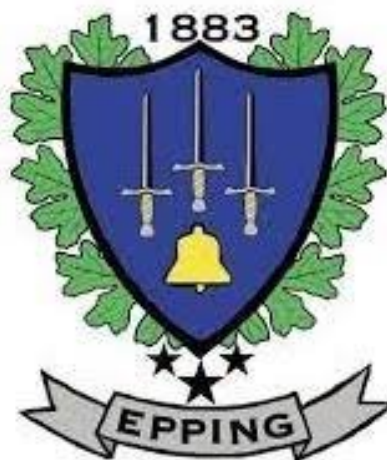


Epping Middle High School



2024-2025 Program of Studies *Grades 9-12*

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CONTACT INFORMATION

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Mr. Chris Mazzone- Principal
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EPPING MIDDLE HIGH SCHOOL

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A complete staff and e-mail directory is available at
www.sau14.org/emhs

EQUAL OPPORTUNITY STATEMENT

The Epping School District, in its actions and those of its employees, does not discriminate on the basis of gender, sexual orientation, marital status, race, color, religion, nationality, ethnic origin, age or disability. This statement is a reflection of the mission of the Epping School District and refers to, but is not limited to, the provisions of the following laws: Title VI & VII of the Civil Rights Act of 1964; the Age Discrimination Act of 1967; Title IX of the Educational Amendments of 1972; Section 504 of the Rehabilitation Act of 1973; the Americans with Disabilities Act of 1975; New Hampshire Law Against Discrimination (RSA 354-S) and State Rule: Ed. 303.01(i), (j) and (k). Inquiries regarding discrimination may be directed to William Furbush, Superintendent SAU #14; 213 Main St. Epping NH 3042 or (603) 679-8003.

Reference Policy AC under School Board **Policy** at **www.SAU14.org**.

ACCREDITATION

Epping High School is accredited by the New England Association of Schools and Colleges (NEASC). NEASC is a non-governmental, nationally recognized organization whose affiliates include elementary through collegiate institutions offering post-graduate programs.

Accreditation by NEASC means that an institution meets or exceeds the criteria established by a commission. This is established by a voluntary peer group review process. An accredited school or college is one that has available the necessary resources to achieve its stated purposes through appropriate educational programs; is substantially doing so; and gives evidence that it will continue to do so in the foreseeable future. The integrity of the institution is also addressed through the accreditation process. Accreditation by NEASC is not partial, but applies to the institution as a whole. As such, it is not a guarantee of the quality of every course or program offered, nor the competence of individual graduates. Rather, it provides reasonable assurances about the quality of opportunities available to students enrolled in the institution

STUDENT SERVICES

A full range of guidance services is available to students in grades 9-12 and their parents/guardians. Students can make an appointment to see their School Counselor or may drop in as needed. Regular individual counseling can be arranged by parents/guardians, professional staff and students themselves. Students may receive advice on selection of courses, have their academic records reviewed, receive career information and acquire information on colleges.

Parents/Guardians are encouraged to contact the School Counseling Office concerning any issues impacting a student's social adjustment or academic progress. In addition, the results of school authorized and aptitude testing can be reviewed individually with students and parents/guardians.

All student records are kept and maintained according to federal and state regulations. Parents/Guardians of students needing to inspect student records should contact the Guidance Office.

The Epping schools will not release copies of records or personal information about any student unless a signed release form from the parent, guardian or 18 year old student is received, except when providing information to recruiters from the Armed Forces. **As required by provision in the Elementary and Secondary Education Act (ESEA), the Guidance Office provides student information upon request to the various branches of the Armed Forces. To "Opt-Out" of these lists, written notification by the parent/guardian or 18 year old student must be provided to the Guidance Office or indicated in the annual online registration.** Form may be accessed under Parents & Community, Student Forms at www.sau14.org.

TBA- Director of Student Services

GRADUATION REQUIREMENTS

Beginning with the Class of 2026, new graduation requirements and diploma options will be instituted. Please refer to the correct section below, based on your year of graduation, to review the graduation requirements and diploma options.

Class of 2025

Students in the classes of 2025 have the following diploma options available:

1. State Standard Diploma – This diploma is awarded in special circumstances and is based on the State of New Hampshire Requirements for a High School Diploma. *Principal and Superintendent approval are required to be considered for this diploma.*

2. District Standard Diploma – This is the standard Epping Middle High School Diploma that meets the established minimum graduation requirements for the district.

3. Honors Diploma – Students must meet the credit requirements listed below with a cumulative GPA of 3.2 or better, 2 or more credits in Honors or AP courses in 11th and 12th grade, and no competency/credit recovery required. Please note that “honors-option” courses do *not* count toward this Honors course requirement.

1. State Standard Diploma (Class of 2025 only)

SUBJECT	CREDITS
English	4
Math (including Algebra I)	3
Science (must include Biology & Physical Science)	2
Social Studies (including World/US/NH History, Civics & Economics)	2.5
Physical Education	1
Health	½
Fine Arts (Art/Drama/Music)	½
Computers	½
Electives	6
TOTAL	20

2. District Standard Diploma (Class of 2025 only)

SUBJECT	CREDITS
English	4
Math (including Algebra I)	3
Science (must include Biology & Physical Science)	3
Social Studies (must include US Hist, World Cult, Econ, Civics)	3
Physical Education	1
Health	½
Fine Arts (Art/Drama/Music)	½
Computers	½
Electives	7
TOTAL	22.5

3. Honors Diploma (Class of 2025 only)

SUBJECT	CREDITS
English (college-prep level)	4
Math (college-prep level, must include PreCalculus)	4
Science (Biology, Physical Science, & 2 years of college prep lab science)	4
Social Studies (including World Cult, Econ, Civics and US History)	3.5
World Languages (must be in same language)	3
Physical Education	1
Health Education	½
Fine Arts (Art/Music/Drama)	½
Computer Education	½
Electives	5.5
TOTAL	26.5

Classes of 2026 & Beyond

Students will have the opportunity to select from one of the diploma options below and make adjustments as high school progresses based on their progress and goals.

1. **Epping High School Diploma of Distinction:** Students selecting the 30 credit Diploma of Distinction will partake in a rigorous course of study that may require students to take a full schedule of classes throughout their four years. Students earning this diploma may be the most competitive candidates for 4-year college admissions in addition to having other post-secondary options available such as trade school, employment, and military enlistment.
2. **Epping High School Scholars Diploma:** Students earning this 27 credit Scholars Diploma will be competitive candidates for 4-year college admissions in addition to having other post-secondary options available such as trade school, employment, and military enlistment. Students earning the Scholars Diploma may be qualified to earn the New Hampshire Scholars distinction if core classes are taken at the college-prep level or higher.
3. **Epping High School Diploma:** This diploma is the standard EMHS diploma based on the district's minimum requirements for graduation. Students earning this diploma may be prepared to enter 2 or 4-year colleges, trade school, employment, military enlistment, and other post-secondary options.
4. **Epping High School State Diploma:** This diploma is for students who have faced extenuating circumstances who are not able to access the standard EHS diploma requirements. It is based on the State of New Hampshire minimum requirements for a high school diploma. Students graduating with this diploma may be eligible for 2 and 4-year college admissions as well as having other post-secondary options available.

1. Epping High School Diploma of Distinction

<i>Subject</i>	<i>Credits</i>	<i>Subject</i>	<i>Credits</i>
English*	4	Computer Education	1
Math* <i>Must include Algebra</i>	4	Arts	1
Science* <i>Must include Biology & Physical Science</i>	4	Financial Literacy	.5
Social Studies <i>Must include US History, World Cultures & Civics & Economics</i>	4	Career Exploration	.5
Wellness <i>Must include 1 year of Phys Ed and ½ year of Health</i>	2	Electives	6
World Language	3	<i>Community Service</i> <i>Documented community service to begin in 9th grade</i>	<i>50 total hours</i>
<i>*Core classes must be taken at the college-prep level or higher to earn the NH Scholars distinction</i>		TOTAL	30 credits

2. Epping High School Scholars Diploma

<i>Subject</i>	<i>Credits</i>	<i>Subject</i>	<i>Credits</i>
English*	4	Computer Education	1
Math* <i>Must include Algebra</i>	4	Arts	1
Science* <i>Must include Biology & Physical Science</i>	4	Financial Literacy	.5
Social Studies <i>Must include US History, World Cultures & Civics & Economics</i>	3.5	Career Exploration	.5
Wellness <i>Must include 1 year of Phys Ed and ½ year of Health</i>	2	Electives	4.5
World Language	2	<i>Community Service</i> <i>Documented community service to begin in 9th grade</i>	<i>35 total hours</i>
<i>*Core classes must be taken at the college-prep level or higher to earn the NH Scholars distinction</i>		TOTAL	27 credits

3. Epping High School Diploma

<i>Subject</i>	<i>Credits</i>	<i>Subject</i>	<i>Credits</i>
English	4	Arts	.5
Math <i>Must include Algebra</i>	3	Financial Literacy	.5
Science <i>Must include Biology and Physical Science</i>	3	Career Exploration	.5
Social Studies <i>Must include US History, World Cultures, and Civics & Economics</i>	3	Electives	6.5
Wellness <i>Must include 1 year of Phys Ed and ½ year of Health</i>	2	Community Service <i>Documented community service to begin in 9th grade</i>	20 <i>total</i> hours
Computer Education	1	TOTAL	24 credits

4. Epping High School State Diploma

<i>Subject</i>	<i>Credits</i>	<i>Subject</i>	<i>Credits</i>
English	4	Arts	.5
Math <i>Must include Algebra</i>	3	Computer Education	.5
Science <i>Must include Biology & Physical Science</i>	2	Wellness <i>Must include 1 year of Phys Ed and ½ year of Health</i>	1.5
Social Studies <i>Must include: 1 US History, ½ World Cultures, and Civics & Economics</i>	2.5	Electives	6
		TOTAL	20 credits

ENGLISH & MATH 4-YEAR REQUIREMENT

As required by the state of New Hampshire, all students must be engaged in a course that applies English competencies and a course that applies Mathematics competencies for every year they are enrolled in high school, even if the English or Math graduation credit requirement has already been met.

English: Students must take an English course every year.

Math: Students must take at least three years of a traditional math course and a fourth year of either traditional math or a "Math Experience" course. "Math Experience" courses are indicated in the course descriptions section of the Program of Studies with ***Math Exp.*** and includes courses that apply math concepts.

WELLNESS REQUIREMENT

Beginning with the Class of 2026, students need to earn 2 credits of wellness-related courses as follows:

- 1 credit of Physical Education
- ½ credit of Health Education.
- ½ credit of Wellness-related elective: This can be earned by taking one of the Health & Physical Education department elective courses, such as Lifetime Activities, Wilderness First Responder, or courses that apply Wellness concepts such as Child Development, Food Choices II, SST Health Sciences and others. The courses that meet this wellness elective requirement are indicated in the course descriptions section of the Program of Studies.

CAREER EXPLORATION REQUIREMENT

Please refer to the Career Development section on page 13 for a full description of the Career Exploration credit requirement.

COMMUNITY SERVICE REQUIREMENT

Beginning with the Class of 2026, students must perform community service as a graduation requirement. Each diploma option has a service hour requirement (20, 35, or 50 hours). All community service must be documented on the EMHS Community Service Application form found online or in the school counseling office. Specific information about the types of activities that are eligible for community service can be found on the form. The school counseling office will keep a record of service hours for each student.

ACADEMIC PROGRAMS AND PRACTICES

COURSE LOAD

Students are required to enroll in the following minimum number of credits per year:

Freshmen: 7 credits	Juniors: 7 credits
Sophomores: 7 credits	Seniors: 6 credits

Please note that extended learning opportunities and other courses taken after or outside of school do not count toward this total without prior approval from the principal. Students in the second year of an SST program may take 1 credit less than the requirement due to scheduling/time constraints.

PROMOTION REQUIREMENTS

In order for a student to qualify as a member of the indicated class, the minimum number of credits must be acquired. Class standing indicates the class activities in which a student may participate and vote.

- A student must have **17** credits to be a senior
- A student must have **12** credits to be a junior
- A student must have **6** credits to be a sophomore

FRESHMAN AND SOPHOMORE PROGRAMS

In order to facilitate the transition into high school, the curriculum is delivered with a focus on small learning communities, heterogeneous grouping and a collaborative approach to instruction. Teachers closely monitor student progress and are able to quickly identify students who are having difficulty with motivation, achievement or interpersonal skills and promptly address those issues in conjunction with students and parents/guardians.

GRADE 9 REQUIREMENTS

All 9th grade students must take English I, Biology, US History, a math course, and Physical Education. In addition, at least 2 elective credits must be selected as freshmen must take a minimum of seven credits.

GRADE 10 REQUIREMENTS

All 10th grade students must take English II, Physical Science, World Cultures, a math course, and Health. In addition, at least 2.5 elective credits must be selected as sophomores must take a minimum of seven credits.

ASSESSMENT SCHEDULE

- All 9th grade students will take the PSAT 8/9 in the spring of freshman year.
- All 10th grade students will take the PSAT 10 in the spring of sophomore year.
- All 11th grade students will have the option to take the PSAT/NMSQT in the fall of their junior year and all 11th grade students will take the SAT as required by the State of NH in the spring.

CAREER DEVELOPMENT PROGRAM

The SAU 14 Career Development Program is based on the State of New Hampshire's SB 276. Beginning in 9th grade and continuing throughout high school, students will engage in career assessments of various types which may include: interest inventories, skills inventories, values inventories, and personality assessments. Additionally, students will participate in career advising sessions with school counselors to develop their Career Readiness Pathways and document progress towards Career Readiness Credentials.

Career Exploration Graduation Requirement

To fulfill the .5 credit career exploration graduation requirement, students will complete the activities listed below. Students may propose alternate activities to complete. Any alternate activity must be approved by a school counselor. Students will be provided with access to resources to support their career exploration activities and opportunities to complete this work during the school day. Career exploration activities will be done over the course of the student's high school career (grades 9-12) and should be completed by April 30th of their senior (grade 12) year.

Final Product: Prior to April 30th of their senior (grade 12) year, students must submit a completed digital portfolio that includes evidence of the required career exploration activities. The student will present their portfolio and reflect on what they learned and their future goals.

Requirements:

Grade 9

- ☐ Google Site/Digital Portfolio (update or create)
- ☐ Learning Style Survey
- ☐ Career Cluster Survey
- ☐ Career Research (1)
- ☐ Attend a career exploration presentation/view a career video (1) and complete a career reflection
- ☐ Meet with School Counselor for goal setting and planning
- ☐ Work Study Practices*

Grade 10

- ☐ Update Google Site/Digital Portfolio
- ☐ Career Interest Survey
- ☐ Career Research (2)
- ☐ Seacoast School of Technology (SST) information session/field trip and reflection
- ☐ Create a Pocket Resume
- ☐ Attend a career exploration presentation/view a career video (1) and complete a career reflection
- ☐ Meet with School Counselor for goal setting and planning
- ☐ Work Study Practices*

Grade 11

- ☐ Update Google Site/Digital Portfolio
- ☐ Career Interest Survey (optional)
- ☐ Career Research (2)

- ☐ Participate in a Job Shadow or Informational Interview
- ☐ Attend a career exploration presentation/view a career video (1) and complete a career reflection
- ☐ Meet with School Counselor for goal setting and planning
- ☐ Work Study Practices*

Grade 12

- ☐ Update Google Site/Digital Portfolio
- ☐ Career Interest Survey (optional)
- ☐ Career Research (1)
- ☐ Create a Resume
- ☐ Work Values Assessment Tool
- ☐ College, trade or military visit (at EMHS or on-site) and reflection
- ☐ Attend a career exploration presentation/view a career video (1) and complete a career reflection
- ☐ Meet with School Counselor for goal setting and planning
- ☐ Work Study Practices*
- ☐ Submit Digital Portfolio by April 30th

Optional or Alternative Activities: Students may choose to do additional career exploration activities and/or may propose alternate activities to complete. Any alternate activity must be approved by a school counselor prior to completion. Optional and alternate activities include, but are not limited to:

- Extended Learning Opportunities (ELO)
- Internships
- Trade school courses
- SST portfolio
- Community-based experiences
- VLACS career exploration courses
- Earning a credential (e.g. First Aid or CPR certification, LNA, microsoft or google badge)
- Employment reflection

Students should consult with their school counselor to explore career exploration opportunities.

***Work Study Practices:** Work Study Practices (WSP) are skills to help students become life, college, and career ready. Epping School District WSP are:

- Self-Direction: taking charge of your own learning
- Communication: sharing information & ideas with others
- Collaboration: working together to achieve a goal
- Innovation: making something that is unexpected, new and useful

As part of the Career Exploration graduation requirement, students are expected to comply with EMHS Work Study Practice guidelines including WSP conferencing twice per year. Conferencing forms and expectations are made available to students throughout the school year.

ADVANCED PLACEMENT (AP) COURSES

Any student who is capable of and wishes to take Advanced Placement courses will be permitted to do so. School counselors will provide assistance to students who wish to enroll in such courses. Advanced Placement Courses are college level courses that students can take while still in high school. At the conclusion of the course, students take the corresponding AP exam for a fee. AP exams are standardized, three hour exams given in May, which are graded on a scale of 1 to 5, with 3 considered a "qualifying" score for most colleges. If a student receives a qualifying score on the exam, they may be eligible for advancement placement or course credits at many colleges and universities in the United States. AP courses require students to make a commitment to meeting individual course requirements, which include, but are not limited to, completing summer work and certain prerequisites for enrollment.

If Advanced Placement courses are not available within Epping High School, school counselors will assist students in finding alternative means of taking such classes. Credit may be given provided the course meets school policy. The student will be responsible for any tuition, fees, transportation, or other associated costs.

EARLY COLLEGE COURSES

Early College courses are a partnership between high schools and the NH Community College System, with the courses being taught at EHS by an EHS teacher. These courses, when completed successfully and for a fee of up to \$150, will earn both high school credit as well as college credit. In recent years, EHS has offered College Composition, PreCalculus, Calculus, and Quantitative Reasoning through Great Bay Community College. These courses are subject to change each year based on teacher availability. The college credit earned can be transferred to many colleges and universities in the United States. Many courses at the Seacoast School of Technology also have an Early College option, this information can be found on the SST website.

HONORS-OPTION COURSES

Honors-Option courses are available at Epping High School when a dedicated honors section does not exist. An Honors-Option can be taken in certain college-prep classes by completing a contract with the teacher to meet honors level requirements. The contract is a Powerschool form that both student and teacher need to complete at the beginning of a semester. Students choosing Honors Option will be expected to complete additional assignments, attend Honors FLEX sessions, and meet other teacher expectations, leading to a greater depth and understanding of the material studied. Honors-Option credit is awarded at the end of the semester when the teacher certifies that the student successfully completed all expectations.

Classes with an honors option (subject to change): English I, US History, English II, World Cultures, Physical Science, English III, Civics, Economics, Chemistry, Physics, Anatomy, and Concert Band.

DROP/ADD PROCEDURES FOR COURSES

Scheduling of classes for each school year begins in March of the preceding school year when students request their classes. Therefore, a student has at least five months prior to the start of the school year in which to consider the courses he/she will be taking and to work with the counseling department to develop his/her schedule. Given this lengthy period of time, there will be no student

or parent initiated changes to a student's schedule after the opening of school except under the following conditions:

1. The student has been misplaced in a course.
2. The student has failed a prerequisite for a course now scheduled.
3. The student has a study period and wishes to add a class.
4. The student wishes to improve the rigor of their transcript.
5. Switching out of a class does not negatively impact class size.

A student seeking to drop a course for reasons above should discuss this with his/her parents, the teacher, and school counselor. **The add/drop time period will be within the first 2 weeks of each semester.** We understand there may be circumstances where a student requests to drop a class for other reasons not listed above, these requests must be for extenuating circumstances and approved by the principal. If the request is made after the add/drop time period and *if* approved by the principal, the student will receive either a W (withdrawal) or WF (withdrawal failing) or on their transcript depending on their grade at the time.

REPEATING COURSES FOR CREDIT

Chorus and Band may be repeated every year with credit earned for each semester successfully completed. Exploring Publishing class, which maintains the school newspaper, may also be repeated for credit with teacher approval. Any other class that is repeated when credit has already been earned will not result in earning additional credit for that class. If deemed appropriate by the teacher and the principal, a student may retake a previously passed class to earn a higher grade but will not receive credits for taking the class again.

With teacher approval, based on class size and student motivation, a student may request to retake a Physical Education class but will not earn credit for taking the same class a second time.

EARLY GRADUATION

Students are encouraged to spend four years completing their high school education choosing from the rich array of courses available. Meeting requirements in less time is possible, but not recommended in most cases. In some special circumstances, it is appropriate for a student to graduate early and we will work closely with such students to meet their needs. An appointment with a school counselor is the first step for students exploring this option. In all cases, permission of the Principal is required. Below is a list of the steps to follow.

1. A student meets with their school counselor to review credit status and discuss an Early Graduation Plan
2. A letter of support for early graduation is required of parents/guardians and must accompany the application.
3. A student intending to graduate at the end of their junior year should apply in the spring of their sophomore year. A student intending to graduate at the end of the first semester of their senior year should apply at the beginning of their junior year.
4. Within four weeks of submitting the application, the Principal will review the request and render a decision. Approval will be based upon the appropriateness of early graduation to the student's transition plan and the attainment of required credits. The student will receive written notification of the decision.

If requirements are met in time for graduation at the end of the junior year, the student may participate only in June graduation exercises. If met by mid-year senior year, a Letter of

Certification can be provided if needed. The graduate may receive a diploma during the graduation exercises of their class or separately without a ceremony. Any student who graduates early may not participate in any academic, athletic, or extracurricular activities after their early graduation date. Seniors who graduate mid-year may seek permission from the principal to participate in special senior events such as the senior trip. Juniors who graduate a year early are not considered to be seniors and may not participate in senior events (except graduation) without seeking prior approval from the principal.

NEW HAMPSHIRE SCHOLARS PROGRAM

What is the New Hampshire Scholars Program?

The New Hampshire Scholars Program recommends a Core Course of Study to high school students giving every participating student the advantage of well-rounded, more challenging coursework in English, math, science, social studies and foreign language. Students who undertake this rigorous Core Course of Study will challenge themselves to do their best work during their high school career and will enjoy a wider range of postsecondary options upon graduation.

Benefits of being a New Hampshire Scholar

- Advanced preparation for college
- Recognition as a State Scholar at high school graduation
- Designation as a State Scholar on high school transcript
- Become a better candidate for certain types of scholarships and financial aid
- Free applications at most colleges in New Hampshire

New Hampshire Scholars Core Curriculum:

English: 4 years of college-prep classes (English I, II, III, IV, or AP English)

Math: 4 years, must college-prep Algebra I, Geometry, Algebra II, and PreCalc or Quantitative Reasoning

Science: 3 years of college-prep lab science, must include Biology, Chemistry, and either Physics, Anatomy, or lab-science SST courses.

Social Studies: 3.5 years, must include Civics, Economics, World Cultures, US History, and approved social studies elective course

*World Language: 2 years of the **same** world language other than English*

Additionally, NH Scholars offers distinctions in the areas of Arts, STEM, and STEAM. To be eligible for the Arts Distinction, a student must have a 3.2 GPA and, in addition to the above requirements, must have earned 2 credits in arts courses. To be eligible for the STEM distinction, students must have a 3.2 GPA and, in addition to the above requirements, must have earned an additional 2 credits in either college prep math, lab science, engineering, technology, or computer science. A STEAM Distinction combines the Arts and STEM requirements.

Students who complete the Core Course of Study will be prepared both for college and work. They will also be recognized at graduation as New Hampshire Scholars. Other courses not listed above may also qualify for New Hampshire Scholars including some Seacoast School of Technology courses. *Credit/competency recovery for a required course will disqualify a student from earning this recognition.* Courses that meet a requirement will be indicated in the course descriptions.

GRADING, REPORTING, AND RECOGNITION PRACTICES

COMPETENCY BASED GRADING AT EMHS

A competency is a specific, measurable outcome related to knowledge and skills in which students demonstrate and apply mastery of learning within and across domains. Course competency statements establish expected outcomes, under which learning targets fall. These learning targets are based on Common Core State Standards, Next Generation Science Standards, National Standards for Art, Health, Physical Education, Music, Social Studies, and Technology, and are used when assessing a student's level of competence.

ASSESSMENT TYPES

EMHS uses two types of assessments: Formative and Summative. These two assessment categories provide different information as described below:

FORMATIVE ASSESSMENTS - Academic Practice

Formative assessments are work conducted when a student is still learning the curriculum. Formative assessments are designed to provide direction for both students and teachers. For the students, the assessment may mean reviewing, additional practice, or confirmation that they are ready to move forward. For the teachers, it may mean changing instructional strategies, providing additional practice, or confirming the students are ready to move forward. Formative assessments may take the form of teacher observations, quizzes, homework, rough drafts, peer editing, notebook checks, etc. Some formatives will be marked as complete and turned in OR they may be graded at the discretion of the teacher. All assigned formatives must be complete and submitted on the day they are due or the day the student returns from an absence. It is important to note that Google Classroom is used by all teachers. Students are expected to track work and submit work through Google Classroom unless otherwise directed by their teacher.

Formative assessments are graded on a 0-4 scale with 4 being the highest score.

Formative assessments are worth 20% of a student's final course grade.

SUMMATIVE ASSESSMENTS - Academic Achievement

Summative assessments are work conducted when a student has had adequate instruction and practice to be responsible for demonstrating mastery of one or more competencies. The student's work on the summative assessment is evaluated against the criteria detailed in the rubric and provides information to be used in reporting a student's achievement at the end of a sequence of instruction. The summative assessment may evaluate the full range of student abilities from recall of important content to application of content. Summative assessments may include but are not limited to, performance tasks, tests, presentations, projects, or research papers. Summative assessments may be taken when formative work has been completed, and the teacher of record determines the student is ready for the assessment. Students are expected to complete and submit work on time. Students are expected to advocate for help when needed and accept help when offered to stay on track. Students must complete all summative assessments to earn credit for the course.

Competencies on summative assessments can receive the following grades:

E (Exemplary), **MC** (Meets Competency), **BC** (Basic Competency), **N** (Novice, not passing), **IWS** (Insufficient Work Submitted, not passing)

Summative assessments are worth 80% of a student's final grade.

ASSESSMENT FREQUENCY

A student may expect a minimum of two graded formative assessments before a summative assessment for each class. Some students will demonstrate mastery early in the learning process, and others may need more instruction, practice, and formative assessments to demonstrate readiness. Students may expect to have an appropriate number of formative and summative assessments, which may depend upon the kind of assessment.

ASSESSMENT COMPLETION & LATE WORK

Every effort shall be taken to support students in holding themselves responsible for completing all assigned work. Summative assessments not submitted by the assigned due date will result in an "IWS" (Insufficient Work Submitted) in PowerSchool. All assignments not submitted by the original due date are expected to be completed *by the beginning of the next class period* for a maximum grade of "BC". Students who do not turn in their assignment within that time period may face administrative consequences such as detention, suspension from co-curricular activities, and loss of privileges.

RELEARNING & REASSESSMENT

The focus on learning at EMHS is paramount. The faculty at EMHS recognizes that despite each learner's best efforts, opportunities for relearning and reassessment may be necessary to support student achievement. The student's responsibility with this process begins with the first submission of an assignment, the first submission of an assignment should represent a student's best efforts. If a student wishes to improve their grade on an assignment, the student initiates the process of relearning following the guidelines below. An assignment is only eligible for reassessment when it has been submitted completely and on time.

- The relearning and reassessment process must be initiated by the student within five school days of receiving the graded assessment. The student must submit a Relearning & Reassessment Plan, this is accomplished using a Google Form found on the school website.
- Students are encouraged to reassess in order to demonstrate mastery of a concept which may result in a grade change:
 - a. If a student has turned in all formative assessments required by the teacher when originally due, they may reassess up to an Exemplary (E).
 - b. If a student has NOT turned in all of their formative assessments when originally due, they may reassess up to a Meets Competence (MC).
 - c. If a student fails to complete their reassessment plan, the original grade will remain.
- Formative assessments, as directed by the teacher and listed on the Relearning and Reassessment Plan, must be completed to aid in the relearning process.
- Reassessment work must be submitted as specified by teachers within the date outlined in the reassessment plan, but no later than five days prior to the date grades close.

- When appropriate, a student may request an alternate form of reassessment that best suits their learning and assessment style to demonstrate the required learning.
- A student may relearn and resubmit a summative assessment once per summative. Special exceptions may be granted by the principal after meeting with the teacher and student.

FINAL GRADES & CREDIT

At the end of a semester, a student will receive three types of grades in each class: competency grades, a formative grade, and a final grade.

- Competency grades: Each course competency will receive a grade, this grade is the average of all summatives which assessed that specific competency. If a class has 4 competencies, the student will receive 4 separate competency grades. All competency grades must be in the passing range (BC or higher) for a student to earn a passing final grade.
- Formative grade: The formative grade is the average of all formative assessments for that class for the semester.
- Final grade: The final grade goes on a student's transcript. This grade is determined by combining the competency grades (worth 80%) with the formative grade (worth 20%).

GRADE/GPA SCALE FOR EMHS COURSES

<i>Final Grade & Description</i>	<i>GPA Points by Class Type</i>		
	<i>Standard / College-Prep</i>	<i>Honors & Dual-Enrollment</i>	<i>AP</i>
Exemplary (E) Student exceeds criteria for competence. Student applies all key concepts and skills from performance indicators accurately and independently.	4.00	4.50	5.00
Meets Competency Plus (MC+) Student meets or exceeds the MC level performance on all competencies, indicating progression towards Exemplary.	3.50	4.00	4.50
Meets Competency (MC) Student demonstrates competence. Student applies key concepts and skills from performance indicators.	3.00	3.50	4.00
Basic Competency Plus (BC+) Students meets or exceeds the BC level performance on all competencies, indicating progression towards Meeting Competence.	2.50	3.00	3.50
Basic Competency (BC) Student demonstrates partial competence. Student inconsistently applies key concepts and skills from performance indicators.	2.00	2.50	3.00
Novice (N) Student does not demonstrate competence.	0.00	0.00	0.00
Insufficient Work Submitted (IWS) Student did not submit a sufficient amount of work to determine competence.	0.00	0.00	0.00

GPA SCALE FOR SST, DISTANCE LEARNING, and TRANSFER GRADES

Courses taken outside of Epping High School at accredited institutions will be included in a student's cumulative GPA based on the scale below:

	<i>GPA Points by Class Type</i>		
GRADE	Standard/College-Prep	Honors & Dual Enrollment	AP
A-, A, A+	4.00	4.50	5.00
B-, B, B+	3.00	3.50	4.00
C-, C, C+	2.00	2.50	3.00
D-, D, D+	1.00	1.50	2.00
F, WF, Inc.	0	0	0

WEIGHTED GRADE POINT AVERAGE (GPA)

A student's GPA is determined by multiplying the grade point value earned for the semester by the credits earned for each individual class, totaling the grade points earned, and then dividing the total grade points earned by the total credits attempted.

Sample Semester GPA Calculation:

Class	Semester Grade	GPA Points	Credit Earned	Grade Points Earned	Credit Attempted
AP History	MC	4.00	0.5	2.00	0.5
English III	MC	3.00	0.5	1.50	0.5
Honors Precalculus	E	4.50	0.5	2.25	0.5
Ceramics	MC	3.00	0.5	1.50	0.5
SST Computer Science (S1)	B-	3.00	1.0	3.00	1
TOTAL				10.25	3
		GPA= Grade Points Earned / Credits Attempted			3.416

Grade Point Averages are recalculated at the end of each semester *or* when credit is awarded for completing a class. GPA is cumulative, every eligible class from every semester is factored into a student's GPA. It is important to note that your Epping High School GPA is not a universal number, every high school may calculate GPA a different way. Most colleges will recalculate an applicant's GPA using their own numbers and methods, often only including core academic subjects.

WEIGHTED CLASS RANK

Class Rank is determined by putting the GPA's of all students in a class in rank order from highest to lowest. For example, a senior with the rank of "5" has the fifth highest GPA in the senior class. Class rank is calculated after the second semester of 10th grade and is only reported on transcripts.

GRADUATION HONORS- Class of 2025

Students will be eligible to earn one of the following Latin Honors based on their cumulative GPA at the conclusion of the first semester of senior year:

3.50-3.74 = ***Cum Laude***

3.75-3.99 = ***Magna Cum Laude***

4.00 or higher = ***Summa Cum Laude***

Students in the Class of 2025 who earn the *Summa Cum Laude* distinction will be eligible to apply for the role of the "Honors Speaker" at their graduation ceremony. Eligible students may submit a speech to be selected by a panel of teachers and administrators.

GRADUATION HONORS- Class of 2026 and beyond

Students will be eligible to earn one of the following Latin Honors based on their cumulative GPA and other requirements as listed below at the conclusion of the first semester of senior year:

Cum Laude

GPA of 3.5 or higher

Magna Cum Laude

GPA of 3.7 or higher

4 Honors/AP credits (2 credits must be from junior and/or senior year)

Summa Cum Laude

GPA of 3.9 or higher

8 Honors/AP credits (4 credits must be from junior and/or senior year)

Students earning the *Summa Cum Laude* distinction will be eligible to apply for the role of the "Honors Speaker" at their graduation ceremony. Eligible students may submit a speech to be selected by a panel of teachers and administrators.

HONOR ROLL

Honor roll will be determined at the end of each semester and is based only on the grades earned in that semester, not cumulative GPA. To qualify for the honor roll at Epping High School, students must be enrolled in a minimum of 4 EHS courses and meet the following criteria:

Principal's List: 3.75 Semester GPA or higher

Honor Roll: 3.5 Semester GPA or higher

PLANNING A COURSE OF STUDIES

The Program of Studies contains valuable information that is important for students to consider as they go through high school. Students should talk with their parents, school counselor and teachers to help them make the best selections. Make sure to review the Graduation Requirements, Course Descriptions, as well as the recommended course sequence below to help you figure out which classes to take. Make sure to consider your interests and think about what you might want to study or work at after high school. If students and parents consider these things when making course decisions, they will see the four years students spend in high school as the stepping stone to their future whether going to college or a trade school, into the military, or entering the workforce.

FRESHMAN YEAR

English- English I

Math- Algebra or Honors Geometry (*only if Algebra was taken in 8th grade*)

Science- Biology

Social Studies- US History

Physical Education

Electives- World Language, Art, Family & Consumer Sciences, Music, etc.

SOPHOMORE YEAR

English- English II

Math- Geometry or Algebra II

Science- Physical Science

Social Studies- World Cultures

Health

Electives- World Language, Art, Family & Consumer Sciences, Music, etc.

JUNIOR YEAR

English- English III or AP English

Math- Algebra II or Pre-Calculus

Science- Chemistry, Natural Resources

Social Studies- Civics & Economics

Electives- SST, World Language, Art, Family & Consumer Sciences, Music, etc.

SENIOR YEAR

English- English IV or AP English or Practical Reading/Writing

Math- Pre-Calculus or Quantitative Reasoning or AP math

Science- Physics, Anatomy, or electives

Social Studies elective

Personal Finance

Electives - SST, World Language, Art, Family & Consumer Sciences, Music, etc.

MEETING COLLEGE REQUIREMENTS FOR ADMISSION

Colleges prefer applicants who have taken a rigorous high school program, including honors and advanced classes when appropriate, and who have demonstrated growth and strong character. In addition, there are many colleges that will accept students with average grades who have demonstrated particular skills or exceptional qualities of character and leadership. As you plan, consider the guidelines below:

4-YEAR COLLEGE REQUIREMENTS

ENGLISH	4 credits
SOCIAL STUDIES	3 - 4 credits
MATH (College Prep)	3 - 5 credits, including at least Algebra II
SCIENCE	3 - 5 credits, including Chemistry
FOREIGN LANGUAGE	2 - 5 credits depending on college/major
ELECTIVES	Electives should be taken from those available based upon personal interests and educational goals, i.e. Art, Business, Computer, Technology Education, Music

AP and Honors Courses/Options are highly encouraged for 4-year schools.

2-YEAR COLLEGES and TECHNICAL/TRADE SCHOOLS

Vocational and Technical Schools vary widely in their requirements. Generally, a strong foundation in math and science is important.

ENGLISH	4 credits
SOCIAL STUDIES	3 credits
MATH	3 - 4 credits
SCIENCE	3 - 4 credits
FOREIGN LANGUAGE	0 - 3 credits depending upon college/major
ELECTIVES	as above (chosen with a career in mind)

Employment After High School (suggested)

ENGLISH	4 credits
SOCIAL STUDIES	3 credits
MATH	3 - 4 credits
SCIENCE	3 - 4 credits
TECHNOLOGY-BUSINESS	2 - 3 credits
ELECTIVES	as above (chosen with a career in mind)

REQUIREMENTS FOR PARTICIPATION IN COLLEGE ATHLETICS

To be eligible to compete in NCAA sports during your first year at a **Division I** school, you must graduate high school and meet **ALL** the following requirements:

Complete 16 core courses:

- Four years of English
 - Three years of math (Algebra 1 or higher)
 - Two years of natural/physical science (including one year of lab science if your high school offers it)
 - One additional year of English, math or natural/physical science
 - Two years of social studies
 - Four additional years of English, math, natural/physical science, social science, foreign language, comparative religion or philosophy
- Complete 10 core courses, including seven in English, math or natural/physical science, before your seventh semester. Once you begin your seventh semester, you may not repeat or replace any of those 10 courses to improve your core-course GPA.
 - Earn at least a 2.3 GPA in your core courses.
 - Earn an SAT combined score or ACT sum score matching your core-course GPA on the Division I sliding scale.

To be eligible to compete in NCAA sports during your first year at a **Division II** school, you must graduate high school and meet **ALL** the following requirements:

- Complete 16 core courses:
 - Three years of English.
 - Two years of math (Algebra 1 or higher).
 - Two years of natural or physical science (including one year of lab science if your high school offers it).
 - Three additional years of English, math or natural or physical science
 - Two years of social science
 - Four additional years of English, math, natural or physical science, social science, foreign language, comparative religion or philosophy
- Earn at least a 2.2 GPA in your core courses.
- Earn an SAT combined score or ACT sum score matching your core-course GPA on the Division II sliding scale.

Students who plan to participate in Division I or Division II college athletics must register with the NCAA Eligibility Center (www.ncaa.org). The Eligibility Center issues a preliminary certification report to the college once all your materials have been submitted. After you graduate, the Eligibility Center reviews your final transcript to make a final certification decision according to NCAA standards.

FOUR-YEAR COURSE PLANNING WORKSHEETS

Students can use the worksheets on the next few pages to help plan a course of study to meet the requirements for earning a high school diploma. Please see your school counselor to make a four year plan to meet your personal post-secondary goals. Some of the required classes have already been filled in. **Use the open spaces to plan your electives and your other required classes.**

Grade 9

1. English I
2. Math_____
3. Biology
4. US History
5. Physical Education
6. _____
7. _____
8. _____
9. _____
10. _____

Grade 10

1. English II
2. Math_____
3. Physical Science
4. World Cultures
5. Health (½ credit)
6. _____
7. _____
8. _____
9. _____
10. _____

Grade 11

1. English_____
2. Math_____
3. Science_____
4. Civics & Economics
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____

Grade 12

1. English_____
2. Math or Math Exp _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____

Class of 2026 & Beyond: Diploma Requirements Worksheet

English: 4 Credits	Year	Credit
1. English I (1 cr.)	9	
2. English II (1 cr.)	10	
3.	11	
4.	12	
Math: <i>Standard: 3 Credits</i> <i>Scholars & Distinction: 4 Credits</i>	Year	Credit
1.		
2.		
3.		
4.		
Science : <i>Standard: 3 Credits</i> <i>Scholars & Distinction: 4 Credits</i>	Year	Credit
1. Biology (1 cr.)	9	
2. Physical Science (1 cr.)	10	
3.		
4.		
Social Studies: <i>Standard: 3 Credits</i> <i>Scholars: 3.5 Credits</i> <i>Distinction: 4 Credits</i>	Year	Credit
1. US History (1cr.)	9	
2. World Cultures (1 cr.)	10	
3. Civics (.5 cr)	11	
4. Economics (.5 cr)	11	
5.		
6.		
Computer Education: 1 credit	Year	Credit
1.		
2.		
Wellness: 2 Credits	Year	Credit
1. Physical Education (1 cr.)	9	
2. Health Education (.5 cr.)	10	
3.		
Financial Literacy: ½ Credit	Year	Credit
1.		

Arts: <i>Standard: ½ Credit</i> <i>Scholars & Distinction: 1 Credit</i>	Year	Credit
1.		
2.		
Career Exploration: ½ Credit	Year	Credit
1. 4-Year Project	9-12	
World Language: <i>Standard: NOT REQUIRED</i> <i>Scholars: 2 Credits</i> <i>Distinction: 3 Credits</i>	Year	Credit
1.		
2.		
3.		
Electives: <i>Standard: 6.5 Credits</i> <i>Scholars: 4.5 Credits</i> <i>Distinction: 6 Credits</i>	Year	Credit
1.		
2.		
3.		
4.		
5.		
6.		
7.		
8.		
9.		
10.		
Community Service	Complete	
Standard: 20 Hours		
Scholars: 35 Hours		
Distinction: 50 Hours		
Total Credits by Year	Credits Earned	
Grade 8/9		
Grade 10		
Grade 11		
Grade 12		
Total:		

Class of 2026 & Beyond: Graduation Honors Tracker

Cum Laude

"Graduating With Distinction"

- 3.5 GPA (after 7 semesters)

GPA Tracker	
Grade/Semester	Cumulative GPA
Grade 9: S1	
Grade 9: S2	
Grade 10: S1	
Grade 10: S2	
Grade 11: S1	
Grade 11: S2	
Grade 12: S1	

Magna Cum Laude

"Graduating with Great Distinction"

- 3.7 GPA (after 7 semesters)
- 4 Honors/AP credits
- At least 2 honors/AP credit in grades 11 / 12

Honors / AP Course	Year	Credit Earned
1.		
2.		
3.		
4.		

Summa Cum Laude

"Graduating with Highest Distinction"

- 3.9 GPA (after 7 semesters)
- 8 Honors/AP credits
- At least 4 honors/AP credits in grades 11 / 12

Honors / AP Course	Year	Credit Earned
5.		
6.		
7.		
8.		

EXTENDED LEARNING OPPORTUNITIES & ALTERNATIVE CREDIT OPTIONS

Extended Learning Opportunities (ELOs) allow students to acquire knowledge and skill through instruction or study outside of the traditional classroom. With the exception of accredited online courses, ELOs require students to meet certain criteria for credit to be awarded and must have a certified teacher serving as the advisor. All ELOs should include the following four components: Research, Reflection, Production, and Presentation. Students will work with the ELO coordinator and their teacher/advisor to identify the proposed learning goal/essential question, course competencies, credits, and the experiences and evidence the student will use to demonstrate competency. A formal plan will be created by the ELO Coordinator. This plan must be signed and approved by all parties involved including the student's parent/guardian and the EHS Principal. If prior approval is not granted, credit will not be awarded. No retroactive credit is awarded for previous learning experiences that were not discussed and approved. ELOs are not used for determining athletic/extracurricular eligibility. Any cost incurred from an ELO is solely the responsibility of the student/parent. Unless otherwise noted, ELOs are graded as pass/fail.

Extended Learning Opportunities can take the form of many different kinds of experiences including, but not limited to, independent study, internships, training/apprentice programs, virtual/online courses, and summer learning opportunities. Students are encouraged to be creative when proposing ELOs and explore all of the options available to them.

OPTIONS FOR REGULAR & ALTERNATIVE HIGH SCHOOL CREDIT

Students at Epping High School have a variety of ways to earn credit. While most credits will be earned via traditional classes, other options exist. Students who are interested in exploring alternative means should begin by seeing their school counselor. Please note that many options require prior approval and should not be undertaken without first ensuring that approval has been granted.

OPTIONS	PROGRAM OF STUDIES
EHS course credit	Grades 9-12 must meet minimum credit requirements (p. 8)
Credit Recovery	Computer-based or teacher-generated learning, offered during the school day for students who have previously not earned credit in a course. Credit recovery is limited to 2 credits per required academic subject (i.e. English, science, math, social studies) over the course of the student's high school career. Upon successful completion of the recovery program, credit is awarded reflecting a basic level of course competency (BC). Enrollment is limited and is approved through the Alternative Program Counselor.
Summer school credit	EMHS summer school follows the same guidelines listed above for <i>Credit Recovery</i> ; or may enroll in other accredited schools' summer programs with prior approval.
Summer activities credit	Principal prior approval required
Middle school credit	Advanced middle school students who take high school courses can earn high school credit for successfully completing the course. The grade earned will be reported on their high school transcript.
Student transfer credit	Subject to meeting state and school graduation requirements, principal approval is required.
College/dual-enrollment credit	Principal prior approval required.
Distance/online learning credit	Principal prior approval required.
Extended learning opportunities	Principal prior approval required

2024-2025 COURSE CATALOG

Not all courses are offered every year.

Courses are selected to run based on teacher availability and student interest.

Course Listing by Department

English

English
English II
English III
English IV
Practical Read/Writing
Honors English IV
College Composition
AP Literature & Composition
AP Language & Composition
Freshman English Tutorial
Sophomore English Tutorial
Intro to Podcasting
Acting 101
Drama Studies
Exploring Publishing
Film Appreciation
Non-Fiction Film Studies
Film Production

Social Studies

US History
World Cultures
Civics
Economics
AP US History
AP European History
Cold War: A Global History
America in the Modern World
Revolutions
Criminology
Psychology
Archeology
American Studies: Pop Culture
Intro to Philosophy
Legal Studies

Science

Biology
Honors Biology
Physical Science
Natural Resources
Chemistry
Anatomy & Physiology
Physics
Intro to Anthropology
Green Technology
Astronomy
AP Chemistry

Mathematics

Pre-Algebra
Algebra IA
Algebra IB
Algebra I
Informal Geometry
Geometry
Honors Geometry
Algebra II Concepts
Algebra II
Honors Algebra II
Pre-Calculus
Honors Pre-Calculus
Survey of Math
Quantitative Reasoning
AP Calculus AB
AP Statistics

Art

Cultural Arts
Jewelry Design
Art in the Community
Ceramics I
Drawing
Painting
Glass Arts
Ceramics II
Digital Photography
Printmaking
Advanced Studio Art

Business & Computer Education

HTML/CSS Coding
Graphic Design & Animation
Computer Essentials
MS Office Applications
Marketing
Social Media Marketing
Sports & Entertainment Marketing
Fashion Marketing
Introduction to Business
Accounting I
Accounting II
Personal Finance
Entrepreneurship
International Business

Family & Consumer Sciences

Food Choices I
Food Choices II
Sewing & Textiles
Child Development

Music

Concert Band
Chorus
Intro Guitar & Ukulele
Music Theory
Digital Music Technology
American Pop Music

Wellness

Physical Education
Team Sports
Team Sports II
Lifetime Activities
Personal Fitness
Health Education
Sports Management
Wilderness First Responder
EMT Training & Certification

Technical Education

Woodworking I
Woodworking II
Computer Aided Drafting
Engineering & Adv Manufact. I
Engineering & Adv Manufact. II

World Languages

French I
Spanish I
French II
Spanish II
French III
Spanish III
French IV Honors
Spanish IV Honors
French IV Honors
Spanish V Honors

Student Services

Fundamentals of English
Fundamentals of Math
High School Reading
ESOL Reading
Life Centered Education

Seacoast School of Technology

See appendix

ART DEPARTMENT

Cultural Arts

½ credit

This course focuses on the different cultures of the world through the arts and handcrafts these cultures produce. Through hands-on experiences, students will discover cross-cultural themes while creating art that has personal meaning and value. A variety of art activities will be explored including drawing, painting, printmaking, fiber arts, sculpture, and mixed-media work.

Drawing

½ credit

In this course, students will learn the technical, observational, and creative skills used to render the observed world on paper. Through a variety of projects, students will be introduced to contour drawing, shading techniques and the basics of color theory in order to improve their drawing ability. Included mediums are graphite, charcoal, conte, ink, pastels, and colored pencil. Students are encouraged to apply these skills in the Painting course or other advanced art offerings.

Jewelry Design

½ credit

This semester-long course will focus on all aspects of wearable art. Through the ongoing study of other cultures, students will be able to connect their experiences to the wider global tradition of crafting and jewelry making. Students will explore various techniques for creating jewelry from metal, stone, clay, glass, and wire. Additionally, other wearable art and domestic crafts such as weaving, felting and batik will be explored.

Art in the Community

½ credit

This course will explore the impact of public artwork within our society. Students will work together to create public displays of art across our school campus and within the Epping community. The collaborative nature of creating art will be emphasized as students develop and implement projects using a variety of media. Interdisciplinary learning opportunities will be provided as students create works of art utilizing themes from other content areas like science, literature or technology.

Ceramics I

½ credit

Working with clay is one of the oldest and most widely practiced forms of art. Along with the historical and cultural context of ceramics, students will learn a variety of techniques for creating both hand-built and wheel-thrown pieces. Students will produce pieces that are constructed through pinch, slab, and coil methods. Wheelwork will also be introduced as skills are developed and refined.

Printmaking

½ credit

This course introduces the student to the full range of printmaking techniques and processes like stenciling, mono-printing, block printing, screen printing, and other image transfer methods. Students will gain historical perspective, incorporate modern technology, and use various media like paper, cloth, and clay.

Glass Arts

½ credit

Glass Arts will provide students with the opportunity to explore stained glass, fused glass, and mosaic arts. Techniques for cutting, grinding, soldering and fusing glass will be learned with an emphasis on personal safety and studio etiquette. Once students have mastered the basics, there will be time for creative exploration of the wide range of artistic opportunities this medium provides. Both functional and decorative pieces will be created that challenge students technically and creatively.

Digital Photography

½ credit

In Digital Photography, students will learn how to use the camera as a tool to make art. After students master the basics of operating a camera, they will be encouraged to develop their photographic techniques through the study of composition, lighting, and other creative effects. Photoshop will be introduced as students learn how to edit, retouch, and manipulate their digital images. Students will create their own portfolio of work throughout the semester as they work to develop their own artistic style. *Students are encouraged to supply their own digital SLR camera.*

Prerequisite: Open to students in grades 11-12 or with instructor approval.

Painting

½ credit

Students will be building upon the techniques and skills developed in Drawing, with an increased focus on color theory and composition. Students will be encouraged to develop their own creative expression through the variety of painting media and styles learned in this course. Included mediums are tempera, watercolor, gouache, acrylic and mixed media. Painting techniques and styles from pre-history to the modern era will be studied to enhance student's own expression and creativity.

Prerequisite: Successful completion of Drawing.

Ceramics II

½ credit

Interested ceramics students are encouraged to continue their study of both hand built and wheel techniques in this advanced pottery course. Emphasis will be placed on the creative exploration of the artistic process, which will allow students to find their own niche in ceramic production. Advanced techniques will be presented to further strengthen technical skills and increase student's knowledge of ceramics. Studio management responsibilities including processing clay, loading the kiln, and assisting with the firing process will also be introduced. *Prerequisite: Successful completion of Ceramics I.*

Advanced Studio Art

½ credit

Advanced Studio Art is a course designed for the serious art student who wants to pursue further education in art. The course will allow individuals to explore and develop specific areas of interest through the creation of a fine art portfolio. Students in Advanced Studio Art will be required to write a portfolio proposal, develop a personally meaningful concentration, and create a collection of work that shows individual expression and an advanced technical proficiency.

Prerequisite: Department head approval required

BUSINESS & COMPUTER DEPARTMENT

Computer Essentials

½ credit

The Computer Essentials course provides the fundamental knowledge and skills necessary for understanding and using web tools effectively. Students will learn how to use current browser-based applications more efficiently and will be exposed to other web-based tools that can make the general computing experience more productive and interactive. Topics typically include browser-based applications, operating systems, file management, internet basics, and essential troubleshooting skills. Students learn practical skills to navigate and utilize computer systems for everyday tasks, fostering digital wellness and competence. *This course meets a Computer graduation requirement.*

HTML/CSS Coding

½ credit

In this course, the student will be introduced to Web page design. Initially, students will learn the history of the Internet, proper use and navigation tools on the Internet, and then complete a series of projects using HTML & CSS code to create Web pages. The goal of the class is to enable students to develop the skills to enhance their productivity in the classroom and workplace. *This course meets a Computer graduation requirement.*

Graphic Design & Animation

½ credit

In this course students will engage in website design, digital video production, photography, and animation. This course allows students to create characterization and movement as well as creativity and basic photography editing skills. Students create characters and modify vector graphics to create action; they also design landscapes and create storyboards. Through this computer graphics course, students may learn to create short animations, professionally edit photos and designs, and manipulate videos. *This course meets a Computer graduation requirement.*

MS Office Applications

½ credit

Equip yourself with essential computer skills through our Microsoft Office Certification Prep course. Dive into the core applications of the Microsoft Office suite—Word, Excel, PowerPoint, and Outlook—developing proficiency that is not only valuable for personal productivity but also recognized in professional and higher education settings. From document creation and data analysis to impactful presentations and efficient email management, this course guides you through hands-on exercises and practical scenarios to prepare you for the Microsoft Office Certification exam. At the end of the course, students have the opportunity to sit for the Certiport Microsoft Office Specialist certification exam. *This course meets a Computer graduation requirement.*

Intro to Business

½ credit

In this project based learning class, students will explore the fundamental principles of the business world in Introduction to Business. This dynamic course provides high school students with a comprehensive overview of key concepts, including business structures, entrepreneurship, marketing, financial literacy, ethics, and technology. Engage in real-world case studies, develop practical skills, and gain insights into the dynamic landscape of modern business. Whether you aspire to be an entrepreneur or simply want to understand how businesses operate, this course sets the foundation for future success. Join us for an exciting journey into the world of business!

Personal Finance

½ credit

Math Exp.

Financial literacy is essential in meeting the financial opportunities and challenges of Gen Z. Students will learn through a series of hands-on projects how to analyze their personal financial decisions, evaluate the costs and benefits of their decisions, recognize their rights and responsibilities as consumers, and apply the knowledge learned in school to financial situations encountered later in life. The course presents essential knowledge and skills to make informed decisions about real world financial issues. Students will learn to apply decision-making skills to evaluate post secondary school and career choices and set personal goals. The course content is designed to help the learner make wise spending, saving, and credit decisions and to make effective use of income to achieve personal financial success.

Grades 11 & 12 only. This course meets the Financial Literacy graduation requirement.

Marketing

½ credit

Marketing introduces students to marketing concepts, functions, and institutions. The course will cover the conduct and management of activities related to the marketing of goods and services. Students will receive an overview of marketing strategies, market segmentation, consumer behavior, advertising and promotion, channels of distribution, marketing institutions, and legal and economic issues. Additionally, students will work on various projects promoting and marketing school activities and products.

Social Media Marketing

½ credit

Unleash the power of social media in our Social Media Marketing class. Dive into the dynamic realm of digital marketing, where you'll explore the strategies and tactics essential for effective online brand promotion. From creating engaging content to analyzing social media metrics, this course equips students with the skills needed to navigate and thrive in the ever-evolving landscape of social media. Join us to harness the influence of platforms like TikTok, YouTube, IG, Facebook and X and learn how to craft compelling campaigns that captivate audiences. At the end of this course, students will have the opportunity to test and earn a Social Media Marketing Certification through Stukent Business Courseware.

Fashion Marketing

½ credit

Fashion Marketing is a comprehensive course designed to provide students with an in-depth understanding of the dynamic and evolving field of fashion marketing. This course delves into the intersection of marketing principles and the ever-changing fashion industry, emphasizing the strategies and techniques essential for success in this competitive field.

Students will explore the fundamental concepts of marketing, applied specifically to the fashion sector. The curriculum integrates theoretical foundations with practical applications, offering insights into consumer behavior, brand management, retail strategies, and the latest trends in the global fashion market.

Sports and Entertainment Marketing

½ credit

Whether you are watching your favorite athlete compete or witnessing a sensational singing performance, the world of sports and entertainment is never boring. The Sports and Entertainment Marketing field offers careers that combine entertainment with traditional marketing, but with a whole

lot more glamor. Explore basic marketing principles while delving deeper into the multibillion-dollar sports and entertainment industry. Learn how professional athletes, sports teams, and famous entertainers are marketed as commodities and how the companies and people behind these professionals handle deals and become successful. This course will show you exactly how things work behind the scenes of a major entertainment event and how the marketing behind it all is a big part of the act.

Entrepreneurship

½ credit

How do you turn an idea into a business? Experience just that in this course! Entrepreneurship focuses on recognizing a business opportunity, starting a business, operating and maintaining a business. Students will be exposed to the development of critical thinking, problem solving, and innovation in this course as they will either be the business owner or individuals working in a competitive job market in the future. Integration of accounting, finance, marketing, business management, legal and economic environments will be developed throughout projects in this course.

Accounting I

½ credit

Math Exp.

Using a project based learning approach to math, students will learn the general accounting principles used in business. Students will learn how to prepare T-accounts, journal entries, balance sheets, income statements and statements of cash-flow. Whether you aspire to pursue a career in finance, entrepreneurship, or simply want to enhance your financial literacy, Accounting I lays the groundwork for a solid understanding of the financial structures that drive business decisions. Join us on a journey to unravel the world of numbers and gain skills that are applicable across various industries.

Accounting II

½ credit

Math Exp.

This advanced-course expands on the topics learned in Accounting I, while adding new topics about management accounting, cost accounting, not-for-profit accounting, and financial analysis. The study of the second semester of accounting helps qualify students for jobs and careers as a professional bookkeeper. It also provides an excellent background and preparation for college business and accounting courses and business majors. At the end of Accounting II, students will have covered the material necessary to take the Intuit Certified Bookkeeping Professional Certification Exam. This certification is a valuable resume builder for those students who wish to pursue business employment right out of high school. Intuit certifications also help to create a robust college application for those students pursuing post secondary education.

International Business

½ credit

Embark on a global journey with our International Business class designed for high school students seeking a deeper understanding of the interconnected world of commerce. This course introduces the fundamental concepts and practices that drive international trade, exploring topics such as global markets, cultural considerations, trade policies, and the impact of technology on international business. Through engaging discussions, case studies, and interactive projects, students will gain insight into the complexities of conducting business across borders. Join us in the International Business class and cultivate the skills and knowledge necessary to thrive in the interconnected world of international commerce.

ENGLISH DEPARTMENT

English I

1 credit

NH Scholars English

During this year-long course, students will read a variety of literature from short stories to Shakespeare's *A Midsummer Night's Dream* and work to answer the essential question: Why do we read? The emphasis of this year is to develop skills in the English competencies (reading, writing, speaking & listening, and research & inquiry). Students will build a skill set from which they will draw throughout their time in high school. These skills include various types of academic writing, research, public speaking in presentations and collaborative discussions, and reading a range and variety of texts. *Honors Option available*

English II

1 credit

NH Scholars English

This course focuses on the study and analysis of nonfiction texts and nonfiction composition. Students will delve more deeply into areas explored in English I, as well as cover new territory such as narrative writing, journalism, and media literacy.

Honors Option available

Prerequisite: Successful completion of English I or equivalent.

English III

1 credit

NH Scholars English

This course emphasizes creative and analytical writing for a college preparatory survey of American literature. The literature whole language approach integrates literature, writing, mechanics, and vocabulary. Evaluation of mastery is based on formative and summative work which includes: homework, quizzes, essays, creative writing, and independent projects. There will be units on Native American literature, colonial literature, romanticism, transcendentalism, realism, African-American literature, and modernism, utilizing a variety of short stories, plays, poems, and essays, with special attention paid to New England writers, from Puritan writing to the contemporary novel, *A Prayer for Owen Meany* (Irving). Specific focus will be the development of college standard writing, thesis exposition, and college application essays.

Honors Option available

Prerequisite: Successful completion of English II or equivalent.

English IV

1 credit

NH Scholars English

This college-prep class provides students with the opportunity to develop reading, writing, research, and speaking skills necessary to be successful in college. As such, students can expect frequent reading and writing assignments. Students will read and discuss a variety of literary works ranging from the 15th century to today. Writing assignments will focus on the types of academic writing students are likely to find in college, including a formal argumentative research essay.

Prerequisite: Successful completion of English III or equivalent.

Practical Reading & Writing

1 credit

This course will focus on how we use literacy skills every day. Students will develop practical literacy skills by conducting a job shadow project, preparing for a job interview, and practicing critical reading of news sources. From technical reading and writing to job applications, students will hone their literacy skills to prepare for their lives after Epping High School.

Prerequisite: Successful completion of English III or equivalent.

Honors English IV

½ credit

NH Scholars English

An accelerated course in which students examine and analyze literature from various time periods and from around the world. Students enrolled in this course should be highly motivated and committed to reading and analyzing literature at a high school and college level. Through the use of Socratic Seminar and literary analysis essays, students will explore the craft of literature, including the use of literary elements and the development of theme in a text. This semester 1 course requires the completion of some summer work, including reading and writing assignments, and is an excellent choice to take prior to enrolling in College Composition.

Prerequisite: Successful completion of English III or equivalent.

College Composition

½ credit

NH Scholars English

College Composition is one of Epping High School's dual-enrollment courses. It can be taken in the 2nd semester of senior year after the successful completion of Honors English IV or the equivalent. Through this course, students may receive credit from Great Bay Community College, which can be transferred to numerous colleges and universities. In this course students learn to write clearly and effectively for defined audiences through a variety of strategies. Emphasis is on the writing process, from drafting through pre-writing, revision, and editing. This course places reading at the core of the writing curriculum by including interaction with reading selections as the vehicle for idea development, analytical and interpretive skill, and research, and to serve as writing models.

Prerequisite: Successful completion of Honors English IV or equivalent.

AP English Literature and Composition

1 credit

NH Scholars English

This class is offered every other year, opposite of AP English Language, on "even" school years (2024-2025, 2026-2027...)

AP English Literature and Composition is a rigorous course designed to challenge motivated juniors and seniors. It is an introductory college-level literary analysis course. Students cultivate their understanding of literature through reading and analyzing texts as they explore concepts like character, setting, structure, perspective, figurative language, and literary analysis in the context of literary works. Students in this course can expect nightly homework as well as required summer work that must be completed to continue in the course. Students who take this course will take the Advanced Placement Exam in the spring. It is possible for the student to earn college credit or to be exempted from a college requirement if a high enough score is achieved.

Prerequisite: Successful completion of English II or equivalent and department head approval.

AP English Language and Composition

1 credit

NH Scholars English

This class is offered every other year in "odd" school years (2025-2026, 2027-2028...)

AP Language and Composition is a course that focuses upon developing the highest level of reading and writing skills in highly motivated junior and senior students. This is an introductory college-level composition course. Students cultivate their understanding of writing and rhetorical arguments through reading, analyzing, and writing texts as they explore topics like: rhetorical situation, claims and evidence, reasoning and organization, and style. Students can expect nightly homework assignments as well as required summer work that must be completed to continue in the class. Students who take this course will take the Advanced Placement Exam in the spring. It is possible for the student to earn college credit or to be exempted from a college requirement if a high enough score is achieved.

Prerequisite: Successful completion of English II or equivalent and department head approval.

ENGLISH ELECTIVES

The following courses are electives offered by the English department, these courses do not count towards the 4 credits of required English.

Freshman English Tutorial

1 credit

In this class, students receive additional class time and support to complete English I assignments as well as supplemental instruction in vocabulary, comprehension strategies, and writing skills. This class is designed to help students build a strong foundation for success in future high school English courses. This course is graded as Pass/Fail. *This course is an elective credit, it does not meet the English graduation requirement.*

Sophomore English Tutorial

1 credit

In this class, students receive additional class time and support to complete English II assignments as well as supplemental instruction building on the skills practiced in the Freshman English Tutorial. This class is designed to reinforce the strong foundation necessary for success in future high school courses. This course is graded as Pass/Fail. *This course is an elective credit, it does not meet the English graduation requirement.*

Film Appreciation

½ credit

This course will focus on using film to cultivate and enhance students' critical thinking, analysis, and interpretation skills. When we consider the evolution of technology and how it pervades American culture, film serves as an effective medium by which to practice these skills. Students will view a number of films throughout the course and respond to them in many different formats: analysis essays, film reviews, and small and large group discussions. *This course is an elective credit, it does not meet the English graduation requirement.*

Non-Fiction Film Studies

½ credit

This course will focus on using documentary films to cultivate and enhance students' critical thinking, analysis, and interpretation skills. When we consider the evolution of technology and how it pervades American culture, film serves as an effective medium by which to practice these skills. Students will view a number of non fiction films throughout the course and respond to them in many different formats: analysis essays, film reviews, and small and large group discussion. *This course is an elective credit, it does not meet the English graduation requirement.*

Prerequisite: Successful completion of English II

Podcasting: Audio Storytelling

½ credit

Students will explore audio storytelling by listening to, reviewing, and creating podcasts. They will learn the components of podcast production including interviewing, story development, voice, podcast script writing, interview techniques, digital audio recording, and editing of sound. No experience with recording or podcasting is necessary. *This course is an elective credit, it does not meet the English graduation requirement.*

Exploring Publishing

½ credit

Students will complete a variety of in-class and outside reporting assignments in a journalistic style for submission to the student newspaper while also learning to submit creative writing to a variety of literary journals and contests. This course may be repeated for credit with instructor approval. *This course is an elective credit, it does not meet the English graduation requirement.*

Acting 101

½ credit

Students will build their skills in acting including auditioning, improvising, listening, memorizing, script reading, and performing. Topics such as miming, puppetry, and dialects will be covered as well. Expect to participate in every class and exercise your acting muscles with creative activities. All levels of skill are welcome - just come with an open mind and a willingness to participate! *This course is an elective credit, it does not meet the English graduation requirement.*

Drama Studies

½ credit

Students will build acting skills and their understanding of drama by analyzing, discussing, and performing scripts from a variety of time periods and cultures. The class will focus on participation and students will be expected to engage in acting exercises, games, improv, and scene work to help them develop their physical, emotional, and vocal expression. This class is meant to be an additional challenge for students who have already taken Introduction to Acting, but that prerequisite is not required. *This course is an elective credit, it does not meet the English graduation requirement.*

Film Production

½ credit

Students will experience the creative process of movie production from pitching ideas, budgeting, scripting, and ultimately the collaborative production of a short film. *This course is an elective credit, it does not meet the English graduation requirement.*

FAMILY AND CONSUMER SCIENCE DEPARTMENT

Food Choices

½ credit

Students will be introduced to basic nutrition, safety, sanitation, health and food preparation. These concepts and skills will help students make better life time food choices. Skills and principles of food preparation will be emphasized in a laboratory setting. Students will be assessed in laboratory activities, classwork, tests, and projects.

Sewing & Textiles

½ credit

This beginning level course introduces students to the world of textile & clothing design and construction. Areas of study include basic sewing equipment, the use and care of the sewing machine, hand sewing, garment construction, care and maintenance. Emphasis is placed on basic sewing techniques and will apply reading, measuring, calculating, and problem-solving skills to create garments from commercial patterns.

Food Choices II

½ credit

Students will develop additional skills and concepts related to nutrition, health, safety, and advanced cooking techniques as they participate in laboratory activities. There will be an emphasis on meal planning and preparation with activities focusing on international food and meals. Students will be assessed in laboratory activities, classwork, tests, and projects.

Prerequisite: Successful completion of Food Choices. Meets the additional Wellness requirement.

Child Development

½ credit

What do you really know about having children? In this course we will learn about the reproductive system, family planning, prenatal care and development, birth defects, the birth process, teen pregnancy, and theorists of child development. You will learn the physical, social, intellectual, moral and cultural development of infants, toddler, preschoolers, and school aged children. In this course they will participate in the Real Care Baby experience.

Prerequisite: Successful completion of Biology. Meets the additional Wellness requirement.

MATHEMATICS DEPARTMENT

Pre-Algebra

1 credit

In Pre-Algebra, you will learn about and explore topics including integers, order of operations, algebraic expressions, one and two-step equations, proportions, percents, probability, geometry, and linear equations. These skills learned will serve as the basic foundation of supporting your mathematics learning throughout high school.

Algebra IA

1 credit

Throughout this course students will develop problem solving strategies in order to think critically. Topics to be covered include a thorough review of pre-algebra skills, descriptive statistics, solving equations and inequalities, ratios, proportions, graphing and writing linear functions, and modeling linear relationships and applications. This course is designed for students who require extra support with mathematical concepts. Students who take this course will move on to Algebra IB to complete the state requirement for Algebra.

Algebra IB

1 credit

Throughout this course students will develop problem solving strategies in order to think critically. Topics to be covered include a thorough review of Algebra IA skills, solving systems of equations, operations on polynomials, solving exponential and quadratic equations, and graphing exponential and quadratic functions.

Prerequisite: Successful completion of Algebra IA.

Algebra I

1 credit

NH Scholars Math

Throughout this college-prep math course, students will develop problem solving strategies in order to think critically. Topics covered include solving linear equations and inequalities, writing and graphing linear functions and inequalities, application of rates and ratios, solving systems of equations, operations on polynomials, solving exponential and quadratic equations and graphing exponential and quadratic functions.

Informal Geometry

1 credit

The goal of this course is to introduce students to the concepts of geometry without the formal proof process. Topics include: measurement of length, angles, perimeter, area, volume, classifying polygons, proving and applying congruence, parallel lines, Pythagorean theorem, similarity, proportionality, right triangle trigonometry applications, and inductive reasoning.

Prerequisite: Successful completion of Algebra I or equivalent.

Geometry

1 credit

NH Scholars Math

The goals of this college-prep course are to prepare students for further study in mathematics and to increase their problem-solving skills. The major topics that will be covered include: pattern recognition, inductive/deductive reasoning, classifying triangles, proofs, coordinate geometry, parallel lines, and triangle congruence. Semester two is a continuation of the semester one course and includes the following topics: area and volume of two- and three-dimensional objects, symmetry and translations, similarity and proportionality, right triangles, and circles.

Prerequisite: Successful completion of Algebra I.

Honors Geometry

1 credit

NH Scholars Math

Honors Geometry is an intensive, accelerated course intended to prepare students for advanced mathematics courses. Topics that will be covered include: pattern recognition, inductive/deductive reasoning, parallel lines, triangle congruence, area and volume of 2D and 3D objects, symmetry and translations, similarity and proportionality, right triangle, and circles. Honors Geometry will include a deep exploration into proof and coordinate geometry.

Prerequisite: Successful completion of Algebra I and department head recommendation.

Algebra II Concepts

1 credit

Algebra II Concepts is designed for students who wish to take an Algebra II course at a non-college prep level. The class will begin with a review of Algebra I fundamentals, and then continue with linear equations and functions, inequalities, quadratic equations and functions, polynomials, rational expression, powers, roots, radicals, fractional exponents, and exponential and logarithmic functions. Student's progress will be measured through formative assignments and summative projects, tests and quizzes.

Prerequisite: Successful completion of Algebra I, Geometry, or equivalents.

Algebra II

1 credit

NH Scholars Math

Algebra II is a college-prep course that provides a review and extension of the concepts taught in Algebra I. Mathematical modeling and application will be present throughout the course. Topics that will be covered include linear, quadratic, radical, polynomial, exponential, logarithmic, and rational equations and functions.

Prerequisite: Successful completion of Algebra I and Geometry.

Honors Algebra II

1 credit

NH Scholars Math

Honors Algebra II is an intensive, accelerated course intended to prepare students for advanced mathematics courses. A quick review of linear equations, functions, and inequalities will be followed by quadratic, radical, polynomial, exponential, logarithmic, rational, and trigonometric equations and functions.

Prerequisite: Successful completion of Algebra I, Geometry, and department head recommendation.

Pre-Calculus

1 credit

NH Scholars Math

This course is designed to provide a comprehensive study of functions, which are the basis of calculus and other higher mathematics courses. The students will study the properties and graphs of trigonometric, polynomial, rational, inverse, exponential and logarithmic functions. Time permitting, the students will explore inequalities, polar coordinates, complex numbers, conic sections, vectors, sequences, and series. This course is one of Epping High School's Dual-Enrollment courses; students can earn college credit from Great Bay Community College for successful completion of this course.

Prerequisite: Successful completion of Algebra II

Honors Pre-Calculus

1 credit

NH Scholars Math

Honors Pre-Calculus is an intensive, accelerated course intended to prepare students for Advanced Placement Calculus and other advanced mathematics courses. Topics include linear, quadratic, polynomial and trigonometric functions, limits, differentiation and its applications as well as integration and its applications. Students will be evaluated primarily on summative test and quiz grades. This course is one of Epping High School's Dual-Enrollment courses; students can earn college credit from Great Bay Community College for successful completion of this course.

Prerequisite: Successful completion of Honors Algebra II and department head recommendation.

Survey of Math

½ credit

This semester-long course for seniors reviews the fundamentals of algebra and geometry and their real world applications.

Prerequisite: Successful completion of Geometry

Quantitative Reasoning

1 credit

NH Scholars Math

This course focuses on quantitative thinking and methods with real world applications. Some topics covered are algebraic expressions with applications, graphing and modeling linear, quadratic, polynomial, exponential and logarithmic equations, systems of linear equations and linear programming, simple and compound interest, annuities, probability and measures of central tendency of a data distribution. This course is one of Epping High School's Dual-Enrollment courses; students can earn college credit from Great Bay Community College for successful completion of this course.

Prerequisite: Successful completion of Algebra II

Advanced Placement Calculus AB

1 credit

NH Scholars Math

This is a full year college level introductory course in Calculus. The topics covered prepare students who have already studied college preparatory mathematics to perform acceptably on a college level. Students who take AP Calculus will take the Advanced Placement Exam in the spring. It is possible for them to earn college credit or to be exempted from a college requirement if a high enough score is achieved. *Prerequisite: Successful completion of Precalculus and department head recommendation*

Advanced Placement Statistics

1 credit

NH Scholars Math

The purpose of the advanced placement course in Statistics is to introduce students to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. Students will be able to explore data using graphical and numerical techniques to study patterns and identify departures from patterns. They will also collect data according to a well-developed experimental design when a valid conjecture is to be obtained. The second half of the course focuses on selecting appropriate models for statistical inference. The use of probability as a tool is taught throughout the course. A TI-83 calculator is required. Students who take AP Statistics will take the Advanced Placement Exam in the spring. It is possible for them to earn college credit or to be exempted from a college requirement if a high enough score is achieved.

Prerequisite: Concurrent or prior enrollment in Precalculus and department head recommendation

MUSIC DEPARTMENT

All music courses meet the Arts graduation requirement as well as the Arts requirement for the NH Scholars Art award

Concert Band

1 credit

The Concert Band welcomes all high school students that play a wind or percussion instrument. The band will concentrate on the performance of high quality concert band literature. All scheduled performances are a required element of this course. Dedication to improvement of skills and musical knowledge is essential to participate in the concert band. Students will be expected to perform assignments regularly with emphasis on rhythm reading and producing an appropriate tone. Individual practice outside of rehearsal is required. Any student with little or no experience is welcome. Please see the band director to get started on an instrument during the summer. *An honors option is available and must be planned with the instructor at the beginning of the school year.*

Chorus

1 credit

The High School Chorus is a performing ensemble of students who want to sing and have fun! Vocal technique, music reading, rehearsal techniques and performance discipline are developed in depth as members prepare for a variety of performances and festivals throughout the year. Interested students must be able to match pitch, be committed to quality results and possess a willingness to try new things.

Intro to Guitar & Ukulele

½ credit

Intro to Guitar & Ukulele provides an introduction to the musical understanding and skills needed to effectively play the stringed instruments. Students will review introductory concepts learned in middle school music and dive deeper into areas such as chords, strumming patterns, tablature, scales, ensembles, standard notations, and music theory. Students will explore music that is of the Western Classical tradition as well as Pop, Rock, Rhythm and Blues, and Contemporary. Students enrolled in this course may use their own instruments or a school-provided beginner instrument.

Music Theory

½ credit

This course is designed to introduce the serious-minded musician to the basic fundamentals of music and the complexities of analyzing musical elements and structures. Participants in this course must be able to read and understand music notation at an intermediate level. Students will learn to identify key signatures, define intervals, build and identify chord structures, take melodic, rhythmic, and harmonic dictation, develop keyboard familiarity, sight-sing musical notation, and develop musical vocabulary. In addition, students will construct major and minor scales, analyze form, and study tonality and modality. Through the study of elementary harmony, students will analyze and compose four-part harmonization of melodies, using primary and secondary chords, and will progress through learning how to compose music of their own.

Digital Music Technology***½ credit***

This course is designed to introduce students to digital music creation through the use of the Digital Audio Workstation SoundTrap. Students will learn to create their own music using both the software and hardware provided. Projects will include exploration of audio effects, MIDI keyboards, and Foley sound effects. Students will also dive into the importance of music in a variety of media, such as film, video games, and podcasts, as well as how to analyze and write music for these entertainment sources. This is a heavily project-based course requiring critical listening, self direction, innovation, and collaboration.

American Pop Music***½ credit***

In this course students listen to, discuss and analyze various popular musical styles and many musicians that have been popular in the United States from 1900 to the present. Students will study blues, hot jazz, swing, be-bop, cool jazz, musical theater, folk, rock and roll, as well as current popular music forms.

PHYSICAL EDUCATION & HEALTH DEPARTMENT

Physical Education

1 credit

Required Wellness course, recommended Grade 9

This course will introduce the student to the importance of physical activity as a component of a very healthy lifestyle. Students will study and understand the components of a healthy lifestyle and will be encouraged to apply the concepts to their own personal lifestyles. Students will participate in various games and activities that help encourage a physically active lifestyle.

Health Education

½ credit

Required Wellness course, recommended Grade 10

This course is a survey of Health concepts that are in line with the National Health Education Guidelines. The curriculum is written following the New Hampshire Health Education Curriculum Guidelines. The course focuses on coaching students in the exploration of health concepts relating to risk and wellness behaviors. The course also analyzes decision making and the effects these decisions have on health promotion and disease prevention throughout life. The students are encouraged to take personal responsibility for becoming health literate consumers.

Personal Fitness

½ credit

Personal Fitness is an introductory course to basic lifelong fitness. Throughout this course you will learn the foundation of the Fitness and Skill Components of movement and how to personally apply them in more depth. Personal Fitness will explore four main types of exercise (aerobic, strength, flexibility and balance) by trying workouts such as but not limited to yoga, foam rolling, resistance training, HIIT workouts, crossfit style workouts, games and more.

Prerequisite: Successful completion of Physical Education. This course meets the additional Wellness requirement for the Class of 2026+.

Lifetime Activities

½ credit

In this course students will focus on learning about and participating in games/activities that are considered to be Lifetime Sports. Lifetime sports are sports that people can play for the duration of their adult life. Games/activities that will be focused on in this class are; Cornhole, Spikeball, Bocce Ball, Badminton, Pickleball, Disc Golf, and others. This class will cover what fitness for an adult who wishes to maintain personal fitness should look like, and we will practice these methods within the class.

Prerequisite: Successful completion of Physical Education. This course meets the additional Wellness requirement for the Class of 2026+.

Team Sports

½ credit

Emphasis in this course will be placed upon various rules and skills in team games such as but not limited to soccer, flag football, team handball, volleyball, basketball, ultimate and other team sports. Focus will include designing lead up drills and games as well as competition through round robin and tournament play. In addition, fitness principles, traditional and nontraditional activities will be incorporated throughout the semester. This course will also provide the opportunity for students to

design, teach and play a new game that they create with any available materials under the direction of the Physical Education teacher.

Prerequisite: Successful completion of Physical Education. This course meets the additional Wellness requirement for the Class of 2026+.

Team Sports II

½ credit

Students in Team Sports II will be placed into the Team Sports class but will engage in additional activities to develop their teamwork and leadership skills. Building on the rules and skills learned in Team Sports, students will increase their awareness of strategy, technique, and safety in various sports. Students will research, design, and lead activities for the class under the direction of the teacher. Students electing to take Team Sports II should be prepared to take an active role in classroom leadership in addition to participating in all games and activities.

Prerequisite: Successful completion of Team Sports. This course meets the additional Wellness requirement for the Class of 2026+.

Wilderness First Responder

½ credit

Wilderness First Responder course is the standard for ski patrollers, camp counselors, trail crews, outdoor leaders, guides, outdoor educators, and anyone who plans to be far off the beaten path, for long periods of time. The WFR offers a comprehensive understanding of how to handle injury and illness in remote settings while focusing on the types of problems that are most common. The course is taught under the recommended curriculum guidelines of the Wilderness Medical Society following the new National EMS Education Standards. The course finishes with both practical and written exams, allowing the student to earn their Wilderness First Responder Certification if they have reached the age of 16 prior to completion of the course.

This course meets the additional Wellness requirement for the Class of 2026+.

EMT Training & Certification

Credit TBD

The Epping High School EMT Program is for individuals interested in becoming certified as a Nationally Registered Emergency Medical Technician (EMT). This course will prepare you to respond to emergencies and provide stabilization, on-scene treatment, and ambulance transport of ill or injured patients. The components that make up the class include pathophysiology, airway management, patient assessment, care of medical and traumatic emergencies, bloodborne pathogens protection, patient extrication and transport, HazMat response, and incident command.

***Students must be 17 upon completion of the EMT course in order to sit for both the NH State Practical Exam and the National Computer Based Exam (NREMT). If a student is 17 yrs, licensure is granted upon their 18th birthday. Regardless of age, all requirements of course must be completed, and both exams passed, in order to earn licensure.*

This course meets the additional Wellness requirement for the Class of 2026+.

Sports Management

½ credit

This course covers the effective management strategies, knowledge, and responsibilities associated with sports-related careers. Students examine the fundamental components of sports management, including event and facility management, marketing, budgeting, fundraising, leadership principles, communication skills, ethics, sport law, and motivation. Students will also explore career options in the sports industry and the unique skill sets they require.

SCIENCE DEPARTMENT

Biology

1 credit

Required course, recommended Grade 9

NH Scholars Science

The first semester focuses on an in-depth study of cellular processes, genetics, evolution, and the scientific method. The second semester covers classification of organisms, ecology, and an extensive look into each of the Kingdoms of Life. Themes and concepts will reappear throughout the course. There is a strong focus on laboratory procedure and safety during both semesters. Students are required to keep a scientific binder for this course.

Honors Biology

1 credit

NH Scholars Science

The Honors Biology course covers content parallel to the standard Biology course, however students work with each concept at greater depth. Academic rigor and pace of learning is increased and designed for the serious science student. Students will be required to collect, analyze, support and present experimental findings to appropriate audiences following STEM practices. There is a strong focus on reading and analyzing scientific text as well as collaboration on multi-step investigations. Independent research and experimental design are important components of this course. Students are expected to keep current and engage in discussion on topics dealing with bioethics. Course topics of study include: Characteristics of Life, Scientific Method, Cell Biology, DNA and Protein Synthesis, Genetics, Taxonomy, Evolution, Microbiology, and Bioethics.

Prerequisite: Teacher recommendation

Physical Science

Required course, recommended Grade 10

1 credit

The first semester of Physical Science will focus on introductory chemistry concepts. The core topics include scientific method, states of matter, atomic models and the periodic table, chemical reactions, acids and bases. The second semester will focus on introductory chemistry concepts, but will include coverage of earth science and astronomy concepts. Core topics include the scientific method, measurement, motion and forces, heat and phase changes, and waves and magnetism. Additionally, we will cover Earth's geologic cycles and theories for the creation of the solar system. *Honors Option available*

Natural Resources

1 credit

In this course students will study the many aspects of Earth science and ecology. The majority of the first semester will be spent studying the formation of rocks and minerals, the architecture of the earth, and ocean and atmospheric interactions. Second semester will include ecosystem dynamics, climate change, diminishing and alternative fuel sources, and exotic species case-study.

Prerequisite: Successful completion of Physical Science

Chemistry

1 credit

Math Exp.

NH Scholars Science

Chemistry is the central science; the fundamental concepts of chemistry provide a foundation from which the other sciences are understood. Chemistry is also a college preparatory course intended to help students academically prepare for college. Along with the fundamental concepts of general chemistry, problem solving skills and critical thinking skills will be taught. The laboratory component of the course is designed to engage the student in learning chemistry concepts by doing chemistry. Topics covered in this course include: atomic structure, the periodic table, stoichiometry, acids and bases, chemical reactions and applications of chemistry. *Honors Option available*

Prerequisites: Successful completion of Physical Science and concurrent enrollment in Algebra II.

Anatomy and Physiology

1 credit

NH Scholars Science

The anatomy and physiology course is a yearlong science program that will relate structure and function to provide an integrated view of how the human body works. Emphasis will be placed on the integration of systems as they relate to normal health. Laboratory exercises provide firsthand experience with the structures and processes being studied. The areas covered will include medical terminology, basic chemistry, cell and tissue structure, and the eleven systems of the human body (integumentary, skeletal, muscular, nervous, endocrine, circulatory, lymphatic, digestive, respiratory, urinary and reproductive). *Honors Option available*

Prerequisite: Successful completion of Biology.

Green Technology

½ credit

This course provides an introduction to energy systems and renewable energy resources, with a scientific examination of the energy field with an emphasis on alternative energy sources and their application. Students will learn and apply scientific principles in the areas of green chemistry, alternative energy, materials innovation, materials substitution, and energy efficiency. Topics include the study of alternative energy (geothermal, wind, solar, biomass [conversions], fission, and fusion), alternative fuels, toxic source reduction, and sustainable energy-efficient architecture and building technology. This course will be research and project based.

Prerequisite: Successful completion of Physical Science.

Astronomy

½ credit

Astronomy is the scientific study of all components in the known universe. This course will cover topics including, but not limited to, the history of astronomy; the solar system; types of celestial bodies; composition of planets, stars, and nebulae; the electromagnetic spectrum; and the basics of the Big Bang theory. Students taking this class should expect to come out with better knowledge of the makeup of our universe and what is really going on when they gaze out into the night sky.

Prerequisite: Successful completion of Physical Science.

Intro to Anthropology

½ credit

In this introductory survey course, we will explore the scientific evidence for biological and cultural evolution of humankind. From understanding the use of symbols in language to detailing why humans have different skin tones, we will use scientific theories and evidence to explain the great diversity of mankind. We will cover all four major subfields of anthropology (archaeology, biological, linguistic, and sociocultural) in this exciting, semester-long course.

Physics

1 credit

Math Exp.

NH Scholars Science

Physics is a fundamental science that studies how matter and energy interact, and it provides a foundation from which the other sciences are understood. This course in physics is a college preparatory course intended to help students academically prepare for college. Along with the fundamental concepts of general physics, problem solving skills and critical thinking skills will be taught. Topics covered in this course include: mechanics, heat, sound, light, electricity & magnetism, atomic & nuclear physics and relativity. *Honors Option available*

Prerequisite: Successful completion of, or concurrent enrollment in Algebra II and successful completion of Physical Science.

AP Chemistry

1 credit

Math Exp.

NH Scholars Science

AP Chemistry is equivalent to a college freshman chemistry course designed for chemistry majors. This course is geared toward highly motivated students with interests in chemical and physical sciences. For some students, this course enables them to undertake, in their first year, second-year work in the chemistry sequence at their institution or to register in courses in other fields where general chemistry is a prerequisite. For other students, the AP Chemistry course fulfills the laboratory science requirement and frees time for other courses. AP Chemistry builds on concepts covered in Chemistry, using greater detail in concept exploration and laboratory investigation. This course prepares students to take the AP Chemistry exam. AP Chemistry topics include atomic theory, chemical bonding, phases of matter, solutions, types of reactions, equilibrium, reaction kinetics, and thermodynamics.

Prerequisite: Successful completion of Chemistry and Algebra II.

SOCIAL STUDIES DEPARTMENT

US History

1 credit

Required course, recommended Grade 9

NH Scholars Social Studies

Modern U.S. History is a year-long course designed for high school freshmen. Over the course of this year, we will cover the major events and themes of U.S. History from the Lincoln assassination and Reconstruction, to the end of WWII, civil rights, and the start of the Cold War. You will be required to analyze historical texts, consider a multitude of perspectives, develop your understanding of our nation's history, and express your viewpoint through written, visual, and verbal mediums. *Honors Option available.*

World Cultures

1 credit

Required course, recommended Grade 10

NH Scholars Social Studies

This required course will provide students with an understanding of the interdependence of the cultural, economic, geographic, religious and political factors that have shaped developed and developing nations in the world. Students will further explore how the interaction of these countries today affects human rights. Proof that the class competencies have been met will be demonstrated by successfully completing reading assignments; participating in class discussions, using research skills, completing projects and passing summative tests and quizzes. *Honors Option available.*

Civics

½ credit

Required course, recommended Grade 11

NH Scholars Social Studies

How can I be an informed and engaged citizen? This required course is designed to help equip students with the knowledge and skills to make a positive impact on their community and the world. Civics explores the foundations of American democracy, founding documents including the Constitution and Bill of Rights, voting and elections, the three branches of government, and how our civil liberties are defined by the Supreme Court. Students will demonstrate competency through written responses, evidence-based reflections, and projects. Skills of clear communication and critical thinking will be developed. *Honors Option available.*

Economics

½ credit

Required course, recommended Grade 11

NH Scholars Social Studies

This course is designed to provide each student with an understanding of economic principles, systems and activities in order to participate as a citizen in the Free Enterprise System. Emphasis will be placed on Economic Fundamentals, How Markets Work, Economic Institutions, Economics of the Public Sector, Managing and Measuring the Economy and Globalization. *Honors Option available.*

Social Studies Electives

America in the Modern World

½ credit

NH Scholars Social Studies

What should America's role in the world be? This course will emphasize America's emergence as a world power and follow its developing role post-9/11 through the study of international conflict and cooperation. Issues impacting foreign policy such as trade, terrorism, and human rights will be discussed in order to help students better understand current events. The main goal of the course is to have students develop high levels of competency in research and reasoning skills through a variety of tasks including simulations, research, debate, and writing assignments.

Prerequisite: Successful completion of US History

Archeology

½ credit

NH Scholars Social Studies

Have you ever wondered if Indiana Jones is a good archeologist? It's time to find out! What does an archeologist do? Learn about the basics of archeology, ethical issues within archeology, and how the media portrays archeology.

American Studies: Pop Culture

½ credit

NH Scholars Social Studies

How has American popular culture changed over time? You will be looking at different decades, from the 1940's to present, and examine fads, major events that influenced Americans, television, movies, radio, literature, and advertising. In this course, students will be focusing on communication skills and analysis skills.

Cold War: A Global History

½ credit

NH Scholars Social Studies

Cold War: A Global History is a semester-long course that takes a deep dive into the complex relationship between the United States and the USSR during the post-WWII era. We will cover the differing ideologies of communism and capitalism, the various cold war conflicts such as the Korean and Vietnam wars, and the growing pains of a nuclear age. Sign up to discover how two military titans can fight for global supremacy without directly firing a shot.

Prerequisite: Successful completion of US History

Revolutions

½ credit

NH Scholars Social Studies

What makes a revolution a revolution? Is there a "recipe" to successfully create radical change? How have revolutions individually and collectively transformed the modern world? In this course, we will try to understand the causes and methods of revolutionaries and ask whether violence is a necessary element. We will practice the skills of critical thinking and clear communication as we compare and contrast cultural, political, economic, and social revolutions throughout history. Course work will consist of readings, discussions, simulations, and investigations. The semester will culminate with a final research project that challenges students to analyze a revolution of their choosing.

Criminology

½ credit

NH Scholars Social Studies

In this course students will examine how societies shape and control the behavior of their peoples. Students will explore the connections between culture, law, power and equity as it pertains to social order. The development of a justice system and its components (enforcement, ruling and corrections) will be analyzed. There will be a direct focus on the complex factors that play a role in crime here in America.

Prerequisite: Grades 11-12 due to mature content or with permission of instructor.

Intro to Philosophy

½ credit

NH Scholars Social Studies

Introduction to Philosophy is a discussion based course that will act as your guide through some of life's most pondered questions. What does it mean to be human? What is consciousness? What is the meaning of our existence? The study of philosophy is an opportunity to begin addressing some of these fundamental questions we take for granted. By the end of the semester, we will have addressed the question of self & free will, ethics, and what makes for a meaningful life.

Legal Studies

½ credit

NH Scholars Social Studies

This course serves as an introduction to the subject of Political Science. We will gain an introductory understanding of political philosophy, the American justice system, the various rights of U.S. citizens, and landmark case law. This course seeks to supplement material covered in Civics, and as such, it is encouraged that you first receive credit for Civics prior to taking Legal Studies.

Prerequisite: Successful completion of Civics or permission of department head.

Psychology

½ credit

NH Scholars Social Studies

This introductory Psychology course will be your first step into the scientific study of the human mind. How do our brains work? Why do we think? Why does my body sometimes react to something before my brain? The study of psychology is a great first step in unraveling the mysteries of our minds, and what makes us 'tick.' By the end of the semester we will have performed a basic study of human emotions, biopsychology, cognition, and human growth and development.

Prerequisite: Successful completion of English II.

Advanced Placement US History

1 credit

NH Scholars Social Studies

This course will run every other year, opposite of AP European History, on "odd" school years (2025-2026, 2027-2028...)

This is a college-level course that, in semester one, covers an in-depth survey of American history from pre-colonial times through Reconstruction and the West. Students will be required to read selected books and pieces of literature in addition to the text. Students will focus on essay writing, inquiry-based projects, examination of primary documents, and research. During semester two, the course covers an in-depth survey of American history from the Gilded Age through present day. Students will be required to read selected books and pieces of literature in addition to the text. Student work will focus on essay writing, inquiry based projects, examination of primary documents, and research. Students taking an AP course must have a high level of motivation and exemplary work

habits. This course will make demands on students equivalent to those made on students in an introductory level college course. Students who take AP US History will take the Advanced Placement Exam in the spring. It is possible for them to earn college credit or to be exempted from a college requirement if a high enough score is achieved.

Prerequisite: Successful completion of US History, department head recommendation, and summer project completion.

Advanced Placement European History

1 credit

NH Scholars Social Studies

This course will run every other year, opposite of AP US History, on "even" school years (2024-2025, 2026-2027...)

AP European History is an introductory college-level European history course. Students will develop skills such as analyzing historical sources, developing arguments, and crafting themes of Europe's history since 1450. The course starts with the Renaissance and follows nine units, ending with Contemporary Europe and the Cold War. There will be extensive reading at home, a summer project, as well as weekly in-class writing assignments. Students who take AP European History will take the Advanced Placement Exam in the spring. It is possible for them to earn college credit or to be exempted from a college requirement if a high enough score is achieved.

Prerequisite: Successful completion of World Cultures, department head recommendation, and summer project completion.

STUDENT SERVICES DEPARTMENT

Fundamentals of English

1 credit

This course is designed to provide the structure and instruction that will increase each student's basic English and critical thinking skills. The intent is to prepare them for higher level English courses and/or post-secondary living. Students will learn how English can be used to help in the decision making process that is vital to their successful employment and independent living.

Administrative approval required.

Fundamentals of Math

1 credit

This course is designed to provide the structure and instruction that will increase each student's basic math and critical thinking skills. The intent is to prepare them for higher level math courses and/or post-secondary living. Students will learn how mathematics can be used to help in the decision-making process that is vital to their successful employment and independent living.

Administrative approval required.

High School Reading

½ - 1 credit

This course is designed to provide reading instruction for high school students. The instruction will include phonics (spelling and word attack), vocabulary development, and comprehension (literal and inferential).

Administrative approval required.

ESOL Reading

1 credit

This course will offer opportunities for intensive reading through content-centered language learning. ESOL Reading will focus on building vocabulary and fluency. Strategies to enhance reading for meaning will also be implemented.

Administrative approval required.

Life-Centered Education

1 credit

This course is designed to provide the critical skills and outcomes for high school students to make a successful transition from high school to work and the community. The course will focus on four areas: becoming an active member of the community, living a safe and healthy lifestyle, developing a career plan and developing money management skills. The instructional and training activities will promote the skills students need to succeed at school, at home, and in the community.

Permission of the Special Education Building Coordinator is required.

TECHNICAL EDUCATION DEPARTMENT

Woodworking I

½ credit

Topics in Woodworking I include basic and advanced woodworking skills and the use of hand tools, power tools, and machines. Problem-solving activities and drafting are also components of the class. Students will be expected to meet all safety requirements and demonstrate responsible behavior.

Woodworking II

½ credit

The course will focus on furniture and cabinet making using the skills acquired in Woodworking I. Students will learn joinery techniques and finishing techniques during this course.

Prerequisite: Woodworking I

Computer Aided Drafting (CAD)

½ credit

This class will focus on basic drafting styles on a computer. This course will enable the first time user to learn geometric construction, dimensioning, tolerant and drawing layout as well as plotting drawings. A second semester of this course can be available as an independent study to students who want to focus on reinforcing skills learned in CAD I and developing an increased expertise. *This course does not meet the Computer Education graduation requirement.*

Engineering & Advanced Manufacturing I

½ credit

A course in the study of industrial robotics and rapid prototyping in computer aided manufacturing (CAM). Students will learn how robotic CNC machines and 3D printers operate and allow for faster and more cost effective machining. This course will cover robotic control systems, positioning, linear motion controls, programming languages, maintenance, and design and machining. Students will use 3D printers along with other CNC machines to create and proof their designs and prototypes. These projects will include integration with other areas of study such as Marketing/Cost Accounting and Multimedia Studies. Projects in this course will be based on the 21st century skills, STEM, and ITEEA Technology and Engineering standards. *This course does not meet the Computer Education graduation requirement.*

Engineering & Advanced Manufacturing II

½ credit

A level 2 course for students who want to expand their knowledge and expertise in industrial robotics and rapid prototyping in CAM. This course will focus on student design of functional objects and prototypes. Students will use 3D printers along with other CNC machines to create and proof their designs and prototypes. These projects will be a continuation of the skill set acquired in Engineering I. Projects will include integration with other areas of study such as Marketing/Cost Accounting and Multimedia Studies. Projects in this course will be based on the 21st century skills, STEM, and ITEEA Technology and Engineering standards. *This course does not meet the Computer Education graduation requirement.*

Prerequisite: Successful completion of Engineering & Adv. Manufacturing I.

WORLD LANGUAGE DEPARTMENT

All World Language courses listed below meet the **NH Scholars** requirement for World Language.

French I

1 credit

This is an introductory course designed to develop the basic skills of listening, speaking, reading, and writing French. Although the use of these skills will be limited, at the conclusion of the course students should be able to carry on a short conversation with a native speaker in the present tense about themselves, their family, and their community. Students should also be able to talk briefly in English about several cultural differences and similarities between the American culture and that of one other Francophone country.

French II

1 credit

This course is designed to continue the development of the four basic skills introduced in French I. Although the use of these skills will still be limited, at the conclusion of the course students should be able to carry on a short conversation with a native speaker in the present and past tenses about themselves, their family, and their community. The conversation should be sustained to reflect the acquisition of additional vocabulary. Students should also be able to talk briefly in English about Paris and one other French city.

Prerequisite: Successful completion of French I.

French III

1 credit

This course concentrates on reinforcing the basic skills as well as developing the student's speaking and reading ability. Students should be able to carry on a more extended conversation with a native speaker in the indicative, imperative, and subjunctive moods of the various tenses (present, past, future, conditional, and imperfect). A conversation should be able to be sustained and should include more complex discussions of issues concerning daily life and various Francophone cultures.

Prerequisite: Successful completion of French II.

French IV- Honors

1 credit

See French V – Honors Description Below.

Prerequisite: Successful completion of French III and instructor approval.

French V - Honors

1 credit

Levels IV and V are a combined class and taught together, this curriculum has been structured in a two year alternating rotation. This program aims at building students proficiency in all four language skills (reading, writing, listening, and speaking). It also stresses the enhancement of their knowledge of the multi-cultural facets of the French speaking world. Students are invited on a fascinating journey through the Francophone world via engaging readings, thought provoking activities, authentic listening passages, French feature length films, and internet activities. This program is completed by a number of thematic 'modules' and a variety of literary documents, allowing students to obtain a diversified view of French history, literature, and fine arts.

Prerequisite: Successful completion of French IV and instructor approval.

Spanish I

1 credit

This is an introductory course designed to develop the basic skills of listening, speaking, reading, and writing Spanish. Although the use of these skills will be limited, at the conclusion of the course students should be able to carry on a short conversation describing themselves, their family, and their community. Students should also be able to talk briefly in English about several cultural differences and similarities between the American culture and that of one other Spanish country.

Spanish II

1 credit

This course continues the development and improvement of the basic skills with increased emphasis on speaking, reading, and writing. Students are introduced to the past tense of verbs, and should be able to describe what they, and others, did in the past. Students will also be introduced to the three main native pre-Columbian cultures: Aztecs, Incas, and Mayas.

Prerequisite: Successful completion of Spanish I.

Spanish III

1 credit

While the basic skills are always reinforced, students will be required to summarize Spanish Language News Articles as part of a Current Events/Writing Prompt on a regular basis. Students will be introduced to verb tenses beyond the Present and Past Tenses in order to be able to describe future plans and what events took place during another event. Students will analyze the evolution of Mexico City from being the capital of the Aztec empire to becoming one of the largest cities in the world. Students will also compare the Spanish Civil War to that of the American Civil War.

Prerequisite: Successful completion of Spanish II.

Spanish IV Honors

1 credit

This course reinforces the content learned in previous levels, while bridging the gap between communication and culture through the use of 'culture and reading modules' in Spanish. Students will also be exposed to essays, presentations, and dictation exercises on a regular basis. Students will be introduced to the Subjunctive Tense, and at the end of the course should be able to communicate (verbal and written) by synthesizing all the content learned throughout their Spanish career. On occasion students will be exposed to college level material, as an introduction to college level Spanish.

Prerequisite: Successful completion of Spanish III and instructor approval.

Spanish V Honors

1 credit

This culture and literature intensive course will expose students to the history of Spanish literature and culture. Students will be exposed to Spanish Language novels such as *El Cid*, *La Celestina*, *Lazarillo de Tormes*, *Don Quijote*, and other works from Spanish speaking authors. Opposite from Spanish IV, students will receive 'grammar and communication modules' to reinforce communicative skills learned in previous sections and learn new concepts. On occasion students will be exposed to college level material as an introduction to college level Spanish.

Prerequisite: Successful completion of Spanish IV and instructor approval.

GENERAL ELECTIVES

Student Aide

¼ credit per semester

Grade 11 & 12 Only

The Student Aide program is designed to allow students to learn procedures and be of service to the various offices and teachers that may need assistance during the school day. The student will be expected to help with whatever duties (technical or clerical) that may be required in that area. Areas may include, but are not limited to the school office, other offices, and the media center. Students who wish to take this course must have an interview with the potential supervisor and an administrator. The supervisor will then work with the student to set up clearly defined goals and objectives. Students will be required to write a reflection paper to earn credit. No student may be an aide for more than one period per semester. No teacher or office may have more than one aide in their classroom/office at a time.

This class is graded as Pass/Fail and is not a qualifying course for athletic and extracurricular eligibility.

SEACOAST SCHOOL OF TECHNOLOGY

Course Descriptions 2022-2023

FIRST-YEAR PROGRAMS

Animal & Plant Science I - *NH Scholars STEM & Lab Science*

Do you love animals? Making things grow? Learn to expertly care for living things and prepare yourself for a career as a veterinarian, vet tech, barn/farm/greenhouse manager and many other careers working with animals and plants. You'll learn to care for and handle companion animals, recognize behavior, and begin on the road to veterinary care for both large and small animals. In addition, you will study aquariums allowing you to experience raising fish for fun or sale and aquaculture allowing you to gain hands-on experience raising food for consumption.

[Prerequisite - Biology]

Automotive Technologies I - *NH Scholars STEM*

Calling all gearheads! Using Snap-on hand tools and the same computer diagnostic equipment found in well-equipped dealerships, learn bumper-to-bumper automotive systems and their repair. Hone your skills by working on customer and donated vehicles in a live shop that includes 13 bays, a parts room, 8 lifts, an in-ground alignment system and much more. Students have the opportunity to interview for internships at local dealerships or independent facilities. This program is certified through the National Automotive Technicians Education Foundation (NATEF).

Biomedical Science & Technology I - *NH Scholars STEM & Lab Science*

Working in a state-of-the-art lab, you will be on the cutting edge of science studying molecular genetics and genetic engineering, cancer biology, microbiology, immunology, bioinformatics, DNA sequencing, environmental and marine science and more. You will gain techniques and knowledge that will prepare you to pursue careers in medicine, genetics, pathology, forensics, molecular biology and many other science-related fields.

Building Construction Technologies I - *NH Scholars STEM*

Are you the type of person who takes pride in being able to create things with your own two hands? Learn basic skills in carpentry, hand and power tool safety, framing, remodeling, materials usage, green building and much more. You'll perfect your skills by working on a variety of real construction and renovation projects in our local community, and by the end of the year you will have the know-how to make a building weathertight.

Careers in Education I - *NH Scholars STEM & Social Science*

A program for those who want to work in a variety of educational roles ranging from pre-kindergarten, elementary, middle/high school, or even adult-ed teacher, to occupational/physical/speech & language therapist, school counselor, child psychologist, special educator, social worker, administrator and more. This writing-intensive program is the first step toward a career in the field of education. In addition to student-teaching in the Wright Start Preschool, job shadows, and guest speakers from a variety of education-related professions, you will

also study theories of development and learning, foundations of education, classroom management, lesson planning and best instructional practices.

Computer Science I - NH Scholars STEM & Lab Science

(2 semester-based courses)

1. Introduction to Computer Science

Utilizing the Python programming language, you will learn what it takes to write your own computer programs. With an emphasis on computational thinking and problem solving, develop the skills to find novel methods of finding problem solutions. This course will form the foundation for all future study in the field of Computer Science. *[Offered semester 1]*

[Prerequisite – Algebra I with grade of "MC" or better]

2. C#

This course will provide you with an understanding of structured, procedural and event-driven programming. Develop techniques for problem solving through the application of a variety of programming techniques and gain experience in program planning, design and coding as you complete lab work and assignments. Plan, design, code and test a variety of computer programs including games, simulations and productivity applications. You will learn to use the Visual C# .NET programming language and integrated development environment. *[Offered semester 2]*

[Prerequisite – Introduction to Computer Science]

Culinary Arts I - NH Scholars STEM & Art

If you're interested in learning the introductory skills for a career in the world of Culinary Arts and Restaurant Management, look no further! With daily hands-on activities and training, you'll soon be able to produce perfect knife cuts and cook restaurant quality meals from scratch. You will learn the importance of food basics, savory cooking and baking, knife skills, sanitation, nutrition and developing your palate while exploring regional cuisines. This course will also emphasize the appropriate standard of behavior and uniform that is set by culinary professionals.

Digital Media Arts I - NH Scholars STEM & Art

(2 semester-based courses)

1. Graphic Design

The art class of the new millennium... If you're an artist and you want to harness the power of creativity, then this course is for you. Backed with a strong influence from the fine arts, this course focuses on the concepts of good design and uses computer software such as Adobe Photoshop, Illustrator and InDesign to foster student creativity. *[Offered semester 1]*

2. Animation

Breathe life into your artwork and make your creations come alive! Utilizing computer programs from Autodesk and Adobe, you will learn how to transform two-dimensional artwork into three-dimensional, digitally-animated models. *[Offered semester 2]*

Health Science Technologies I - NH Scholars STEM & Lab Science

If you're thinking about any career in the health field, like becoming a doctor, nurse, physical therapist, dentist or even an EMT, then this course is for you. Learn about the human body and help people get and stay healthy. You will earn your First Aid certification while exploring human anatomy and physiology, medical terminology, safety, and legal and ethical issues within the health fields.

[Prerequisite – Biology] This course meets the EMHS Wellness credit requirement

Marketing Technologies I - NH Scholars STEM & Social Science

Want to be your own boss? Marketing Technologies introduces the processes and strategies involved in transferring business products or services to a consumer. Through interactive discussions and projects, the course's main focus is on analyzing the marketing mix, its interrelationships and how it is used in the marketing process. This course has a strong emphasis on business conduct, speaking and presentation skills. Some topics of study are: entrepreneurship, management, sport and entertainment marketing, fashion merchandising, e-commerce, hospitality and tourism and international studies. You'll develop your own business and learn how to market it, as well as operate the Upper Deck, SST's school store.

Pre-Engineering I - NH Scholars STEM & Lab Science

(2 semester-based courses)

1. Introduction to Engineering Design

Want to find out how to turn your innovative ideas into reality? Engineers are involved in everything that has ever been designed, built or manufactured. In this course, you will learn about the varied roles engineers play in our society, discover new career paths and possibilities, and develop engineering knowledge and skills, such as creating models and prototypes (physical and virtual).

[Offered semester 1] [Prerequisite – Algebra I]

2. Principles of Engineering

Make the leap from dreamer to doer! Engineers serve society by using engineering principles to develop solutions to technical problems and explore multiple manufacturing processes and technology systems. Come and participate in compelling, real-world challenges that will help you become a better collaborator and thinker. *[Offered semester 2] [Prerequisite – Algebra I]*

SST Welding Technologies I - NH Scholars STEM

If you're scared of melting metal, flying sparks, or holding torches in your hands that are hotter than the surface of the sun, then Welding Technologies is probably not for you. Still interested? You'll learn the basic techniques of STICK, MIG, TIG, plasma, brazing, soldering, blueprint reading and electricity. This program is ideal for students interested in the metal trades including welding and machining, as well as artists who want to work with metal.

SECOND-YEAR PROGRAMS

Animal & Plant Science II - NH Scholars STEM & Lab Science

Continue to build on your experience, knowledge and hands-on skills. You'll spend several months at a local horse barn studying equine science, learn more about greenhouse management, sustainable food production, aquaponics and hydroponics, landscape and floral design, animal nutrition and reproduction, and complete a week-long internship in an area of personal interest. Participation and competition in FFA events is strongly encouraged. *[Prerequisite – Animal & Plant Science I]*

Automotive Technologies II - NH Scholars STEM

Continue your automotive training by working in our live car repair and state inspection facility. Perform more complex repairs and tasks ranging from light mechanical, routine maintenance and parts ordering. You'll complete units on engine performance and diagnostics, suspension and steering, four-wheel alignment, earn your ASE Maintenance and Light Repair certification and position yourself for a career in the automotive industry. *[Prerequisite – Automotive Technologies I]*
*This course counts as the 4th year **Math Experience** requirement for EMHS*

Biomedical Science & Technology II - NH Scholars STEM & Lab Science

This capstone course is an in-depth exploration of emerging technologies and innovations within the scientific community. You will explore current biotechnological applications in medicine, agriculture, forensics and the environment. Topics include gene modification, protein microarrays, directed mutagenesis, bioinformatics, DNA sequencing and more. You will also have the opportunity to participate in advanced internships during the school year and perform original research.

[Prerequisite – Biomedical Science & Technology I]

*This course counts as the 4th year **Math Experience** requirement for EMHS*

Building Construction Technologies II - NH Scholars STEM

Continue to polish your technical building skills and examine topics such as energy efficiency, interior work and trim and blueprint reading. You'll put your knowledge to good use by building structures in the community such as homes, garages, sheds, additions and more. By the time you complete this program, you will be capable of doing all interior and exterior carpentry work on building projects large and small, and be ready to enter leadership programs for construction project managers.

[Prerequisite – Building Construction Technologies I]

*This course counts as the 4th year **Math Experience** requirement for EMHS*

Careers in Education II - NH Scholars STEM & Social Science

Continue to learn the craft of educating others. Coursework includes classroom management, curriculum development, differentiated instruction, best instructional practices and special education. Alongside advanced classroom instruction and teaching in the Wright Start Preschool, you will gain real-world experience in your preferred concentration area and create a professional teaching portfolio tailored to your specific goals. Internships are available for preschool, elementary, middle and high school, art/music/physical education, special education, physical/occupational/speech & language therapy and early childhood education administration. This course is an excellent opportunity to continue exploring education-related professions and decide which career path to pursue in college.

[Prerequisite – Careers in Education I]

Computer Science II - NH Scholars STEM & Lab Science

*This course counts as the 4th year **Math Experience** requirement for EMHS
(2 semester-based courses)*

1. Java

The Java programming language is the major force behind the World Wide Web and can be found running on over 3 billion computational devices on the planet. The purpose of this course is to provide a solid foundation in the Java programming language, as well as further refine your knowledge of object-oriented design. Program planning, object-oriented design and Java language syntax will be emphasized. *[Offered Semester 1]*

[Prerequisite – Introduction to Computer Science]

2. C++

C++ is the industrial heart of the computer software industry and is the primary development tool used to create major applications used by millions of people every day in business productivity, as well as video games. This course will introduce you to the fundamentals of structured programming, the procedural aspects of the C++ programming language, object-oriented design and implementation, as well as an introduction to basic data structures. You will create programs to demonstrate the topics of program control, functions, arrays, pointers, classes and objects. Visual C++ will be used as the primary development tool; however, other environments may also be utilized. Emphasis will be placed on the creation of platform-independent applications in order for you to become familiar with the core features of the C++ language. *[Offered Semester 2]*

[Prerequisite – Introduction to Computer Science]

Culinary Arts II - NH Scholars STEM & Art

Expand on your cooking and baking skills while exploring the cooking techniques and cultural aspects of global cuisines! You will learn advanced techniques, such as smoking, pickling and meat fabrication, in addition to the managerial side of a restaurant - from food cost to purchasing, ServSafe to menu writing and event planning to training. *[Prerequisite – Culinary Arts I]*

*This course counts as the 4th year **Math Experience** requirement for EMHS*

Digital Media Arts II - NH Scholars STEM & Art

(2 semester-based courses)

1. Web Design

Design your own web pages using the same techniques as professional graphic designers and web developers. Using Cascading Style Sheets (CSS) and the Adobe Design Premium Suite, you'll learn best practices in designing for the web and sharpen your skills by creating multiple web pages on topics of your choice. *[Offered semester 1]*

2. Video Production

Learn how to operate all of the equipment in a cutting-edge video production studio that includes a green screen, high definition cameras, sound and lighting control room and much more. You will film, edit, and produce videos for both personal and commercial purposes using the editing software Premiere and After Effects. *[Offered semester 2]*

Health Science Technologies II - NH Scholars STEM & Lab Science

Dive deeper into the complexities of the human body by completing units on CPR and the cardiorespiratory, gastrointestinal, reproductive, endocrine and nervous systems. In addition to classroom and lab work on the SST campus, you will gain real-world experience through a ten-week

internship at a local healthcare facility. Additionally, select students will have the opportunity to earn their Licensed Nursing Assistant (LNA) Certificate. *[Prerequisite – Health Science Technologies I]*

Marketing Technologies II - NH Scholars STEM & Social Science

You'll complete an individualized curriculum that is tailored to your personal business interests and aspirations. Recent areas of specialization include business management, sports and entertainment management, hospitality, fashion, event planning, advertising, entrepreneurship, business law, international business and finance. You'll also work on real-life projects in the community, including planning and running the Small Business Showcase with the Exeter Area and Hampton Area Chambers of Commerce. *[Prerequisite- Marketing Technologies I]*

Pre-Engineering II - NH Scholars STEM & Lab Science

*This course counts as the 4th year **Math Experience** requirement for EMHS (2 semester-based courses)*

1. Digital Electronics

Investigate how machines think and work! Using applied logic, you will learn about electronics and digital systems, explore engineering design, build circuits and develop electronics troubleshooting techniques. *[Offered semester 1]*

[Prerequisite – Either Introduction to Engineering Design or Principles of Engineering]

2. Civil Engineering & Architecture

Study the way that man-made structures such as buildings, dams, bridges and roads affect our environment and the way we live. Through a series of hands-on projects and guest speakers with expertise in a variety of topics, you will learn about the complex infrastructure that makes society work. *[Offered semester 2]*

[Prerequisite – Either Introduction to Engineering Design or Principles of Engineering]

Welding Technologies II - NH Scholars STEM

Enhance your welding skills by working with different alloys like aluminum and stainless steel, learning different techniques and welding positions, performing actual jobs of metal fabrication, manufacturing, repair and CNC Plasma. At the completion of this course, you will have earned your OSHA (Occupational Safety & Health) training certificate and have enough skills and experience to take your certification tests in SMAW (STICK), GMAW (MIG) and GTAW (TIG) welding.

[Prerequisite - Welding Technologies I]

*This course counts as the 4th year **Math Experience** requirement for EMHS*