative Writing* 	<ul style="list-style-type: none"> -English 1 -Advanced English 1 -English 2 -Creative Writing 1 or 2* -English 3 -English 3 -Science Fiction, Fantasy, and Horror -Advanced English 3 -English 4 -AP Literature and Composition -AP Language and Composition -ENG 100 -Advanced Creative Writing* 	<ul style="list-style-type: none"> -English 1 -Advanced English 1 -English 2 -Advanced English 2 -English 3 -English 3 Science Fiction, Fantasy, and Horror -Advanced English 3 -AP Language and Composition -English 4 -AP Literature and Composition -ENG 100 	<ul style="list-style-type: none"> -English 1 -Advanced English 1 -English 2 -English 3 -English 3 Science Fiction, Fantasy, and Horror -English 4 -ENG 100 	<ul style="list-style-type: none"> -English 1 -Advanced English 1 -English 2 -Advanced English 2* -English 3 -English 3 Science Fiction, Fantasy, and Horror -Advanced English 3 -AP Language and Composition -AP Literature and Composition -English 4 -ENG 100 	<ul style="list-style-type: none"> -English 1 -Advanced English 1 -English 2 -Creative Writing 1 or 2* -English 3 -English 3 Science Fiction, Fantasy, and Horror -English 4 -AP Literature and Composition -AP Language and Composition -ENG 100 -Advanced Creative Writing* 	<ul style="list-style-type: none"> -English 1 -Advanced English 1 -English 2 -English 3 -English 3 Science Fiction, Fantasy, and Horror -AP Psychology* -English 4 -AP Literature and Composition -ENG 100

Oral Communications is embedded in all 4 years of required English courses.

*Elective courses

MULTIPLE PATHWAYS - Social Studies Department

Four (4) High School Social Studies Credits Required for Graduation which need to include U.S. History, Civics, and Personal Finance.

Year	Career	2-year college	4-year college +
Year 1	-U.S. History	-U.S. History/Advanced U.S. History	-U.S. History/Advanced U.S. History
Year 2	-Civics -Contemporary American Crime -Current Affairs	-Civics -Contemporary American Crime -Current Affairs	-Civics -Contemporary American Crime -Current Affairs
Year 3 (All Electives)	-Economics -Consumerism -Contemporary American Crime -Military History -Journalism* -History of Pop Culture and Entertainment -Twentieth Century World History -Current Affairs	-Economics -Consumerism -Contemporary American Crime -Military History -AP Psychology* -History 104 (EMCC) - U.S. History Since 1877 -HTY102 (USM) - World History Since 750 -HTY 131 (USM) - U.S. History to 1887 -Journalism* -History of Pop Culture and Entertainment -Twentieth Century World History -Current Affairs	-Economics -Consumerism -Contemporary American Crime -Military History -AP Psychology* -History 104 (EMCC) - U.S. History Since 1877 -HTY102 (USM) - World History Since 750 -HTY 131 (USM) - U.S. History to 1887 -Journalism* -History of Pop Culture and Entertainment -Twentieth Century World History -Current Affairs
Year 4 (All Electives)	-Economics -Consumerism -Contemporary American Crime -Military History -Journalism* -History of Pop Culture and Entertainment -Twentieth Century World History -Current Affairs	-Economics -Consumerism -Contemporary American Crime -Military History -AP Psychology* -History 104 (EMCC) - U.S. History Since 1877 -HTY102 (USM) - World History Since 750 -HTY 131 (USM) - U.S. History to 1887 -Journalism* -History of Pop Culture and Entertainment -Twentieth Century World History -Current Affairs	-Economics -Consumerism -Contemporary American Crime -Military History -AP Psychology* -History 104 (EMCC) - U.S. History Since 1877 -HTY102 (USM) - World History Since 750 -HTY 131 (USM) - U.S. History to 1887 -Journalism* -History of Pop Culture and Entertainment -Twentieth Century World History -Current Affairs

*Elective courses

Arts and Communication (VPA, entertainment services, journalism)	Business Management and Marketing	Engineering, Science, and Technology	Manufacturing and Industrial Tech	Health Sciences	Human Services, Public Safety and Law	Natural Resources and Agriscience (horticulture, mining, forestry, environmental services)
-US History/Advanced US History -Civics -Crime -Consumerism -Military History -Journalism -History of Pop Culture and Entertainment -Twentieth Century World History -Current Affairs	-US History/Advanced US History -Civics -Economics -Consumerism -AP Psychology* -HTY 102 -HTY 131 -HIS 104 -Journalism -History of Pop Culture and Entertainment	-US History/Advanced US History -Civics -Economics -AP Psychology* -HTY 102 -HTY 131 -HIS 104 -History of Pop Culture and Entertainment	-US History/Advanced US History -Civics -Consumerism -Economics -Military History -Twentieth Century World History -Current Affairs	-US History/Advanced US History -Civics -Consumerism -Economics -AP Psychology* -HTY 102 -HTY 131 -HIS 104 -History of Pop Culture and Entertainment	-US History/Advanced US History -Civics -Crime -Consumerism -Economics -AP Psychology* -HTY 102 -HTY 131 -HIS 104 -Military History -History of Pop Culture and Entertainment -Twentieth Century World History -Current Affairs	-US History/Advanced US History -Civics -Economics -AP Psychology* -HTY 102 -HTY 131 -HIS 104 -Military History -History of Pop Culture and Entertainment -Twentieth Century World History -Current Affairs

Many of the courses in Social Studies embed communication/presentation skills within the content.

MULTIPLE PATHWAYS - Math Department

Three (3) High School Math Credits Required for Graduation

Possible Math Course Sequences:

- Algebra 1, Geometry, Algebra 2
- Pre-Algebra, Algebra 1, Geometry
- Algebra 1, Geometry, Financial Algebra

Year	Career	2-year college	4-year college +
Year 1	-Pre-Algebra -Algebra 1 -Geometry -Math Problem Solving* -History of Sports in America* -Introduction to Graphic Art & Design*	-Pre-Algebra -Algebra 1/Advanced Algebra 1 -Geometry -Math Problem Solving* -History of Sports in America* -Introduction to Graphic Art & Design*	-Pre-Algebra -Algebra 1/Advanced Algebra 1 -Advanced Geometry (only with recommendation) -Advanced Algebra 2 (only with recommendation) -Math Problem Solving* -History of Sports in America*
Year 2	-Pre-Algebra -Algebra 1 -Geometry -Math Problem Solving* -History of Sports in America* -Introduction to Graphic Art & Design*	-Algebra 1/Advanced Algebra 1 -Geometry/Advanced Geometry -Algebra 2/Advanced Algebra 2 -Math Problem Solving* -AP Computer Science* -History of Sports in America* -Introduction to Graphic Art & Design* -Intro to Statistics*	-Algebra 1/Advanced Algebra 1 -Geometry/Advanced Geometry -Algebra 2/Advanced Algebra 2 -Precalculus/Advanced Precalculus/MAT 122 -Math Problem Solving* -Intro to Statistics* -AP Computer Science* -History of Sports in America* -Introduction to Graphic Art & Design*
Year 3	-Algebra 1 -Geometry -Algebra 2 -Financial Algebra -Math Problem Solving* -AP Computer Science* -History of Sports in America* -Introduction to Graphic Art & Design*	-Geometry/Advanced Geometry -Algebra 2/Advanced Algebra 2 -Precalculus/Advanced Precalculus -Financial Algebra -Math Problem Solving* -Intro to Statistics* -AP Computer Science* -History of Sports in America* -Introduction to Graphic Art & Design*	-Geometry/Advanced Geometry -Algebra 2/Advanced Algebra 2 -Precalculus/Advanced Precalculus/MAT 122 -Financial Algebra* -Math Problem Solving* -Intro to Statistics* -AP Computer Science* -Calculus/AP Calculus -Advanced Topics in Mathematics -History of Sports in America* -Introduction to Graphic Art & Design*

Year 4	<ul style="list-style-type: none"> -Geometry -Algebra 2 -Financial Algebra -Precalculus -Math Problem Solving* -AP Computer Science* -History of Sports in America* -Introduction to Graphic Art & Design* -Intro to Statistics* 	<ul style="list-style-type: none"> -Geometry/Advanced Geometry -Algebra 2/Advanced Algebra 2 -Precalculus/Advanced Precalculus/MAT 122 -Financial Algebra -Calculus/AP Calculus -Math Problem Solving* -Intro to Statistics* -AP Computer Science* -History of Sports in America* -Introduction to Graphic Art & Design* 	<ul style="list-style-type: none"> -Geometry/Advanced Geometry -Algebra 2/Advanced Algebra 2 -Precalculus/Advanced Precalculus/MAT 122 -Financial Algebra -Calculus/AP Calculus -Math Problem Solving* -Intro to Statistics* -AP Computer Science* -History of Sports in America* -Introduction to Graphic Art & Design*
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*Elective Courses

Arts and Communication (VPA, entertainment services, journalism)	Business Management and Marketing	Engineering, Science, and Technology	Manufacturing and Industrial Tech	Health Sciences	Human Services, Public Safety and Law	Natural Resources and Agriscience (horticulture, mining, forestry, environmental services)
<ul style="list-style-type: none"> -Algebra 1 -Advanced Algebra 1 -Geometry -Advanced Geometry -Algebra 2 -Advanced Algebra 2 -Precalculus -Advanced PreCalc -Financial Algebra -Math Problem Solving* -Intro to Statistics* -AP Computer Science* -History of Sports in America* -Introduction to Graphic Art & Design* 	<ul style="list-style-type: none"> -Algebra 1 -Advanced Algebra 1 -Geometry -Advanced Geometry -Algebra 2 -Advanced Algebra 2 -Precalculus -Advanced PreCalc -Financial Algebra -Math Problem Solving* -Intro to Statistics* -AP Computer Science* -History of Sports in America* -Introduction to Graphic Art & Design* 	<ul style="list-style-type: none"> -Algebra 1 -Advanced Algebra 1 -Geometry -Advanced Geometry -Algebra 2 -Advanced Algebra 2 -Precalculus -Advanced PreCalc -Financial Algebra -Calculus -AP Calculus -Math Problem Solving* -Intro to Statistics* -AP Computer Science -Introduction to Graphic Art & Design* 	<ul style="list-style-type: none"> -Algebra 1 -Advanced Algebra 1 -Geometry -Advanced Geometry -Algebra 2 -Advanced Algebra 2 -Precalculus -Advanced Algebra 2 -Precalculus -Advanced PreCalc -Financial Algebra -Calculus -AP Calculus -Math Problem Solving* -Intro to Statistics* -AP Computer Science -History of Sports in America* 	<ul style="list-style-type: none"> -Pre-Algebra -Algebra 1 -Advanced Algebra 1 -Geometry -Advanced Geometry -Algebra 2 -Advanced Algebra 2 -Precalculus -Advanced PreCalc -Financial Algebra -Math Problem Solving* -Intro to Statistics* -AP Computer Science* -History of Sports in America* -Introduction to Graphic Art & Design* 	<ul style="list-style-type: none"> -Algebra 1 -Advanced Algebra 1 -Geometry -Advanced Geometry -Algebra 2 -Advanced Algebra 2 -Precalculus -Calculus -Financial Algebra -Math Problem Solving* -Intro to Statistics* -AP Computer Science* -Introduction to Graphic Art & Design* 	

MULTIPLE PATHWAYS - Science Department

Three (3) High School Science Credits Required for Graduation

Possible Science Course Sequences:

- General Science, Life Science, Physical Science
- Earth and Space Science, Biology, Chemistry, Physics

Year	Career	2-year college	4-year college +
Year 1	-Earth and Space Science/General Science -Engineering and Design* -Environmental Science	-Earth and Space Science/General Science -Engineering and Design* -Environmental Science	-Earth and Space Science (recommended) -Engineering and Design* -Environmental Science
Year 2	-Biology/Life Science -Engineering and Design* -Environmental Science -Introduction to Aircraft Design*	-Biology/Life Science -Engineering and Design* -Environmental Science -Introduction to Aircraft Design*	-Biology -Chemistry (could double up per teacher recommendation) -Engineering and Design* -Environmental Science
Year 3	-Chemistry/Physical Science/Physics -Engineering and Design* -Environmental Science -Forensic Science -Introduction to Aircraft Design*	-Chemistry/Physical Science/Physics -Engineering and Design* -Environmental Science -Forensic Science -Introduction to Aircraft Design*	-Chemistry -AP Biology -Engineering and Design* -Environmental Science -Forensic Science -Anatomy and Physiology* -AP Physics -Introduction to Aircraft Design*
Year 4	-Physical Science -Engineering and Design* -Environmental Science -Forensic Science -Anatomy and Physiology -Introduction to Aircraft Design*	-Physics -Engineering and Design* -Environmental Science -Forensic Science -Anatomy and Physiology -Introduction to Aircraft Design*	-Physics -AP Biology -Engineering and Design* -Environmental Science -Forensic Science -Anatomy and Physiology -AP Physics -Introduction to Aircraft Design*

*Elective Courses

Arts and Communication (VPA, entertainment services, journalism)	Business Management and Marketing	Engineering, Science, and Technology	Manufacturing and Industrial Tech	Health Sciences	Human Services, Public Safety and Law	Natural Resources and Agriscience (horticulture, mining, forestry, environmental services)
-Earth and Space Science/General Science -Biology/Life Science -Chemistry -Physical Science -Engineering and Design*	-Earth and Space Science/General Science -Biology/Life Science -Chemistry -Physical Science -Engineering and Design*	-Earth and Space Science -Engineering and Design* -AP Computer Science -AP Biology - Environmental Science -AP Physics -Introduction to Aircraft Design*	-Earth and Space Science/General Science -Biology/Life Science -Chemistry -Physical Science -AP Computer Science -Environmental Science -Engineering and Design* -Physics -Introduction to Aircraft Design*	-Earth and Space Science/General Science -Biology/Life Science -Chemistry -Anatomy and Physiology -AP Biology -Forensic Science -Physics -AP Physics	-Earth and Space Science/General Science -Biology/Life Science -Chemistry -Physical Science -Forensics -Environmental Science	-Earth and Space Science/General Science -Biology/Life Science -Chemistry -Physical Science -Environmental Science -Forensic Science -AP Biology -Physics -Introduction to Aircraft Design*
Many of the courses in science embed technology/technical writing within the content. *Elective courses						

MULTIPLE PATHWAYS - World Languages Department

World Language is not required for Graduation, however two (2) credits of the same language is recommended.

Possible World Language Course Sequence:

- French 1, 2, 3, 4
- Spanish 1, 2, 3, 4

Year	Career	2-year college	4-year college +
Year 1	-Exploring the French Language and Culture	-Exploring the French Language and Culture -French 1 or Spanish 1	-Exploring the French Language and Culture -French 1 or Spanish 1
Year 2	-Exploring the French Language and Culture	-Exploring the French Language and Culture -French 1 or Spanish 1 -French 2 or Spanish 2	-French 1 or Spanish 1 -French 2 or Spanish 2
Year 3	-Exploring the French Language and Culture	-Exploring the French Language and Culture -French 1 or Spanish 1 -French 2 or Spanish 2	-French 2 or Spanish 2 -French 3 or Spanish 3
Year 4	-Exploring the French Language and Culture	-Exploring the French Language and Culture -French 1 or Spanish 1 -French 2 or Spanish 2	-French 3 or Spanish 3 -French 4 or Spanish 4

Arts and Communication <small>(VPA, entertainment services, journalism)</small>	Business Management and Marketing	Engineering, Science, and Technology	Manufacturing and Industrial Tech	Health Sciences	Human Services, Public Safety and Law	Natural Resources and Agriscience <small>(horticulture, mining, forestry, environmental services)</small>
-Exploring the French Language and Culture -French 1 -French 2 -Spanish 1 -Spanish 2	-Exploring the French Language and Culture -French 1 -French 2 -Spanish 1 -Spanish 2	-Exploring the French Language and Culture -French I -French 2 -Spanish 1 -Spanish 2	-Exploring the French Language and Culture -French 1 -French 2 -Spanish 1 -Spanish 2	-Exploring the French Language and Culture -French 1 -French 2 -Spanish 1 -Spanish 2	-Exploring the French Language and Culture -French 1 -French 2 -Spanish 1 -Spanish 2	-Exploring the French Language and Culture -French 1 -French 2 -Spanish 1 -Spanish 2

MULTIPLE PATHWAYS - VPA Department

One (1) Credit in Visual or Performing Arts Required for Graduation

Year	Career	2-year college	4-year college +
Year 1	<ul style="list-style-type: none"> -Decorative Arts 1-4 -2-Dimensional Art -Exploring Mixed Media -Chorus/Band/Jazz Ensemble/Show Choir -Exploring Cinematic Music -Acting and Theatre -Engineering and Design -Introduction to Graphic Art & Design -Introduction to Pottery -Creation Studio 	<ul style="list-style-type: none"> -Decorative Arts 1-4 -2-Dimensional Art -Exploring Mixed Media -Chorus/Band/Jazz Ensemble/Show Choir -Exploring Cinematic Music -Acting and Theatre -Engineering and Design -Introduction to Graphic Art & Design -Introduction to Pottery -Creation Studio 	<ul style="list-style-type: none"> -Decorative Arts 1-4 -2-Dimensional Art -Exploring Mixed Media -Chorus/Band/Jazz Ensemble/Show Choir -Exploring Cinematic Music -Acting and Theatre -Engineering and Design -Introduction to Graphic Art & Design -Introduction to Pottery -Creation Studio
Year 2	<ul style="list-style-type: none"> -Decorative Arts 1-4 -2-Dimensional Art/3-Dimensional Art -Exploring Mixed Media -Chorus/Band/Jazz Ensemble/Show Choir -Exploring Cinematic Music -Acting and Theatre -Engineering and Design -Introduction to Graphic Art & Design -Intro to Painting -Introduction to Pottery -Creation Studio 	<ul style="list-style-type: none"> -Decorative Arts 1-4 -2-Dimensional Art/3-Dimensional Art -Exploring Mixed Media -Chorus/Band/Jazz Ensemble/Show Choir -Exploring Cinematic Music -Acting and Theatre -Engineering and Design -Introduction to Graphic Art & Design -Intro to Painting -Introduction to Pottery -Creation Studio 	<ul style="list-style-type: none"> -Decorative Arts 1-4 -2-Dimensional Art/3-Dimensional Art -Exploring Mixed Media -Chorus/Band/Jazz Ensemble/Show Choir -Exploring Cinematic Music -Acting and Theatre -Engineering and Design -Introduction to Graphic Art & Design -Intro to Painting -Introduction to Pottery -Creation Studio
Year 3	<ul style="list-style-type: none"> -Decorative Arts 1-4 -2-Dimensional Art/3-Dimensional Art -Intermediate Art -Exploring Mixed Media -Chorus/Band/Jazz Ensemble/Show Choir -Exploring Cinematic Music -Acting and Theatre -Engineering and Design -Introduction to Graphic Art & Design -Intro to Painting -Creation Studio -Child Development -Introduction to Pottery 	<ul style="list-style-type: none"> -Decorative Arts 1-4 -2-Dimensional Art/3-Dimensional Art -Intermediate Art -Exploring Mixed Media -Chorus/Band/Jazz Ensemble/Show Choir -Exploring Cinematic Music -Acting and Theatre -Engineering and Design -Introduction to Graphic Art & Design -Intro to Painting -Child Development -Introduction to Pottery -Creation Studio 	<ul style="list-style-type: none"> -Decorative Arts 1-4 -2-Dimensional Art/3-Dimensional Art -Intermediate Art -Exploring Mixed Media -Chorus/Band/Jazz Ensemble/Show Choir -Exploring Cinematic Music -Acting and Theatre -Engineering and Design -Introduction to Graphic Art & Design -Intro to Painting -Child Development -Introduction to Pottery -Creation Studio
Year 4	<ul style="list-style-type: none"> -Decorative Arts 1-4 -2-Dimensional Art/3-Dimensional Art 	<ul style="list-style-type: none"> -Decorative Arts 1-4 -2-Dimensional Art/3-Dimensional Art 	<ul style="list-style-type: none"> -Decorative Arts 1-4 -2-Dimensional Art/3-Dimensional Art

<ul style="list-style-type: none"> -Advanced Art -Exploring Mixed Media -Chorus/Band/Jazz Ensemble/Show Choir -Exploring Cinematic Music -Acting and Theatre -Engineering and Design -Introduction to Graphic Art & Design -Intro to Painting -Child Development -Introduction to Pottery -Creation Studio 	<ul style="list-style-type: none"> -Advanced Art -Exploring Mixed Media -Chorus/Band/Jazz Ensemble/Show Choir -Exploring Cinematic Music -Acting and Theatre -Engineering and Design -Introduction to Graphic Art & Design -Intro to Painting -Child Development -Introduction to Pottery -Creation Studio 	<ul style="list-style-type: none"> -Advanced Art -Exploring Mixed Media -Chorus/Band/Jazz Ensemble/Show Choir -Exploring Cinematic Music -Acting and Theatre -Engineering and Design -Introduction to Graphic Art & Design -Intro to Painting -Child Development -Introduction to Pottery -Creation Studio
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Arts and Communication (VPA, entertainment services, journalism)	Business Management and Marketing	Engineering, Science, and Technology	Manufacturing and Industrial Tech	Health Sciences	Human Services, Public Safety and Law	Natural Resources and Agriscience (horticulture, mining, forestry, environmental services)
<ul style="list-style-type: none"> -Decorative Arts 1-4 -3-Dimensional Art -Advanced Art -2-Dimensional Art -Exploring Mixed Media* -Chorus/Band/Jazz Ensemble/Show Choir -Exploring Cinematic Music -The Maine Table* -Jazz Ensemble* -Acting and Theatre -Creation Studio -Introduction to Graphic Art & Design -Intro to Painting -Introduction to Pottery 	<ul style="list-style-type: none"> -Exploring Mixed Media* -The Maine Table* -Introduction to Graphic Art & Design -Chorus/Band/Jazz Ensemble/Show Choir -Exploring Mixed Media -Intro to Painting -Creation Studio 	<ul style="list-style-type: none"> -3-Dimensional Art -Chorus/Band/Jazz Ensemble/Show Choir -Exploring Cinematic Music -Introduction to Graphic Art & Design -Introduction to Pottery -Intro to Painting I/II -Creation Studio 	<ul style="list-style-type: none"> -3-Dimensional Art -Exploring Cinematic Music -Introduction to Graphic Art & Design -Introduction to Pottery -Creation Studio 	<ul style="list-style-type: none"> -Chorus/Band/Jazz Ensemble/Show Choir -Child Development* -The Maine Table* -Introduction to Pottery 	<ul style="list-style-type: none"> -Child Development* -Exploring Cinematic Music -Introduction to Graphic Art & Design 	<ul style="list-style-type: none"> -The Maine Table* -Exploring Mixed Media* -Intro to Painting

*Electives

MULTIPLE PATHWAYS - Health/PE Department

One (1) Credit of Health and One (1) Credit of Physical Education Required for Graduation

- Health 1, Spring PE, Fall PE, Health 2

Recommendations

Year	Career	2-year college	4-year college +
Year 1	-Health 1 -Physical Education 1	-Health 1 -Physical Education 1	-Health 1 -Physical Education 1
Year 2	-Health 2 -Physical Education 2	-Health 2 -Physical Education 2	-Health 2 -Physical Education 2
Year 3	-Physical Management*	-Physical Management*	-Physical Management*
Year 4	-Physical Management*	-Physical Management*	-Physical Management*

*Elective courses

Arts and Communication (VPA, entertainment services, journalism)	Business Management and Marketing	Engineering, Science, and Technology	Manufacturing and Industrial Tech	Health Sciences	Human Services, Public Safety and Law	Natural Resources and Agriscience (horticulture, mining, forestry, environmental services)
-Health 1 -Health 2 -Physical Education 1 -Physical Education 2	-Health 1 -Health 2 -Physical Education 1 -Physical Education 2	-Health 1 -Health 2 -Physical Education 1 -Physical Education 2	-Health 1 -Health 2 -Physical Education 1 -Physical Education 2	-Health 1 -Health 2 -Physical Education 1 -Physical Education 2 -Physical Management*	-Health 1 -Health 2 -Physical Education 1 -Physical Education 2 -Physical Management*	-Health 1 -Health 2 -Physical Education 1 -Physical Education 2

INDEPENDENT STUDY

An Independent Study is designed to enhance or further a student's knowledge or understanding of a particular content area. It is not designed or intended to take the place of regularly scheduled classes available to students and students will not be allowed to use it for that purpose. For a student to do an independent study he/she must work in conjunction with a teacher mentor to design the independent study. To receive credit for the independent study it must cover a comparable amount of content and take an equivalent amount of time as compared to a class offered through Mattanawcook Academy's day program. An independent study class must be a student's 7th class.

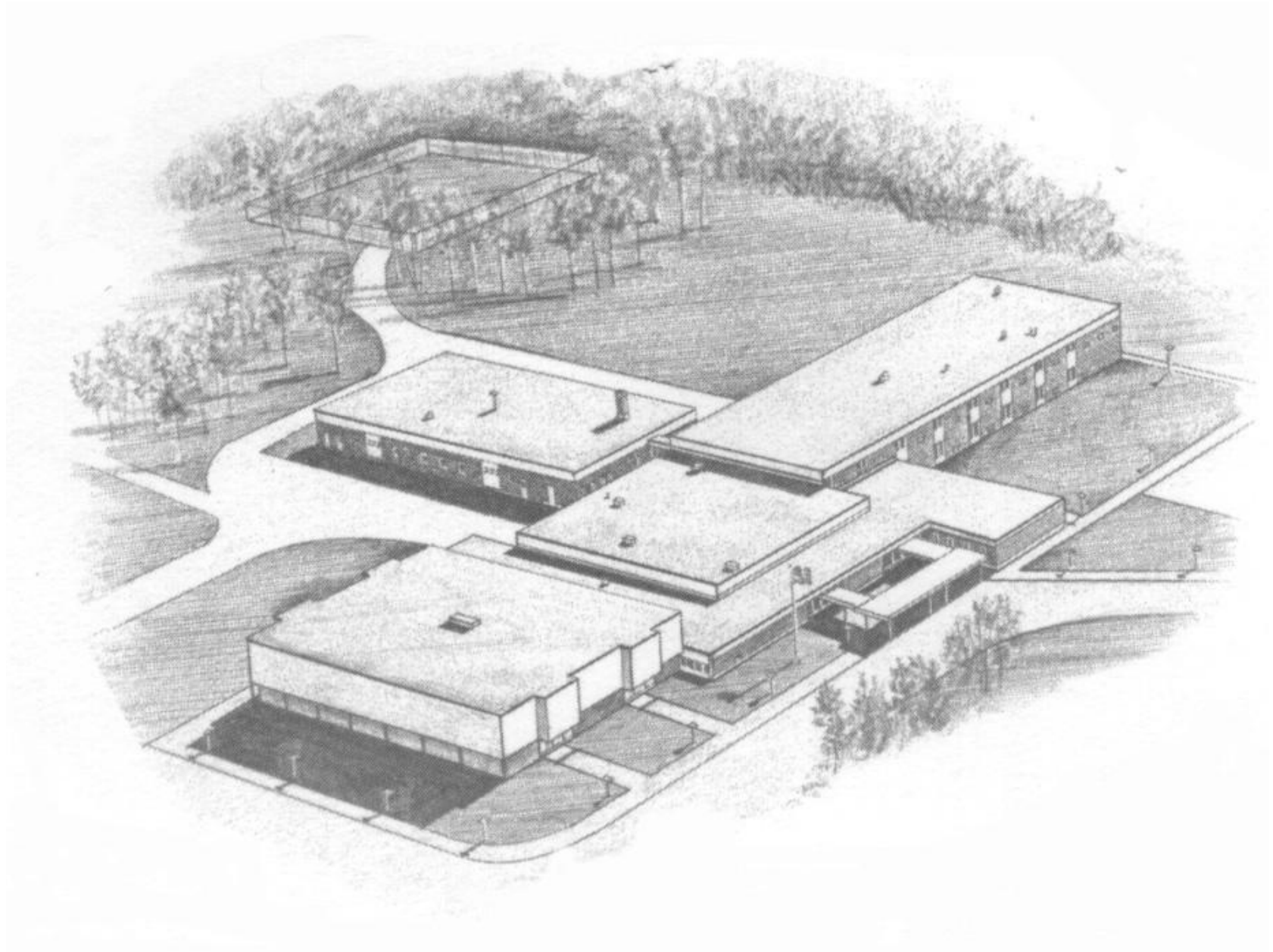
EDUCATIONAL PRACTICUM

There are times when a student considering a career in teaching or related fields may benefit from a practical learning experience. An option for that student would be an educational practicum. A student pursuing a practicum will work closely with the teacher and may assist in preparing for classes and lead classroom activities. A student in a practicum cannot be left alone to supervise a class or activity, discipline students, have access to confidential material such as grades, medical or any other private information or be responsible for any duties that are the responsibility of the classroom teacher.

Requirements/considerations for taking an Independent Study/Educational Practicum are:

- The student must have permission from the teacher mentor, administrator, and parent.
- A **written course description and outline by week** must be developed by the student and teacher mentor. The description and outline must be reviewed, approved, and signed by the teacher, student, parent, guidance counselor, and administrator. The description/outline should include expectations for both the teacher and student and be designed for the duration of the Independent Study/Educational Practicum (i.e. semester, year). Expectations should include, but not be limited to: specific content to be covered, assignments to be accomplished, grading procedures and timeline, and expected completion date.
- There must be a regularly scheduled class or time period during the school day which the student and teacher must meet. Students with a full schedule (8 classes) must schedule that time outside the school day.
- Independent Study/Educational Practicum students may be awarded credit, but will only be eligible to receive a pass/fail grade which will not be included into GPA calculations.
- Students will be limited to one Independent Study/Educational Practicum per semester.

Independent Study/Educational Practicum courses may not be used as a 6th course in a student's schedule.



English

English Requirement: Four credits (4) in English are required to graduate.

<u>Course: English 1</u>	Grade Level: 9	Credit: 1.00
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English 1 is an introduction to Literature. The class will focus on reading skills, grammar, fiction, nonfiction, and composition (essay and creative). Instruction will be lecture, independent research, and group work.

<u>Course: Advanced English 1</u>	Grade Level: 9	Credit: 1.00
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Prerequisite: Teacher recommendation considered.

This course will satisfy the English 1 credit and is for students looking for a faster pace learning environment with more challenging topics, material, and discussion. Learners should expect a more challenging academic setting while still covering the English 1 learning targets.

<u>Course: English 2</u>	Grade Level: 10	Credit: 1.00
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English 2 will focus on contemporary text and film. This course will involve essay writing, discussions and projects.

<u>Course: Advanced English 2</u>	Grade Level: 10	Credit: 1.00
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Advanced English 2 is a more intense look at contemporary fiction. While covering the same targets as English 2, it will be done through in-depth work and thought. The class readings are independent with in-depth discussions. This class is for the student that excels in English or is willing to find the value in deep meaning and thought.

<u>Course: English 3</u>	Grade Level: 11	Credit: 1.00
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English 3 is the study of British and American Literature from a variety of time periods. Students will study novels, short stories, poetry, and Shakespeare in historical context. Analytical writing, speaking and listening, critical thinking, and narrative writing skills will be taught and developed.

Course: English 3: Science Fiction, Fantasy, & Horror	Grade Level: 11	Credit: 1.00
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Upon successful completion of this year-long class, the student will receive 1 English 3 credit. This course will examine the ways in which the science fiction, fantasy, and horror genres explore modern social and political issues. Emphasis will be on the study of literature that depicts our future world, alternate worlds, and conflicts between imaginary humans, aliens, monsters, and sentient technology. The reader will be required to suspend disbelief to enjoy and appreciate these genres. Science fiction, fantasy, and horror are each distinct genres, sometimes blended, in which the author creates amazing tales of super technological feats and magical powers as the result of advanced genetic engineering, wars with aliens who possess amazing telekinetic powers and worlds where communities are stricken and saved by unpredictable and unstoppable diseases. Science fiction, fantasy, and horror are predictions of the future and romanticism of the past. It is the place where we accept the illogical as logical, the unreasonable as reasonable, and open our minds to many worlds.

Course: Advanced English 3	Grade Level: 11	Credit: 1.00
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Advanced English 3 is a more intense look at British and American Literature from a variety of time periods. While covering the same targets as English 3 and English 3: Science Fiction and Horror, it will be done through in-depth work and thought. Class readings are independent with the expectation of in-depth discussions. This class is for the student who excels in English and/or is willing to find the value in deeper analysis of text.

Course: Advanced Placement Language and College Composition	Grade Level: 11	Credit: 1.00
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Prerequisite: Successful completion of English 1 and 2. This course requires summer work.

AP English Language and Composition is an English course with a heavy concentration in rhetoric and argumentative writing and presentation. This course is at the college level and with that in mind the workload will be in depth and heavy. The course will include essay work, reading response, speech analysis, and test prep. Students enrolled in this class agree to take the AP Exam. Class will have firm deadlines.

Course: English 4	Grade Level: 12	Credit: 1.00
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This course explores literary studies, composition, critical and constructive thinking, creative writing and research. This course will also balance career and college preparation, including technical writing (cover letter, resume, etc.). This course will meet all year and count as one credit, incorporating all Grade 12 learning targets as well as providing a rich experience in Liberal Arts education.

<u>Course: Advanced Placement Literature and Composition</u>	Grade Level: 12	Credit: 1.00
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Prerequisite: Completion of English 3 or Advanced Placement Language and a signed commitment form. This course includes summer work. This course emulates a college course of English Literature and Composition. The course prepares students for the Advanced Placement Literature Examination provided by the College Board in May of each academic year. Students are expected to engage in careful reading of numerous literacy texts and to sharpen their awareness of language, composition, hermeneutics, and critical thinking. Students enrolled in this course agree to take the AP Exam.

<u>Course: ENG 100</u>	Grade Level: 12	Credit: 1.00
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This course will be a composition focused course. Throughout the year, students will develop essential reading and writing practices that will be necessary in their future college courses and careers. Students will gain practice in reading nonfiction texts, writing analysis and synthesis essays, as well as revising and reflecting on their work. This course will count as one (1) high school credit and an equivalent three (3) credits for ENG 100 through the University of Maine system.

<u>Course: Creative Writing 1</u>	Grade Level: 9-12	Credit: 1.00
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This course is classified as an elective credit.
 This class is designed for those individuals that enjoy writing fiction. Creative Writing is a writing intensive class, where free thought and originality are welcomed. The class will focus on genre, style, and technique.

<u>Course: Creative Writing 2</u>	Grade Level: 10-12	Credit: 1.00
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This course is classified as an elective credit.
Prerequisite: Successful completion of Creative Writing 1.
 Creative Writing 2 will build on the skills of Creative Writing 1 with a focus on description, plot development, and character development. In addition, this course will focus on the revision and publishing process of writing.

<u>Advanced Creative Writing</u>	Grade Level: 11-12	Credit: 1.00
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This course is classified as an elective credit.
Prerequisite: Completion of Creative Writing 1 and 2.
 Advanced Creative Writing will build on the skills and experiences of Creative Writing 1 and 2, providing time to live the author's life and work toward creating a publishable piece of writing.

Social Studies

Social Studies Requirement: Four (4) credits in Social Studies are required which will include U.S. History, Civics, and Personal Finance to graduate.

Course: United States History	Grade Level: 9	Credit: 1.00
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U.S. History is a required social studies course that will cover U.S. History from 1898 through the present day. Students will consider the social, political, economic, and cultural implications of significant past events and evaluate their impacts upon shaping contemporary America. There will be a heavy emphasis on both content and useful critical thinking skills necessary in career development.

Course: Advanced United States History	Grade Level: 9	Credit: 1.00
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Prerequisite: Teacher recommendation considered.

U.S. History is a required social studies course that will cover U.S. History from 1898 through the present day. Students will consider the social, political, economic, and cultural implications of significant past events and evaluate their impacts upon shaping contemporary America. This course would be for students who are passionate about U.S. History or who would like the opportunity to learn in a more in-depth manner. It would also allow students to be prepared to take on AP-level or dual-enrollment college courses for social studies in the future.

Course: Civics	Grade Level: 10	Credit: 1.00
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Civics is a required social studies course designed to give students opportunities to learn about how various government structures and societies function here at home, and if time permits, in other places around the world. We will cover civic rights and responsibilities, voting rights and responsibilities, constitutional liberties, Native American politics, and key historical figures, events, and policies critical to the development of our nation's current political system.

Course: Economics	Grade Level: 11-12	Credit: 0.50
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This course will meet the "personal finance" requirement for graduation and count towards Social Studies credit requirement for graduation.
"In economics we will learn about how society determines the value of things and what can be done with things of value. The course focuses primarily on the real world uses for economics that you may already be using everyday without even knowing it. If you have an interest in learning about investing, personal finance, global economics, famous economists and much more, then economics may be for you!"

Course: Consumerism	Grade Level: 11-12	Credit: 0.50
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This course will meet the "personal finance" requirement for graduation and count towards Social Studies credit requirement for graduation.
Consumerism is a course broken into three parts. In the first part students will explore the details of Life after Graduation (Career Paths, College Choices, Financial Aid, etc.) In the second part students will learn about the tools needed in order to obtain and secure a job. In the third part students will learn about personal finance.

Course: Twentieth Century World History	Grade Level: 10-12	Credit: 0.50
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Counts towards Social Studies credit requirement for graduation.
This course will primarily focus on world history of the last one hundred years. Included in this course will be analyzing and critiquing major people and events in the history of the world including major enduring themes, turning points, events, consequences, and people in the history of the world and the implications for the present and future. Special attention will be given to various leadership regimes throughout the world over the last 100 years. What will be studied will be: the ideologies and social conditions that can create dictatorships, how regimes come to power, and how people are impacted by their leaders.

Course: Current Affairs	Grade Level: 10-12	Credit: 0.50 or 1.00
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This course can be taken as a semester course or full year and count towards Social Studies credit requirement for graduation.
Current affairs is all about the pressing issues of today. We will explore the most important social, political, and military events that occur throughout the duration of the course. Assignments will mostly be in-class discussion and project based, so bring your opinions and creativity with you! We will switch topics on the fly depending on student interest as our nation and world changes around us. If you want to learn about the vital skill of communication or just have an interest in how humans interact with one another, you are always welcome in current affairs.

<u>Course: Contemporary American Crime</u>	Grade Level: 10-12	Credit: 0.50 or 1.00
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This course can be taken as a semester course or full year and count towards Social Studies credit requirement for graduation.

Students will analyze crimes found in present day media (local, state, federal levels). This course will involve researching and discussing current criminal cases. Specific laws and law enforcement procedures will be emphasized. Students will learn reasoning and logic of prosecution and defense, and their use of evidence to prove guilt or innocence in specific cases. This course will include a focus on the writing process and require students to do in depth written analysis, including persuasive writing, for summative assignments. Students will be required to analyze and cite multiple sources to build an accurate understanding of each case. Students will look at the impact that specific criminal cases have on society. Because of the nature of crime, some material covered will be graphic (violence, adult language, etc.)

<u>Course: Journalism</u>	Grade Level: 11-12	Credit: 1.00
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This course is an elective course and does not count towards Social Studies credit requirement for graduation.

Journalism is a course intended to teach students how to write and verbally communicate for an intended audience. Students will learn how to choose new story ideas, brainstorm for the creation of a first draft, give and receive feedback during the editing process, and create a final product that will be published digitally for students and staff to view periodically throughout the school year. Students taking this course will be working cooperatively throughout the year and speaking in front of the class about story ideas and editing.

<u>Course: Military History</u>	Grade Level: 11-12	Credit: 0.50
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This course is a semester course and counts towards Social Studies credit requirement for graduation.

Military History is a very specifically focused topic. It is a journey through the most violent aspects of human existence. It is a story about humans at their worst, but also of when some can be their best. Warfare has bred innovations in technology; of which a good portion of it has gone on to also benefit the rest of us. Technological innovation has also led to the need to change the strategy and tactics of warfare. By nature military history is a pretty serious topic but that is not to say one cannot have some fun learning about it. The fun of learning this history in this course is that we will use music as a catalyst; heavy metal music to be exact; a favorite genre of this course's instructor. Since metal's beginnings, military history and/or topics have been synonymous with it. If you are a fan of metal music then this is a course for you. If you are interested in this type of history then this course is for you. If you aspire to join the military after high school...this course is for you. If you are an open-minded person who wants a unique experience of learning about some historical events/people you may not generally cover in regular social studies class...then this course is for you as well.

Course: History of Popular Culture and Entertainment	Grade Level: 11-12	Credit: 0.50 or 1.00
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This course can be taken as a semester course or full year.

This is a course that focuses on the history of what entertains us. It will be part instructor driven and part student driven. We will investigate pop culture and entertainment in areas such as, but not limited to, music, television/movies, sports, books/comic books, toys/collectibles, and video games. Aside from learning about the origins of major entertainment formats, we will also investigate how major forms of entertainment impacted U.S. society and were impacted by societal influences as well. Each student who takes this course will complete a semester-long research project on a pop culture topic of their choice. The project will be completed in staggered sections, so that students can participate in and learn the historical research process while learning more about what they find to be most interesting.

Course: HIS 104 American History Since 1877	Grade Level: 11-12	Credit: 1.00
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Underclassmen with a teacher recommendation and approval of administration.

This course is an Eastern Maine Community College Dual Enrollment Course that explores the history of the United States from 1877 to the present. The course covers the political, social, and economic development of the U.S. in an in-depth way that will expose the student to multiple types of historical sources and perspectives; and introduce them to some of the processes and responsibilities of professional historians. The skills focused on in this course, such as writing, research, synthesizing information from multiple sources, are all skills that are applicable to a wide range of professional employment opportunities outside the realm of history. Students thinking of attending any of Maine's community colleges (or any college for that matter) should consider taking this course in high school. By taking and passing this course you will get the following: 1) FREE college credit that is applicable to programs at Maine's community colleges (this course may satisfy something such as a "Humanities" general education requirement that most programs require) 2) College credit that is transferable to other colleges and universities in the University of Maine system and 3) Exposure to college-level work in an environment that is more student-friendly and a lot less stressful.

Course: HIS 131 United States History to 1877 (Fall Semester)	Grade Level: 11-12	Credit: 1.00
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Underclassmen with a teacher recommendation and approval of administration.

This is a college freshman-level history course from the University of Southern Maine (USM) designed for high school students. The USM course catalog description reads: "a basic survey and introduction to the field of United States History, covering the political, social, and economic development of the United States through Reconstruction." If you have not taken any previous college courses, enrolling in this course will begin your official college transcript. Upon successful completion of the course, the student will earn (1) high school credit and (3) college credits in the University of Maine system that may satisfy general college elective requirements such as Western Cultural Tradition or other humanities type courses. These would be good for any major a student might choose.

Course: HIS 102 World History 750 CE to Present (Spring Semester)	Grade Level: 11-12	Credit: 1.00
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Underclassmen with a teacher recommendation and approval of administration.

This is a college freshman-level history course from the University of Southern Maine (USM) designed for high school students. The USM course catalog description reads: "an introductory survey of global history from 750 CE to the present. The course examines the political, economic, and cultural exchanges among peoples, states, civilizations, and empires over time. Our sources will include written records such as legal documents, novels, letters, and material culture such as maps, paintings, prints, and advertisements. We will trace how processes of globalization shifted over time from early Silk Road trade networks to the present day." If you have not taken any previous college courses, enrolling in this course will begin your official college transcript. Upon successful completion of the course, the student will earn one (1) high school credit and three (3) college credits in the University of Maine system that may satisfy general college elective requirements such as Western Cultural Tradition or other humanities type courses. These would be good for any major a student might choose.

Course: Advanced Placement Psychology	Grade Level: 11-12	Credit: 1.00
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This course is classified as an elective credit.

Prerequisite: Completion of a signed commitment form. This course requires summer work.

This course is offered to juniors and seniors and emulates an introductory college psychology course with topics ranging from the scientific method, neuroscience, perception, states of consciousness, environmental influences, genetics, abnormal behavior, learning and cognition, and human interaction and socio-cultural psychology. This course prepares students for the AP Psychology exam at the end of the year and provides a wider understanding of human development and behavior. The course will utilize textbooks, scholarly journals, and other resources related to the biological and psychological components of the brain.

Mathematics

Math Requirement: Students are required to complete **three (3) sequential credits** in mathematics starting in their freshman year to graduate. If students double-up in mathematics, then they are expected to take a math course all four years of high school.

Course: Pre-Algebra	Grade Level: 9	Credit: 1.00
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This course develops algebraic thinking and helps students practice and reinforce problem-solving skills. It is an excellent foundation program prior to Algebra 1. Topics include: Algebraic Expressions, Integers, Equations, Inequalities, Fractions, Decimals, Graphing, Geometry, Data Analysis and Probability. Successful completion of Pre-Algebra will prepare students to take Algebra 1.

Course: Algebra 1	Grade Level: 9	Credit: 1.00
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Algebra 1 is the beginning high school mathematics course in the Algebra 1 – Geometry – Algebra 2 sequence. It is designed to lay the mathematical foundation needed in order to assist students in their preparation for geometry and advanced algebra topics. This course will include a study of; (1) rational numbers (2) linear equations; (3) linear inequalities; (4) graphs and functions; (5) systems of equations and inequalities; (6) exponents; and (7) polynomials and factoring. Calculators are required for this course.

Course: Advanced Algebra 1	Grade Level: 9	Credit: 1.00
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Prerequisite: Teacher recommendation considered.

Advanced Algebra 1 is a faster paced course covering algebra topics beyond the scope of regular algebra courses. Students need to be self-motivated to do more in-depth work from a variety of resources.

Course: Algebra 2	Grade Level: 9-12	Credit: 1.00
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Prerequisite: Successful completion of Algebra 1 and Geometry.

This course will include a study of; (1) linear and quadratic equations; (2) exponents; (3) functions; (4) logarithms; (5) sequences and series; (6) conic sections. The course is designed to provide a review of Algebra 1 by means of a critical examination of the structure of the real number system. The TI-83 Plus or TI-84 graphing calculator is used extensively in this course. If students do not have one of their own, the math department will provide one.

Course: Advanced Algebra 2	Grade Level: 9-12	Credit: 1.00
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Prerequisite: Successful completion of Algebra 1 and Geometry; and a recommendation from a previous mathematics teacher.
Advanced Algebra 2 will explore topics in more depth. This course will include a study of; (1) linear and quadratic equations; (2) exponents; (2) functions; (4) logarithms; (5) sequences and series; (6) conic sections. The course is designed to provide a review of Algebra 1 by means of a critical examination of the structure of the real number system. The TI-83 Plus or TI-84 graphing calculator is used extensively in this course. If students do not have one of their own, the math department will provide one.

Course: Financial Algebra	Grade Level: 10-12	Credit: 1.00
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Prerequisite: Algebra 1 and Geometry
Financial Algebra is a college-preparatory course that may be taken as a second year algebra course or as a fourth year math course after completing geometry. It will use sophisticated mathematics to provide tools to become a financially responsible young adult. This course employs algebra, geometry, and probability and statistics to solve financial problems that occur in everyday life. Real-world problems in investing, credit, banking, auto insurance, mortgages, employment, income taxes, budgeting and planning for retirement are solved by applying relevant mathematics.

Course: Geometry	Grade Level: 10-12	Credit: 1.00
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Prerequisite: Successful completion of Algebra 1.
This course is designed to prepare students in the understanding of properties of two-and three-dimensional geometric shapes. Such as, (1) points, lines, angles and planes; (2) perimeter, area, surface area, and volume; (3) polygons, with a special focus on quadrilaterals and triangles; (4) circles; (5) trigonometry ;(6) parallel and perpendicular lines; and (7) proofs. Each student should have their own scientific calculator. If a student does not have a calculator of their own, the math department will provide one.

Course: Advanced Geometry	Grade Level: 10-12	Credit: 1.00
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Prerequisite: Successful completion of Algebra 1; and a recommendation from a previous mathematics teacher.
Advanced Geometry will explore topics in more depth. This course is designed to prepare students in the understanding of properties of two-and three-dimensional geometric shapes. Such as, (1) points, lines, angles and planes; (2) perimeter, area, surface area, and volume; (3) polygons, with a special focus on quadrilaterals and triangles; (4) circles; (5) trigonometry; and (6) parallel and perpendicular lines; and (7) proofs. Each student should have their own scientific calculator. If a student does not have a calculator of their own, the math department will provide one.

Course: Intro to Statistics	Grade Level: 10-12	Credit: 1.00
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This course is classified as an elective credit.

Prerequisite: Algebra 2 (could take at same time as Algebra 2 with permission)

This course will be a project-based class that focuses on basic statistics. It will be an extension of what students learned in Algebra 2 and will also help students who want to take an advanced statistics course by giving them an introduction to some of the new vocabulary and concepts that are specific to statistics. We will also be doing projects to show how statistics are used in different areas of our lives and will focus on sports statistics for part of the class.

Course: Pre-Calculus	Grade Level: 10-12	Credit: 1.00
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Prerequisite: Successful completion of Algebra 1, Algebra 2 and Geometry.

Pre-Calculus is designed to assist students in their preparation for calculus and college-level math courses. This course will include a review and an extended study of; (1) polynomial functions and their graphs; (2) dividing polynomials; (3) graphs of non-polynomial functions; (4) transformations of graphs; (5) composite and inverse functions; (6) exponential and logarithmic functions; (7) trigonometry [unit circle, graphs, & identities]. The TI 83 Plus or TI 84 graphing calculator is used extensively in this course. If students do not have one of their own, the math department will provide one.

Course: MAT 122 Pre-Calculus	Grade Level: 10-12	Credit: 1.00
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Prerequisite: Successful completion of Algebra 1, Geometry, and Algebra 2; and a recommendation from a previous mathematics teacher.

MAT 122 Pre-Calculus is a dual enrollment college course through the University of Maine at Orono which prepares students for calculus by focusing on quantitative reasoning and functions. This course is meant to develop the necessary skills to understand and describe the behavior of linear, exponential, logarithmic, polynomial, rational, and trigonometric functions and their uses. This course emphasizes co-variation, how quantities vary together, and uses that concept as a foundation for functional reasoning. The goals of this course include: to understand the central ideas of co-variation and function and prepare students for success in calculus, to support students in improving their problem-solving abilities, to learn how to make logical and verbal arguments, and to increase algebraic and procedural fluency. This is a college course, and your final grade will appear on your official UMaine Transcript.

Course: Advanced Placement Calculus AB	Grade Level: 11-12	Credit: 1.00
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Prerequisite: Successful completion of Algebra 1, Algebra 2, Geometry and Pre-Calculus; scores in previous mathematics courses must be at least 85 or a recommendation from a previous mathematics teacher. *It is recommended that students have a TI-83/84 calculator for this course.*

Advanced Placement Calculus is a course intended to cover the first semester of college calculus. It is designed to prepare students to take the AP Calculus AB examination through the College Board. It is required that all students in this course will take the AP exam in May. AP Calculus is explored through the interpretation of graphs and tables as well as analytic methods (multiple representations of functions). Derivatives are interpreted as rates of change and local linear approximation. Local linearity is used throughout the book. The definite integral is interpreted as total change over a specific interval and as a limit of Riemann sums. Problem situations are modeled with integrals. The use of technology is integrated throughout the course to provide a balanced approach to the teaching and learning of calculus that involves algebraic, numerical, graphical, verbal, or written methods (the rule of four). Students are expected to use a multi-representational approach to investigate and solve problems, to write about their conclusions, and often to work in groups to communicate mathematics orally. In order to cover the material needed for the exam in May students will be responsible for some summer work that will review math topics from previous courses.

Course: Advanced Placement Computer Science Principles	Grade Level: 10-12	Credit: 1.00
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This course is classified as an elective credit.

Prerequisite: Algebra 1

AP CSP introduces students to the foundational concepts of computer science and challenges them to explore how computing and technology can impact the world. More than a traditional introduction to programming, it is a rigorous and approachable course that explores many of the foundational ideas of computing so all students understand how these concepts are transforming the world we live in. The course is built around a curriculum provided by Code.org and introduces students to the JavaScript coding language, while also exploring the layers of the internet and communication between devices. The AP score earned at the end of the course is determined by a Performance Task (coding and answering writing prompts about the code) that are worked on during class time and uploaded to the College Board website, as well as a multiple-choice exam administered during the AP Exam schedule. The Performance Task can be done in any coding language the student feels comfortable using.

Course: Math Problem Solving	Grade Level: 9-12	Credit: 1.00
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This course is classified as an elective credit.

Prerequisite: Algebra 1 or teacher recommendation

This course reviews and expands on areas of Geometry, Algebra 1, Algebra 2, and Pre-Calculus. The purpose of this course is to prepare students for competition at the Maine Association of Math Leagues meets. It is expected that when enrolled in this course, you will attend the math meets. This course counts as an elective credit towards graduation requirements.

Course: History of Sports in America	Grade Level: 9-12	Credit: 1.00
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This course can be taken as a semester course or full year and is classified as an elective credit.
This class will explore the history of the Olympics and the 4 major sports (hockey, baseball, basketball, and football). The focus will be on the 20th century as each of the major leagues was formed, developed and evolved during that. We will explore the evolution of each of those professional leagues as well as study some of the superstars of each league through different eras. There will be discussions and studying of statistics, but this is not a math class.

Course: Introduction to Graphic Art & Design	Grade Level: 9-12	Credit: 0.50
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Fulfills Graduation Requirement(s): Visual & Performing Arts, however space is limited in this course, so priority will be given to upperclassmen.
In this course, students will learn the basic principles of graphic design and photo manipulations. We will be using Adobe Photoshop, Illustrator, and other design software to create posters, logos, patterns, icons, and more. While using the digital mediums, projects will incorporate the six elements of art: Line, Shape/Form, Value, Color, Space, and Texture. There will also be opportunities within the course to use equipment in the MA Creation Studio to have student designs applied to shirts, mugs, engravings, posters and more. Class may be repeated for elective credit.

Science

Science Requirement: Students must complete **three (3) credits** of science, including Physical Science, Life Science, and a Lab Science to graduate.

Course: Earth and Space Science	Grade Level: 9	Credit: 1.00
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Fulfills Science Requirement(s): Physical Science, Lab Science

Earth and Space Science is a comprehensive lab based study of space, geologic structures and forces, the waters on our planet, and the atmospheric forces that shape our world. This course will explore the four main branches of Earth Science, which includes the following: geology, oceanography, meteorology, and astronomy. In this course, students will learn in detail about the Earth's interior and the theory of plate tectonics. Students will learn about Earth's systems and their interactions. Students will also explore the current theories that describe the formation of Earth, our Solar System, and the Universe. Students will learn about the relationship between Earth science and technology. The course is recommended for students with solid math and writing skills.

Course: General Science	Grade Level: 9	Credit: 1.00
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Fulfills Science Requirement(s): Physical Science, Lab Science

General Science is an introductory course designed for students who are on a vocational or trade career path. General Science offers students the opportunity to grasp an understanding of the scientific method and to use scientific inquiry to gain knowledge about Earth Science. Students will explore the current theories that describe the formation of Earth, our Solar System, and the Universe. Students will also learn about the interior of the Earth, the theory of plate tectonics and how these factors contribute to the ever changing, dynamic Earth.

Course: Biology	Grade Level: 10	Credit: 1.00
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Prerequisite: Earth Science or General Science (recommended with an 85 average or above)

Fulfills Science Requirement(s): Life Science, Lab Science

Biology is a course designed for the average college preparatory student. Biology will meet the requirement for 1 credit in a laboratory life science. The curriculum includes the concepts of Ecology, Cells, Genetics and Evolution. Taking a course in Biology is comparable to learning a new language. This class is rigorous, fast-paced and vocabulary intensive. Labs are integrated into course content as appropriate, but no separate lab period is attached to this course.

<u>Course: Life Science</u>	Grade Level: 10	Credit: 1.00
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Prerequisite: Earth Science or General Science

Fulfills Science Requirement(s): Life Science, Lab Science

Life Science is a course designed for students who are on a vocational or trade career path. Life Science will meet the requirement for 1 credit in a laboratory life science. The curriculum includes the concepts of Ecology, Cells, Genetics, and Evolution. Taking a course in Life Science is comparable to taking the Biology college prep course, however the course is taught as science for life; so the concepts are studied from a “non-science major” perspective. Labs are integrated into course content as appropriate, but no separate lab period is attached to this course.

<u>Course: Advanced Placement Biology</u>	Grade Level: 11-12	Credit: 1.00
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Prerequisite: Earth Science, Biology, or teacher recommendation

Fulfills Science Requirement(s): Life Science, Lab Science

AP Biology follows the AP Biology Curriculum Framework from the College Board. This means that there is the opportunity to earn college credit. This course is broken down into four big ideas and seven science practices. The four big ideas in AP Biology are: The process of evolution drives the diversity and unit of life; Biological systems utilize free energy and molecular building blocks to grow, to reproduce, and to maintain dynamic homeostasis; Living systems store, retrieve, transmit, and respond to information essential to life processes; Biological systems interact, and these systems and their interactions possess complex properties. The seven science practices are: Use representations and models to communicate scientific phenomena and solve scientific problems; Use mathematics appropriately; Engage in scientific questioning to extend thinking or to guide investigations; Plan and implement data collection strategies appropriate to a particular scientific question; Perform data analysis and evaluation of evidence; Work with scientific explanations and theories; Connect and relate knowledge across various scales, concepts, and representations in and across domains. Students enrolled in this course are expected to take the AP Exam in the spring.

<u>Course: Chemistry</u>	Grade Level: 11-12	Credit: 1.00
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Prerequisite: Earth Science, Biology

Fulfills Science Requirement(s): Physical Science, Lab Science

Chemistry is the study of matter and energy and the interactions between them. Chemistry is often referred to as the “central science” because it has the ability to connect other branches of science, such as physics and biology, to one another. Chemistry involves complex-reasoning skills such as deductive and inductive reasoning, experimental inquiry, comparing, classifying, and investigating. Students should register for chemistry if they are considering attending a college or university after high school. Chemistry is a lab-based course which is required by most colleges and universities.

Course: Advanced Placement Physics	Grade Level: 11-12	Credit: 1.00
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Prerequisite: Earth Science, Biology, and proficiency in Algebra 1 and 2.

Fulfills Science Requirement(s): Physical Science, Lab Science

AP Physics 1 is an algebra-based, introductory college-level physics course. Students cultivate their understanding of physics through classroom study, in-class activity, and hands-on, inquiry-based laboratory work as they explore concepts like systems, fields, force interactions, change, conservation, and waves. Students enrolled in this course are expected to take the AP Exam in the spring.

Course: Physical Science	Grade Level: 11-12	Credit: 1.00
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Prerequisite: Earth Science or General Science and Biology or Life Science

Fulfills Science Requirement(s): Physical Science, Lab Science

Physical Science is an introduction to chemistry and physics. First semester will introduce basic physics concepts and the second semester will cover basic chemistry concepts. Chemistry topics will include an introduction to matter, physical and chemical changes, atoms, the periodic table, and chemical reactions. Physics topics will include motion, force and related ideas. This course is designed for students who are planning on attending a trade school or enter the workforce after high school.

Course: Physics	Grade Level: 11-12	Credit: 1.00
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Prerequisite: Proficiency in Algebra 1 and 2

Fulfills Science Requirement(s): Physical Science, Lab Science

Physics is a science course that is math intensive. Topics include Newtonian kinematics and dynamics, work, energy, momentum, and associated conservation laws. Projects and simulations are appropriately integrated.

Course: Environmental Science (Fall Semester)	Grade Level: 11-12	Credit: 0.50
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Prerequisite: Earth Science or General Science

This course is a semester course and counts towards the Science credit requirement for graduation.

Environmental Science is a hands-on one semester science elective that examines the science of environmental processes, problems, and solutions. Students will explore the interrelationships of the natural world, the environment, and impacts from humans. This course will employ computer research, simulations, and outdoor work where applicable.

Course: Forensic Science (Spring Semester)	Grade Level: 11-12	Credit: 0.50
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Prerequisite: Earth Science or General Science

This course is a semester course and counts towards the Science credit requirement for graduation.

Forensic Science is the process of drawing conclusions from scientific evidence to aid in crime solving. There are many different science techniques that are used during the crime solving process. This class will use science inquiry and the scientific method to complete hands-on experiments in forensic science. We will analyze crime scenes and complete inquiry based labs to aid in the understanding of forensic science and how it is used to help solve crimes.

Course: Anatomy & Physiology	Grade Level: 11-12	Credit: 1.00
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Prerequisite: Biology and Chemistry

Fulfills Science Requirement(s): Life Science, Lab Science

Anatomy & Physiology is a college preparatory, two-semester human biology course for students who want to gain additional knowledge of the human body. This course may be of particular interest to students considering careers in medicine, nursing, radiography etc. Dissection is an integral part of this course. This course is an elective and does not count towards the science requirement for graduation.

Course: Engineering and Design	Grade Level: 9-12	Credit: 1.00
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Fulfills Graduation Requirement(s): Visual and Performing Arts

Fulfills Science Requirement(s): None.

Engineering and Design is a full year elective course for students in grades 9-12. Students will learn how to utilize the engineering design cycle to develop products and processes that address real world needs. In this project-based course, students will learn how to utilize a variety of tools and technologies including computer-aided design (CAD) and 3D printers. Projects may include the design and development of electric vehicles, toys, cell phone mounts, hydroponic systems, and trebuchets. The course is recommended for students with strong math and writing skills, interested in pursuing careers in the areas of science, technology, engineering and math.

Course: Introduction to Aircraft Design	Grade Level: 10-12	Credit: 0.50
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Prerequisite: Engineering and Design and/or teacher recommendation. This course is classified as an elective credit.

Fulfills Graduation Requirement(s): None.

Introduction to Aircraft Design is a half year elective course for students in grades 10-12. The focus of this course will be aviation and the fundamentals of flight. Students will build upon previously learned skills and utilize the engineering design cycle to build remote control aircraft.

World Languages

World Language Recommendation: Two (2) years of the same World Language is required for many 4-year college programs.

<u>Course: French 1</u>	Grade Level: 9-12	Credit: 1.00
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French 1 is an introductory class to the French language and culture. Students will learn basic greetings and salutations, numbers, the days of the week and months of the year. Familiar topics will be explored such as school, the home, family and food. French culture from different parts of the world will be studied through independent projects on practices and products. From time to time, students will participate in a cultural exploration which will allow students to examine the history, practices and traditions of certain holidays, food or music as well as exploring landmarks and their significance to the region and culture. At the end of the year, students should be able to know foundational vocabulary and talk about themselves and others on a variety of topics in the present tense.

<u>Course: French 2</u>	Grade Level: 10-12	Credit: 1.00
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French 2 will begin with a review of French 1 and continue with learning about other familiar topics such as clothing, weather, travel, sports and daily routines. Students will also learn to conjugate verbs in the past and future tense as well as reflexive verbs. Students will explore culture through practices and perspectives focusing on differences within the French language and culture such as food and music as well as participate in cultural explorations on a mixture of topics. At the end of the year, students will have gained a higher skill-level and confidence in their reading, writing, listening and speaking on various familiar topics within the French language.

<u>Course: French 3 & French 4</u>	Grade Level: 11-12	Credit: 1.00
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French 3 & French 4 will continue to explore and build on knowledge from the familiar topics as French 1, 2, and 3 if applicable. Students will participate in book and film studies, explore French cuisine and demonstrate proficiency through a variety of independent and collaborative projects such as written and performed skits and presentations in person or through the use of technology. Students may also participate in sharing their French knowledge through such ways as preparing video tutorials, preparing a lesson and presenting to other students, or planning and participating in a class or department-wide cultural event. Depending on enrollment, French 3 and French 4 may be a combination of enrolled students.

Course: Exploring the French Language and Culture	Grade Level: 9-12	Credit: 0.50
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Designed for students who wish to explore the basics of the French language and culture at a slower pace and without the in-depth, technical and grammatical structures of French 1. Students will learn the alphabet, numbers 1-60, colors, days of the week, months of the year and will be introduced to vocabulary related to familiar topics such as school and classroom, home and family, food and weather. Students will also explore various cultures within the French language from different regions of France, other French-speaking countries within Africa and Europe as well as regions closer to home such as Quebec, the Acadian culture of Maine and the Cajun culture of Louisiana. Cultural products and practices will be explored as well as some well-known landmarks and their history along with their significance to the people and visitors of the region.

Course: Spanish 1	Grade Level: 9-12	Credit: 1.00
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This course seeks to introduce the student to the language and culture of the Spanish-speaking world through the study of the Spanish language (vocabulary and grammar). Emphasis is placed on grammar, vocabulary, and writing.

Course: Spanish 2	Grade Level: 10-12	Credit: 1.00
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The intent of this course is to build upon the foundation begun in first year Spanish through an in-depth study of the more advanced elements of Spanish grammar and syntax. Emphasis is placed on reading, writing, and vocabulary with an increased focus on listening comprehension skills.

Course: Spanish 3 & Spanish 4	Grade Level: 11-12	Credit: 1.00
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Spanish 3/4 is a continuation of Spanish 2 in so far as grammar is concerned. Resources (texts and handouts) are varied and more emphasis is placed on reading and speaking, being fostered more through discussions, presentations, and projects. Listening is continually tested, as more and more information is presented in the target language.

Visual and Performing Arts

Visual and Performing Arts Requirement: Students must complete at least **one (1) credit** of visual and performing arts to graduate.

Course: Chorus	Grade Level: 9-12	Credit: 1.00
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This class is a performance-based vocal group. The focus will be on vocal technique, music literacy as it pertains to singing, critical thinking in music, music sight reading, group interaction, and performance skills. Because Chorus is a performance based course and student learning is demonstrated through performance, students at times throughout the school year will be asked to showcase their learning through after school performances. These performances will be clearly articulated in the Choral Music Handbook. Attendance at these performances is required unless an excusable reason for non-attendance is provided. Excusable reasons for missing a performance will be consistent with those excusing an absence from school: (A) Personal illness, (B) An appointment with a health professional, (C) Observance of a recognized religious holiday, (D) A family emergency, (E) A planned absence for a personal or educational purpose that has been approved by the administration. Any student who misses a required after school performance will have an opportunity to demonstrate learning through an alternative performance based make-up assignment as determined by the instructor.

Course: Band	Grade Level: 9-12	Credit: 1.00
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Band is a large ensemble open to any student with proper musical training and/or approval of the band director. We perform many styles of music written for concert band, marching band, and wind ensemble. Because Concert Band is a performance based course and student learning is demonstrated through performance, students at times throughout the school year will be asked to showcase their learning through after school performances. These performances will be clearly articulated on the Class Calendar online, and in the Instrumental Music Handbook. Attendance at these performances is required unless an excusable reason for non-attendance is provided. Excusable reasons for missing a performance will be consistent with those excusing an absence from school: (A) Personal illness, (B) An appointment with a health professional, (C) Observance of a recognized religious holiday, (D) A family emergency, (E) A planned absence for a personal or educational purpose that has been approved by the administration. Any student who misses a required after school performance will have an opportunity to demonstrate learning through an alternative performance based make-up assignment as determined by the instructor.

<u>Course: Jazz Ensemble</u>	Grade Level: 9-12	Credit: 1.00
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Jazz Ensemble is a small, select ensemble of students who play a traditional jazz instrument. Previous experience in jazz styles of playing is highly recommended, but not required. We perform music in the traditional jazz styles of blues, swing Latin, and bop, as well as newer fusion and jazz-rock. An audition or interview with the director is required. All students enrolled in Jazz Ensemble must also be enrolled in Band unless approved by the teacher. Because Jazz Ensemble is a performance based course and student learning is demonstrated through performance, students at times throughout the school year will be asked to showcase their learning through after school performances. These performances will be clearly articulated on the Class Calendar online, and in the Instrumental Music Handbook. Attendance at these performances is required unless an excusable reason for non-attendance is provided. Excusable reasons for missing a performance will be consistent with those excusing an absence from school: (A) Personal illness, (B) An appointment with a health professional, (C) Observance of a recognized religious holiday, (D) A family emergency, (E) A planned absence for a personal or educational purpose that has been approved by the administration.

<u>Course: Exploring Cinematic Music</u>	Grade Level: 9-12	Credit: 0.50 or 1.00
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This course can be taken as a semester course or full year.

This course explores and discusses the influence of music within all aspects of film, as well as on our lives. We will discuss the historical relevance of some of our favorite movies/shows and other theme songs, as well as discover new and exciting things about some of our favorite films! This course is open to all students, regardless of background and musical knowledge. All necessary skills and knowledge will be discussed during the course.

<u>Course: Acting and Theatre</u>	Grade Level: 9-12	Credit: 1.00
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This course is designed for students who have an interest in acting, theater, musical theater, audio, lights, hair/makeup, and/or the backstage elements of theater. This course is participation based where students are expected to step outside of their comfort zones and work together, creating a comfortable and engaging learning environment. This class is perfect for students trying to grow their confidence or develop their public speaking skills. This course is designed to be student driven based on interest throughout the year, as well as assist in the creation and development of the MA players' productions.

Course: Exploring Mixed Media	Grade Level: 9-12	Credit: 1.00
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Mixed media art is a term used to describe the bringing together of a variety of materials and techniques into each art project. Students will explore the ways in which they can express their own experiences, memories, and stories through art, and allow students to develop their ideas and creativity both 2 dimensionally and 3 dimensionally. Techniques used (but not limited to) will include collage, assemblage, drawing, painting, clay, sculpting, graphic design etc. Students develop higher-level thinking appropriate to the study of visual arts, art-related skills, and art appreciation. The use of a sketchbook to demonstrate a process portfolio is required. Upon successful completion of this course, students have proficient knowledge and skills to create, appreciate, assess, and relate art to their everyday lives.

Course: 2-Dimensional Art	Grade Level: 9-12	Credit: 1.00
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This course is designed for students that enjoy drawing and want to further develop their skills in 2-dimensional design and fine art. This will include but not be limited to drawing, painting, printmaking, collage, logo design, poster design, illustration and contemporary art. Students will learn about the Elements of Art, and Principles of Design while researching artists, art history, and aesthetics, as they relate to 2-dimensional art. The use of a sketchbook to demonstrate a process portfolio is required. Upon successful completion of this course, students have proficient knowledge and skills to create, appreciate, assess, and relate a variety of art forms to their everyday lives. Upon successful completion of this course, students have proficient knowledge and skills to create, appreciate, assess, and plan their own 2-Dimensional works.

Course: 3-Dimensional Art	Grade Level: 10-12	Credit: 1.00
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This course is designed for students who have an interest in building and constructing 3-dimensional forms. Students will explore and create projects using paper, clay, wood, found objects, plaster as well as other media. Students will research artists, art history, criticism, aesthetics, and contemporary artists as they relate to 3-dimensional art. Students develop higher-level thinking appropriate to the study of visual arts, art-related technology skills for 3D art. The use of a sketchbook to demonstrate a process portfolio is required. Upon successful completion of this course, students have proficient knowledge and skills to create, appreciate, assess, and relate a variety of art forms to their everyday lives.

Course: Intermediate/Advanced Art	Grade Level: 11-12	Credit: 1.00
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Prerequisite: Success in Exploring Mixed Media, 2-D Art, or 3-D Art and permission from instructor. It is recommended that students who wish to enroll have at least 2 credits total in art, decorative arts, and/or engineering and design prior to enrollment.

This upper level course is geared towards students' interests emphasizing originality, strong skills and work ethic. Students will work from memory, observation and imagination while exploring a variety of media and themes. Students will be able to begin to develop their personal style and interests in creating their art and are expected to maintain a high level of achievement and growth while creating a portfolio of original works.

Course: Intro to Painting	Grade Level: 10-12	Credit: 1.00
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Prerequisite: Exploring Mixed Media, or 2-D Art unless given permission from instructor.

Students learn the basics of color theory while studying and practicing several painting techniques and styles, and applying them to their own compositions. The use of a sketchbook to demonstrate a process portfolio is required. Upon successful completion of this course, students will have proficient knowledge and skills to create, and appreciate many styles of painting both on canvas, panel, and paper. Students develop higher-level thinking appropriate to the study of visual arts, art-related skills, and art appreciation.

Family and Consumer Sciences

Course: Project Based Decorative Arts	Grade Level: 9-12	Credit: 1.00
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Decorative Arts may be used for a Visual and Performing Arts credit as well as an elective credit toward graduation.

In this project-based course, you will pursue your interests in crafting, sewing, paper arts, jewelry making etc. You will be introduced to different techniques and technology, such as 3D printing, embroidery, screenprinting, quilting, tie-dying, resin, bead working, using the Cricut & Glowforge machines, soap and candle making, stamp making and fabric design. The first part of the year you will learn how to safely use all of the machines/techniques by completing small class projects. The second part of the year you will move at your own pace, and choose the projects you are most interested in based on your skills and your interests. Class may be repeated for elective credit.

Course: Child Development 1	Grade Level: 10-12	Credit: 0.50 or 1.00
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A student can enroll in semester 1 only or as a full year.

Fall Semester - Early Childhood Development You will learn about pregnancy, parenting, infant care and the toddler years. It will provide you with knowledge of babies, how they grow physically, socially, intellectually as well as emotionally. It will also provide you with an understanding of pregnancy, childbirth, parenting and infant care.

Spring Semester - School Age Development During this second semester course, you will have the opportunity to have practical experience in EPB classrooms as teacher assistants. After 3-4 weeks of classroom instruction on school age children and their development, you will be assigned to a teacher and work in classrooms with children. Daily activities could include, reading, monitoring, preparing work, one on one help, creating activities or supervision of younger students.

Course: Child Development 2 & 3	Grade Level: 11-12	Credit: 1.00
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Prerequisite: Semester 1 or full year of Child Development 1

Do you like working with children? Or like helping others? Then, this is the class for you! You will be working with EPB students and teachers throughout the year. After fundamental work in the first month of class, you will be assigned to a teacher at EPB and begin your time as a teacher's assistant. Daily activities could include, reading, monitoring, preparing work, one on one help, creating activities or supervision of younger students. This class will provide you with the opportunity to experience a different perspective of the classroom, beef up your resume, and possibly answer some career questions for you.

Course: The Maine Table	Grade Level: 10-12	Credit: 1.00
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This introductory course in the culinary arts, will help you learn basic cooking techniques, how to read a recipe, and how to use kitchen equipment. You will split your time between cooking and baking. You will learn how to make a simple lunch as well as more complex suppers. You will learn how to bake a cake from scratch and try your hand at holiday treats. Several times throughout the year, you will be able to choose your own recipe based on your food preferences. You'll learn how to stay on a food budget and get a chance to shop for food. This is an active, hands-on class, which will include field trips to pick your own farms, farmer's markets, and craft items for the kitchen (aprons, spoon rest, cookie cutters, etc.) Class may be repeated for elective credit.

Course: Introduction to Pottery (Semester)	Grade Level: 9-12	Credit: 0.50
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Introduction To Pottery may be used for a Visual and Performing Arts credit as well as an elective credit toward graduation.

This semester-long class is an introduction to working with clay. You will learn the entire process of making pottery from prepping your workstation, bisque firing, glazing and to the final fire. Focus will be on hand building using the slab roller, hump molds, clay extruder and using everyday items as molds. You will learn different texturing applications like sgraffito, mishima, and stamping. You will learn different glazing techniques like underglaze, overglaze, decals, and layering glaze colors. This will be a fun and fast paced class. Class may be repeated for elective credit.

Course: Creation Studio (Semester)	Grade Level: 9-12	Credit: 0.50
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Creation Studio may be used for a Visual and Performing Arts credit as well as an elective credit toward graduation.

This semester-long class will teach you all of the machines/programs currently housed in the Creation Studio. You will learn to use the Glowforge, the Cricut & Silhouette, 3D printers (Tinkercad), 36" printer, Cricut Mug Press, Heat Press, Screenprinting, and Pottery Corner. Each unit will focus on a machine/program with individual and group projects that will show you how to use the technology/techniques involved. This will be a fun and fast paced course. Class may be repeated for elective credit.

Course: Teaching Assistants in Creation Studio	Grade Level: 11-12	Credit: 0.50 or 1.00
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The Creation Studio is looking for teaching assistants in the areas of Cricut, Glowforge, 3D printing, Screenprinting, or Clay. Students should be interested in developing their own talents in their selected area while also helping their peers and assisting the Creation Studio facilitator. TA's will report to the Creation Studio during their Study Hall, 1-2 times a week to assist with workshops and/or classes, prep for upcoming events, help with maintenance of machines or work independently on their own projects. A position as a T.A. will count towards community service hours and be a great addition to college and/or job applications.

Physical Education and Health

Health and Physical Education Requirement: Students must complete one (1) credit in health and one credit (1) in physical education to graduate. They have to take a sequence of Health 1, Physical Education 1, Health 2, and Physical Education 2 usually during their freshman and sophomore years.

Course: Health 1 & 2	Grade Level: 9 &10	Credit: 0.50
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Health will provide students with a learning experience that inspires students to form positive attitudes, behavioral patterns and make healthy choices toward a high level of physical, mental, emotional and social wellness.

Health 1 covers topics including infectious disease, family/healthy relationships, food and nutrition, tobacco, first aid/CPR, and physical activity.

Health 2 goes on to cover nutrition (such as dietary practices), managing stress, making healthy food choices (fad diets/eating disorders), mental disorders and suicide, alcohol, preventing drug use, coping with loss, sexually transmitted infections and diseases, AIDS, and basic family life.

Course: Physical Education 1 & 2	Grade Level: 9 & 10	Credit: 0.50
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Physical Education is designed to teach students skills as well as help them develop interest in lifetime fitness and leisure activities. The following topics will be covered: physical fitness, team sports, individual/dual sports, and lifetime leisure activities.

Course: Physical Management	Grade Level: 11-12	Credit: 1.00
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Physical Management is a Physical Education elective course for students who wish to achieve a specific fitness goal and improve their physical condition, appearance, and self-image. Students will also learn about the importance of proper nutrition and maintaining a healthy lifestyle. Students should be prepared to commit themselves to changing any unhealthy eating/exercising habits. Students must be willing to work hard and commit to exercising during class. The first order of business will be finding a baseline and determining realistic goals for each individual. Students will study concepts related to nutrition, planning a personal exercise program, behavior modification, and self-esteem. Food and exercise records will be completed weekly to identify progress and problem areas. Fad diets and exercise equipment and programs will be analyzed to ensure that students become informed, conscientious consumers. As students learn specific concepts, they will adapt those concepts into their healthy lifestyles. Fitness testing, body measurements, and skin fold measurements will be administered to determine progress.

Jobs for Maine Graduates



Course: Jobs for Maine's Graduates	Grade Level: 9, 10, 11, 12	Credit: 0.50 or 1.00
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Prerequisites: Recommendation/permission from JMG Specialist/Guidance Counselor required.

*Mattawcook Academy is pleased to offer the JMG Program to students in 9/10 and 11/12 grades. JMG is the largest educational non-profit in the state of Maine, and is uniquely dedicated to strengthening the future workforce. Students in JMG will develop advanced skills in job attainment, teamwork, leadership, goal achievement, personal branding, global citizenship, and more. JMG is suitable for college bound and non college bound high school students. In JMG, students will take field trips, invite guest speakers, volunteer for community service activities, and attend competitions and conferences. **Additionally, seniors are given 12 months of follow up after graduation; this ensures a successful transition from high school to the world of college or work. This is not just a class, but a commitment to the JMG program and continued support after high school.***

In JMG, students will:

- *Demonstrate leadership skills necessary to succeed as a member of a team*
- *Analyze skills and abilities required for professionalism and job attainment*
- *Learn how to clearly communicate needs and listen effectively*
- *Value themselves and their work ethic in their postsecondary pursuits*
- *Set short term and long term goals*
- *Develop a professional portfolio, including a resume, cover letter, and list of references*

- *Engage in employer engagement experiences*
- *Demonstrate personal finance and money management*
- *Analyze media and understand professional uses of technology*
- *Develop a sense of identity and market their personal brand*
- *Understand their role as global citizens with civic responsibilities*
- *Foster healthy and appropriate relationships*

JMG Follow-Up

Students who graduate with the JMG course on their schedule are eligible for a service called Follow-up. During follow-up, JMG graduates are contacted once per month by their JMG Specialist to ensure a smooth transition from High School to Adulthood. Students who transition to colleges where there is a JMG College Success Specialist (All Maine Community Colleges, plus, USM, Thomas, UMA, UMM, UMFK, UMO, UMF, UMPI) will go through a process of bridging where they are given extra support at the college level.

Region III Programs

All students who attend Region III will receive **elective credits**.

Course: Sophomore Exploratory Program	Grade Level: 10	Credit: 2.00
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This program enables sophomores who are seriously considering Region III for their Junior and Senior years, a chance to be exposed to all of Region III programs and the inner workings of a typical school day here. Students will be introduced to a wide variety of career options and will learn how to safely use tools and technology with simulators and live equipment. This program will be a two period program offered for the entire length of the school year, with the opportunity to earn priority placement for their Junior and Senior years.

Course: Accounting	Grade Level: 11-12	Credit: 3.00
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This is a new one year program to Region III in 2024-2025, where the financial side of the Business Management class will be explored. Topics will include basic accounting, payroll programs, personal finance, financial statements, budgeting, and other Human Resource topics. Students will have an in-depth understanding of the accounting side of Business Management.

Course: Automotive Technology 1 & 2	Grade Level: 11-12	Credit: 3.00
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The Automotive Technology program is a one- or two-year program providing students with critical thinking skills necessary to diagnose, service, and repair automobiles. This knowledge and skills will help them get entry level automotive mechanic jobs and to prepare them for college degree programs. A heavy emphasis is placed on creating a real-life workshop environment. Students can earn college level credits, OSHA certification, and the ASE certification in 4 areas.

Course: Business Management	Grade Level: 11-12	Credit: 3.00
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The Business Management program introduces students to the business world, focusing on management, marketing accounting and entrepreneurship. This one-year program is designed to train tomorrow's business leaders to the demand of young people needed in the business world. The skills learned during the course will build a foundation for our future business leaders and owners. There may be an opportunity, soon, to earn college credit from this program.

Course: Child Care Provider/Early Childhood	Grade Level: 11-12	Credit: 3.00
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This course will provide students with an introductory-level knowledge base of the field of Early Childhood Education. Students will complete a variety of activities and assignments as well as participate in field-work designed to prepare them for careers in early childhood education occupations. Students will demonstrate industry competencies by adhering to guidelines outlined by the National Association for the Education of Young Children (NAEYC). Students enrolled in this course will be eligible to receive a Certified Early Childhood Assistant (CECA) certification and/or the Maine Educational Technician I certification. Both of these require a CPR/First Aid Certification, passing the Precision Test, completing 180 hours of field work as well as 180 hours in the classroom, and completing a portfolio.

Course: Construction Technology and Cabinet Making 1 & 2	Grade Level: 11-12	Credit: 3.00
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Construction Technology and Cabinet Making teaches students the knowledge and skills to help prepare them for careers in the construction industry or college degree programs. Students will learn, in a well-equipped shop, planning, layout to trim, and customer satisfaction. This learning experience develops confidence and skills in a supportive and challenging environment. They will also be able to earn college credit and OSHA Certification.

Course: Culinary Arts 1 & 2	Grade Level: 11-12	Credit: 3.00
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Our state-of-the-art culinary program offers an opportunity to study all aspects of the food industry and helps prepare for a successful career in the field. structured to teach culinary arts to students as well as a provide team building environment. Students are taught safety in food preparation and storage, proper equipment use, all methods of cooking, service, menu planning and record keeping. We focus on technique while students prepare culinary works of art. Upon completion, students will have the knowledge to continue in post-secondary culinary education or begin a successful career in food service.

Course: Digital Communication & Graphic Design 1 & 2	Grade Level: 11-12	Credit: 3.00
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The Graphic Design program entails the learning and making use of many different skills around video production, graphic design, game design, and web design. Using state of the art software and computer equipment students will also learn how to incorporate storytelling with visually pleasing video. All software and equipment are MAB compliant and ADOBE certified ready. If you like to write, draw, use video cameras, create music, make movies, work as a Team, work with computers and the Web, creating things, then this program is for you.

Course: Emergency Medical Technician (EMT)	Grade Level: 11-12	Credit: 3.00
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First Responders have become much more appreciated and recognized with each new disease outbreak. The EMT program introduces students to the field of Emergency Medical Services (EMS) and the opportunity to pursue a variety of exceedingly high demand jobs and college programs. They will also be exposed to an introduction to Firefighting and Law Enforcement as it relates to EMS. Students will be certified in First Aid/CPR, earn their OSHA 10 Hour Card, and could earn three (3) college credits.

Course: Fire Fighting Technology	Grade Level: 11-12	Credit: 3.00
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This course is based on NFPA 1001: Standard for Fire Fighter Professional Qualifications. The course is designed for the person who seeks the knowledge and skills to function as an integral member of a firefighting team under direct or general supervision in hazardous conditions. The Fire Fighter I/II course consists of a combination of classroom study, drill field practice, and training evolutions that will prepare the firefighter to perform most fire ground functions under the supervision of an officer or experienced firefighter.

Course: Law Enforcement	Grade Level: 11-12	Credit: 3.00
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The "Law Enforcement (Public Safety Careers) Program" is designed to introduce students to a career that is exciting and personally rewarding. This is an academically rigorous and physically demanding program that emphasizes teamwork and communication skills. Students will be asked to demonstrate a positive attitude and good moral and ethical characteristics that exemplify that of a Law Enforcement Officer. They will also have exposure to (32) other Public Safety Professions. Students will obtain their OSHA 10-Hour Safety Certification Card, AHA Basic Life Support (BLS), First Aid and CPR Certifications, NRA, Refuse to Be a Victim, and New Gun Owner Course Certifications, and Maine Driving Dynamics Course Certifications. They will also complete several Federal Emergency Management Agency (FEMA) Courses and Maine State Justice Planning Management Agency (JPMA) Law Enforcement Certification Courses. Lastly, the Law Enforcement Program Students will have the opportunity to earn up to (12) College Credits in Criminal Justice. (This is a 1-Year or 2-Year Program.)

Course: Medical Administration Specialist (MAS)	Grade Level: 11-12	Credit: 3.00
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MAS is a two-year program that allows and trains the student to learn a variety of skills, including medical technology, medical office simulated software, electronic health records, medical law and ethics, insurance billing, medical transcription, coding, correspondence, and communication. Students who enroll in the 2-year program will have an opportunity to take the American Medical Technologist's (AMT) and Certified Medical Administrative Specialist's tests. In addition, they will participate in a 160-hour externship a local medical office and will have an opportunity to earn 9 college credits in Medical Terminology and Medical Office Procedures. Students who only attend for one year can receive their Medical Office Technology (MOT) Certificate of Completion and get Medical Terminology I and II (6 college credits), medical transcription, and an introduction to medical office software. These programs give students a solid foundation of clerical skills to be successfully employed in the healthcare setting.

Course: Medical Office Technology (MOT)	Grade Level: 11-12	Credit: 3.00
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This is a One-Year certificate program that allows students the opportunity to be involved in the "front-end"/ clerical side of healthcare. This program would be suitable for a first-year Region 3 student, a senior who just finished CNA, or a high school senior who may have missed the opportunity to enroll in the two-year RMA program. The MOT program allows student to explore the medical office environment, use electronic records, and earn college credits before entering the work force or perhaps majoring in a health-related field in college. Students will leave the program with the ability to be employed as a Patient Service Representative/Medical Secretary earning \$18-\$22 per hour.

Course: Outdoor Recreation/Leadership Program	Grade Level: 11-12	Credit: 3.00
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This program is a new program for 2024-2025. The Outdoor Leadership program will provide the basic training and skills necessary to students that are interested in pursuing post-secondary education and/or employment in the many professions that relate to the outdoors. Additionally, graduates will gain the skills and confidence they need to pursue leadership positions in any industry. Outdoor Recreation covers a lot of ground in careers relating to orienteering, canoeing, outdoor survival, hunting, fishing, and guiding. A strong emphasis is placed on current "best practices" of maintaining, working in, and enhancing the environment. Students will be challenged physically, mentally, and academically while developing their potential for leadership, teamwork, and service using the outdoor world as their classroom. There may be several dual enrollment possibilities, as well as the possibility of obtaining your basic Guide License.

Course: Registered Medical Assistant (RMA)	Grade Level: 11-12	Credit: 3.00
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The RMA Program is a two-year program that offers students the opportunity to work directly with physicians, participate in flu shot clinics, phlebotomy rotations, and complete an internship at a health care office. They will learn clinical procedures such as injections, various blood testing, EKGs, sterile field, and pulmonary function tests. Students will have the opportunity to take two national exams: the Registered Medical Assistant exam and the Registered Phlebotomy Technician exam. You also can earn up to 10 college credits in this two-year program. If you are interested in the medical field; you can get a step ahead before even leaving High School.

Course: Welding Technology 1 & 2	Grade Level: 11-12	Credit: 3.00
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The Welding Technology Program teaches students comprehensive welding skills. The field of welding offers graduates many career opportunities throughout Maine. Most of the student time is spent in the shop perfecting welding skills. This two-year program gives students the opportunity to obtain 3 AWS certifications in FCAW (Flux Cored Arc Welding), SMAW (Shielded Metal Arc Welding), and Pipe Welding. Students will also earn their OSHA 10-Hour Card.