

Class of 2030

Spaulding High School

R.W. Creteau Tech Center

PROGRAM OF STUDIES



Spaulding High School

2026-2027 Program of Studies

SPAULDING ADMINISTRATION TEAM

Justin Roy, Principal
Jenna Kotsonis, Deputy Principal
Jason Bushway, Assistant Principal
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Michele Halligan-Foley, Richard W. Creteau Director
Sheila Colson, Athletic Director
Kate Stimmell, Special Education Coordinator



MESSAGE FROM ADMINISTRATION

Dear Spaulding Students and Families,

The Program of Studies provides a comprehensive overview of the breadth and diversity of courses available at Spaulding High School. Courses are organized by department, listed alphabetically, and aligned with career pathways to help you navigate your options effectively. This guide also includes important information regarding grading policies, diploma requirements, school counseling services, and post-secondary planning and admissions.

As you consider your course selections for the upcoming school year, we would like to encourage you to consult with your school counselor, advisor, and teachers. While course decisions are ultimately made by families, gathering input from multiple sources will help ensure thoughtful and informed choices.

We wish you success as you select your courses for the 2026–2027 school year. Please do not hesitate to reach out if we can assist you in planning for the year ahead.

Sincerely,

The Spaulding High School Administrative Team

SPAULDING HIGH SCHOOL CORE VALUES, BELIEFS, AND LEARNING EXPECTATIONS

Spaulding High School believes in promoting a safe and supportive community where all students are recognized and encouraged to develop their individual interests and talents. We provide an education that challenges students to think critically and creatively, communicate effectively, and work collaboratively. We believe that by promoting a flexible, respectful, and challenging school environment that applies learning in authentic ways, students will be supported to become confident lifelong learners and contributing members of their communities.

LEARNING EXPECTATIONS

Communication: Students will communicate effectively through reading critically, writing, and speaking effectively.

Creative and Critical Thinking: Students will organize, analyze, and synthesize information to create, apply, and assess solutions.

Collaboration: Students will work with others towards a common purpose.

SOCIAL RESPONSIBILITY

Work Skills: Students will develop and apply the habits of learning that are essential lifelong skills.

Career Development: Students will explore their interests, develop their skills and abilities, and apply this learning in planning their future.

CIVIC RESPONSIBILITY

Community: Students will develop and exhibit values that embrace responsible citizenship and community involvement.



Rochester School District, SAU #54

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Rochester, New Hampshire 03867
www.rochesterschools.com
(603) 332-3678 fax: (603) 335-7367

SAU 54 Administration

Jared Fulgoni - Superintendent of Schools
Dr. Sherri Nichols - Assistant Superintendent of Schools



R.W. Creteau Regional Technology Center

140 Wakefield Street
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Spaulding High School

130 Wakefield Street
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What is a Vision of a Learner?

Our Vision of a Learner was developed by our community and depicts the skills and qualities we want all students in Rochester to have, both now and in their future. As a district, we are committed to providing experiences in our schools that prepare students for success within and beyond the classroom—regardless of the path they choose—and this collective vision will serve as our guide.

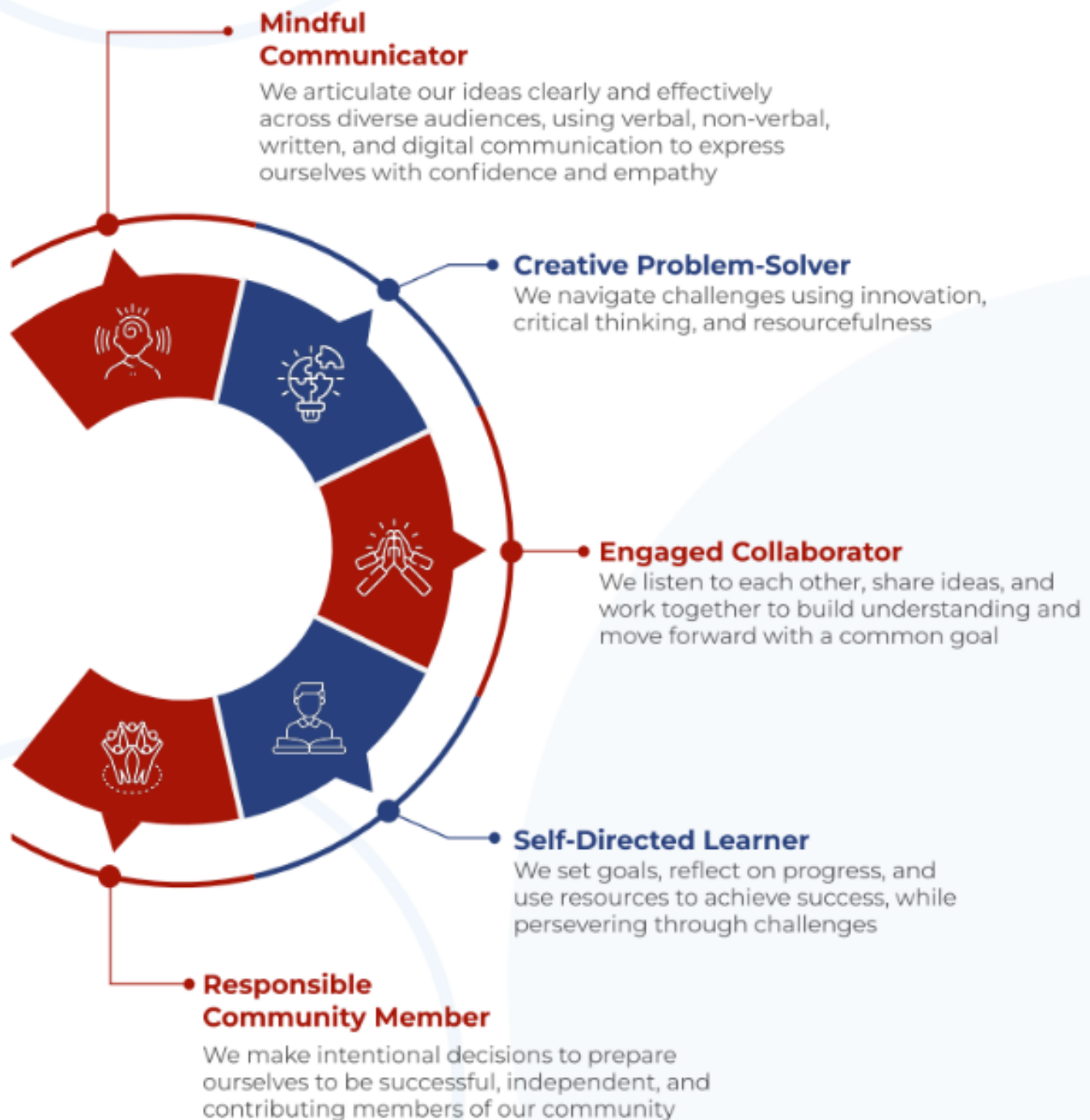


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R.W. CRETEAU TECHNOLOGY CENTER – ROCHESTER

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SCHOOL COUNSELING AT SPAULDING HIGH SCHOOL

The Spaulding High School Counseling Department works to foster the academic, career, and personal/social development of all students. Utilizing the annual individualized programming, counselors work with each student to develop academic plans designed to facilitate the achievement of career and post-secondary goals. Academic strengths and weaknesses are reviewed, interests and abilities are explored, and options for the future are discussed during these individual planning sessions. Students are supported in the planning, monitoring, and management of their own educational experiences. In addition to the individual meetings, counselors conduct small group meetings, parent-teacher-student conferences and personal counseling sessions for issues that interfere with academic success. Referrals to outside agencies are made to accommodate long-term counseling needs.

Who is My School Counselor?

Counselors are assigned alphabetically according to the student's GRADE and last name. This policy is in place to balance the number of students with whom each counselor works so that every student is able to get the attention they deserve. [Please visit the SHS Counseling website for updated information.](#)

Leah Anderson	anderson.l@sau54.org
Karen McDermott	mcdermott.k@sau54.org
Katie Newbegin	newbegin.k@sau54.org
Cherlene Painter	painter.c@sau54.org
Erin Reinhard	reinhard.e@sau54.org
Cheryl Stifter	stifter.c@sau54.org
Lisa Gauthier	gauthier.l@sau54.org
Jen York	york.j@sau54.org
Jonathan Dube	dube.j@sau54.org
Jessica Lovell	lovell@sau54.org

NONDISCRIMINATION POLICY

It is the policy of Spaulding High School not to discriminate in its education programs, activities or employment practices on the basis of **race, color, national origin, language, religion, age, sex or handicap** under the provisions of Title VI of the Civil Rights Act of 1964, the Age Discrimination Act of 1967, Title IX of the Education Amendments of 1972, Section 705120 of the Rehabilitation Act of 1973 and the Education for all Handicapped Children Act of 1975, or State Ed. Laws 303.01 and RSA 354-A. Furthermore, lack of English language skills will not be a barrier to admission and participation in any of the educational programs and activities held at or by Spaulding High School and the Creteau Technology Center. **Sexual harassment** is a form of unlawful discrimination and is against school district policy. **Sexual harassment** is described as an unpleasant environment caused by an unwelcome verbal or physical conduct of a sexual nature that interferes with an individual's academic performance. **A concern or complaint regarding sexual discrimination should be made to Dr. Sherri Nichols, Assistant Superintendent; Rochester School District at (603) 332-3678.**

Any person having inquiries concerning Spaulding High School's compliance with the regulations implementing these laws may contact the following:

Sarah Camus, District Coordinator of Special Education

Superintendent's Office

150 Wakefield Street

Rochester, New Hampshire 03867

Rochester School District at (603) 332-3678.

Any person wishing to file a grievance in regards to one of the above laws may follow the district's grievance procedure through either the district's website www.rochesterschools.com (school board policy) the telephone hotline (603-335-7373), by completing a grievance form located in the school offices, or by verbally reporting to principal, counselor, school nurse, teacher, or the above listed coordinators. Any person may also contact the Assistant Secretary for Civil Rights, U.S. Department of Education or the Director, U.S. Department of Education, Office for Civil Rights, Region I, John W. McCormack PostOffice and Court House Square, Room 502514, Boston, Massachusetts 02109.

PLEASE NOTE: Descriptions of courses in this catalog do not constitute a guarantee that all courses will be taught during the coming school year. Spaulding High School reserves the right to cancel any class due to under-enrollment, scheduling issues, or budgetary constraints.

GRADUATION REQUIREMENTS & GRADING SYSTEM

Students are required to earn a minimum of **26 credits** to be awarded a Spaulding High School diploma. To earn an **HONORS DIPLOMA**, a student must earn a minimum of 75% of their credits at the ENR, H, or AP levels – and earn a cumulative GPA of 3.5 or higher.

Spaulding High School 26 Credit Diploma Required Courses for the Class of 2030 and Beyond	
Subject	Credits
English (must include 0.5 credit of Writing and 0.5 credit of Logic and Rhetoric)	4
Mathematics: (Must include completion of Algebra and Geometry. Algebra credit can be earned through a sequential, integrated, or applied program. Students will “engage with and apply mathematics during every year they are enrolled.” (Courses that meet this requirement are denoted by a (π) in the 4th math experience column in various department listings)	3
Social Studies: see table or flow chart.	5
Science (must include 1 credit each in Physical Science and Biological Sciences)	3
Art Education	0.5
Physical Education	1
Health Education	0.5
Digital Literacy (Awarded after the successful completion of a digital portfolio in Advisory)	0.5
Electives	8.5

Credits for Class Standing:

Class standing is determined by the number of credits a student has at the end of a school year.

Sophomore: 5 credits minimum

Junior: 11 credits minimum

Senior: 18 credits minimum

Graduation: 26 credits minimum

Student performance is GRADED on the following scale:

A - Advanced

B - Beyond Expectations

C – Competent

NYC - Not Yet Competent

IWS - Insufficient Work Shown

NG - No GRADE

W - Withdrawal

WF - Withdrawal Failure

GRADE Point Average: GRADE point average (GPA) is the total number of GRADE points accumulated, using the weighted scale shown below, divided by the total number of credits attempted. The weighting used to determine GPA is as follows:

Letter GRADE	Standard	ENR	HNRS	AP
A	4.0	4.5	5.0	5.25
B	3.0	3.5	4.0	4.25
C	2.0	2.5	3.0	3.25
NYC/W/P	No Weight			
IWS/WF/F	0	0	0	0

A weighted scale is used to reward students who challenge themselves by taking more rigorous classes. A student's class rank is determined by their cumulative GPA. All GRADES received outside of SHS are not calculated into GPA

WORK SKILLS COMPETENCIES:

Work skills, such as self-direction, communication, collaboration, and creativity, are not only necessary for a successful educational experience but are also essential lifelong skills. This is why the Rochester School District has prioritized a focus on developing these skills in our students. Progress on Work Skills Competencies will be regularly communicated to students and parents, but will not be included as part of the evaluation of a student's academic achievement.

Work Skills Competencies are graded on the following scale:

4 - Extending 3 - Applying 2 - Developing 1 - Emerging

Students at grade level should be assessed as “Applying” or better to be considered competent.

STATE OF NEW HAMPSHIRE 20 CREDIT DIPLOMA REQUIREMENTS

The State of New Hampshire 20 Credit Diploma is granted to Spaulding High School Students through a process that must be approved by the building principal and school counselor. The diploma will state that it meets NH state requirements. Spaulding High School students deemed eligible for the State of New Hampshire 20 Credit Diploma will participate in graduation ceremonies and events.

Each eligible special education student in line for a State of New Hampshire 20 Credit Diploma will have an IEP meeting set up by the Special Education Department to acknowledge diploma eligibility as it meets the needs of the student. This meeting will give the parent, student and involved personnel the opportunity to make the necessary changes to a standard diploma program if appropriate. Students with identified educational disabilities that receive special education services, can not receive special education services after completion of the requirements for the State of New Hampshire 20 credit Diploma.

Students who are in the Life Skills special education program can earn a Certificate of Attendance. Each of these students will have an IEP meeting set up by the Special Education Department to acknowledge Certificate of Attendance eligibility. This meeting will give the parent, student and involved personnel the opportunity to make the necessary changes to a graduation program as appropriate. Students with educational disabilities who receive a Certificate of Attendance will continue to be eligible for special education services until a 26 credit diploma, as defined by the Rochester School Board, is obtained or until they reach the age of 21 whichever comes first.

STATE OF NEW HAMPSHIRE 20 CREDIT DIPLOMA REQUIREMENTS Class of 2030 and Beyond	
Subject	Credits
English (must include 0.5 credit of Writing and 0.5 credit of Logic and Rhetoric)	4
Mathematics: (Must include completion of Algebra and 0.5 in statistics and data analysis. Algebra credit can be earned through a sequential, integrated, or applied program.	3
Social Studies: see table or flow chart.	4.5
Science (must include 1 credit each in Physical Science and Biological Sciences)	2
Art Education	0.5
Physical Education	1
Health Education	0.5
Digital Literacy (Awarded after the successful completion of a digital portfolio in Advisory)	0.5
Electives	4

ACADEMIC PROGRAMS AND OFFERINGS

Course Offerings

Students wishing to pursue a higher level of rigor and intending to apply to four-year colleges with more competitive admissions may choose to enroll in courses designated as **ENRICHED (ENR)**. GRADE in these courses are weighted more heavily in the calculation of a student's GPA (GRADE point average). Students wishing to pursue course offerings at the highest level of rigor and who have a record of strong academic achievement may qualify for and enroll in **Early College/Dual Enrollment, HONORS (H)** and/or **ADVANCED PLACEMENT (AP)** courses. GRADE in these courses are weighted most heavily in the calculation of a student's GPA.

We offer three programs to meet the needs of students with special needs or learning disabilities. Mainstreamed with accommodations and support is where the majority of students with special needs are placed and they earn a standard 26 credit diploma. **L.I.T.E** is a self-contained program that focuses on daily living skills, as well as social and academic needs. These students will attain a Certificate of Attendance. **A.C.T** is a program for students who have received their Certificate of Attendance and remain enrolled until age 22.

Add/Drop Policy

The Spaulding High School administration makes every effort to create optimal schedules for students – and school counselors are available before each semester or quarter begins (including throughout the summer) to make appropriate/necessary changes (where possible) before new classes begin. **Once a course has started, students may not make schedule changes – except in the most extenuating of circumstances (e.g., the student is clearly enrolled in the wrong level of a course).** Only with permission of the administration (after consultation with the teacher(s), the student, and his/her school counselor, assistant principal, and parents) will schedule changes be permitted after the start of a class. Students must continue to attend all classes while in the process of attempting a schedule change.

Advisory

All students are enrolled in Advisory throughout their high school experience. Advisory meets twice weekly for 30-minute sessions on Mondays and Fridays. The purpose of Advisory is to support students in exploring career interests, pursuing areas of personal passion that foster lifelong learning, and making meaningful connections between their education and future career pathways.

Each year, students engage in career-connected learning experiences designed for their specific grade level. Through these lessons and activities, students will set personal and academic goals, develop a future plan with actionable steps, and build a grade-level portfolio that includes reflections on coursework, experiences, and evolving career aspirations. This portfolio will be assessed based on the NH Work Study Practices and that RSD has adopted as Work Skills Competencies: Self-Direction, Collaboration, and Communication.

Advisory provides students with ongoing guidance, mentorship, and opportunities to connect learning with life beyond high school. Successful participation each year earns 0.25 elective credit, for a total of 1.0 credit over four years.

Career Technical Education Programs

SHS students can enroll – via application – in an array of [Career and Technical Education \(CTE\) programs](#) offered at the Creteau Tech Center, at Dover High School, and at Somersworth High School.

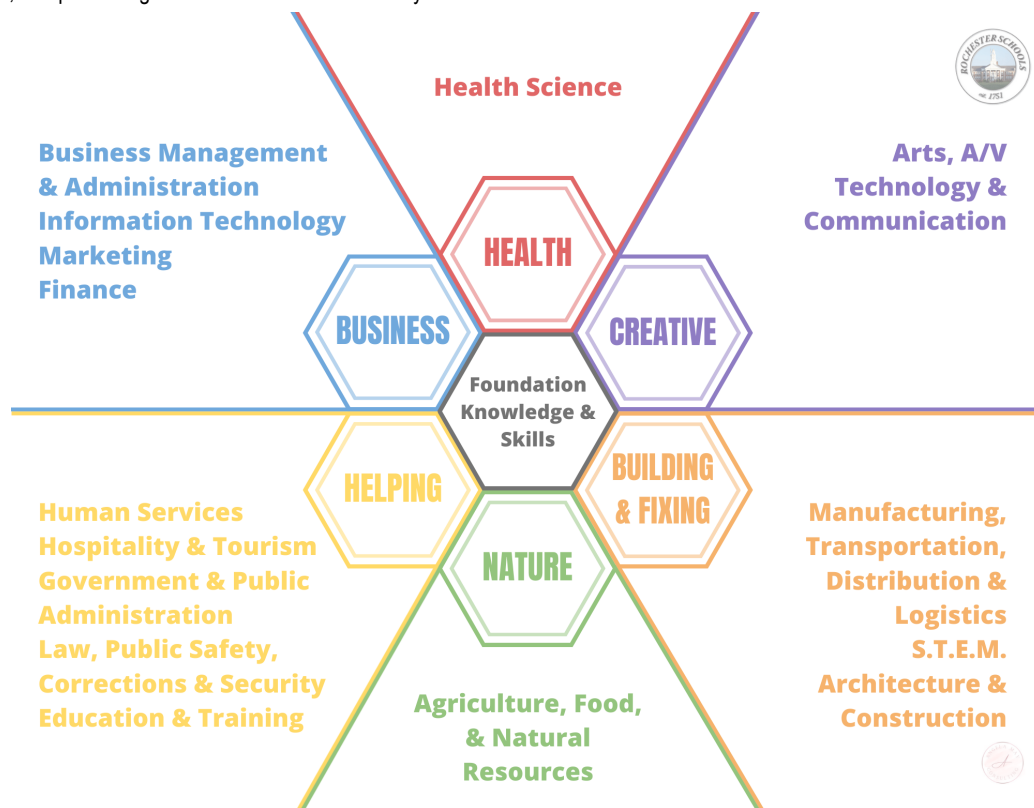
Career Connected Learning Center

The **Career Connected Learning Center (CCLC)** serves as a vital resource for students as they explore career pathways, develop essential workplace skills, and prepare for life beyond high school. The center plays a central role in bridging the gap between classroom learning and real-world experiences, empowering students to make informed decisions about their futures.

How the CCLC Supports Students

- **Job Exploration:** The CCLC provides tools, resources, and personalized guidance to help students identify career interests and discover opportunities in various industries.
- **Resume Building:** Students receive support in crafting professional resumes that highlight their skills, experiences, and accomplishments, preparing them for internships, jobs, and college applications.
- **Guest Speakers and Industry Partners:** The center hosts guest speakers, workshops, and networking events, connecting students with professionals and industry leaders to gain insight into potential career paths.
- **Overseeing the Extended Learning Opportunities (ELO) Program:** The CCLC manages the ELO program, offering students experiential learning opportunities such as internships, independent studies, work-based learning, and teacher assistant roles. These experiences allow students to demonstrate mastery of course competencies in practical, real-world settings.

Through its comprehensive programs and personalized support, the Career Connected Learning Center ensures that students are well-prepared to pursue their academic, professional, and personal goals with confidence and clarity.



College and Career Support

Spaulding High School and the R.W. Creteau Technology Center provides a wide variety of college and career readiness support. **Xello** our college and career information software can be used in school, home, or any place where there is an internet connection. These programs will help prepare students for college and the world of work. Each of these software platforms provide assessments and surveys identifying student's skills, aptitude, interests and values to help them learn more about themselves. Comprehensive college and career reports show school-to-major-to-career connections.

Spaulding High School and the R.W. Creteau Technology Center provides students the opportunity to get out into the community and explore career options. Making the connection between classroom instruction and the world of work is an important first step in choosing potential careers, high school pathways and planning for post-secondary/ career transition. Students interested in the programs listed below, please see the ELO Coordinator in the Career Connected Learning Center .

Credit Recovery

Edgenuity is a web-based program that allows students to work independently with support available during the school day to demonstrate the necessary learning to earn course credit.

NCAA Requirements

NCAA REQUIREMENTS: Students seeking to play sports at the Division I or II levels and to be eligible for financial aid, practice, and competition during the first year must (1) complete the NCAA online Eligibility Request Form (2) graduate from high school, (3) present a minimum GRADE point average in core courses, and (4) present a minimum combined test score on the SAT I critical reading and math sections. For more information and up to date details please go to www.ncaa.org.

Online Learning

A range of online (or distance learning) opportunities are also available to SHS students via the **NH Virtual Learning Academy Charter School (VLACS)**. VLACS courses augment what we offer here at the high school. These courses can also be helpful when students face scheduling conflicts. Students interested in enrolling in VLACS courses should see their school counselor.

Raider Pathways

The goal of the Spaulding High School Raider Pathways Program is to engage students by providing the supports and skills which allow them to find academic success. During the freshman year of the program, we focus on transitioning to the high school environment, core classes, work study habits, social and emotional learning, and goal setting. In Raider Pathways, staff focus on personalized learning paths to best meet the needs of individual learners. Smaller class sizes and shortened periods help provide a positive learning environment. Students in this program will also have the opportunity to take SHS electives and CTE courses. Raider Pathway students will earn credits towards a SHS diploma or a State of New Hampshire 20 credit Diploma.

Summer School

A program is offered during the summer for students to recover competencies and retake courses. Information can be obtained by contacting the student's school counselor.

MOVE ON WHEN READY (MOWR)

Students should enroll in a MOWR course with the expectation of engaging in self-direction, collaboration with peers, personalized learning, and real world application to the course content. Students will be expected to work independently with rigorous content while utilizing time management skills.

MOWR OFFERINGS				
COURSE	CRS #	GRADE	CREDIT	LENGTH
English 3	ENG131	11	1	Semester
English 3 ENR	ENG133	11	1	Semester
English 4	ENG141	12	1	Semester
English 4 ENR	ENG143	12	1	Semester
Technical English	ENG144	12	1	Semester
Algebra 2	MA121	10-12	1	Semester
Algebra 2 ENR	MA123	10-12	1	Semester
Algebra 2 HNR	MA125	10	1	Semester
Trigonometry	MA131	11-12	1	Semester
Trigonometry ENR	MA133	10-12	1	Semester
Trigonometry HNR	MA135	11-12	1	Semester
Pre-Calculus ENR	MA141	11-12	1	Semester
Pre-Calculus HNR	MA143	11-12	1	Semester
Calculus AP	MA145	12	1	Semester
Calculus ENR	MA144	11-12	1	Semester
Anatomy & Physiology I HNR	SC150	11-12	1	Semester
Anatomy & Physiology II HNR	SC151	11-12	1	Semester
Biology	SC121	9-12	2	Semester
Biology ENR	SC123	9-12	1	Semester
Biology HNR	SC125	9-12	1	Semester
Biology AP	SC126	11-12	1	Year
Human Biology ENR	SC161	10-12	1	Semester
Human Biology II ENR	SC163	11-12	1	Semester
Civics in NH and the Nation: Growing up Granite ENR	SS132	11-12	1/2	Quarter
Economics & Financial Literacy	SS116	10-12	1/2	Quarter
Economics ENR	SS118	11-12	1/2	Quarter
Financial Literacy ENR	SS123	11-12	1/2	Quarter
American Studies	SS112	10-12	1/2	Quarter
American Studies ENR	SS114	10-12	1/2	Quarter

COLLEGE AND CAREER PLANNING

Although Spaulding's graduation requirements are posted on page four, fulfilling these minimum graduation requirements will not necessarily meet the admissions requirements of many colleges. The recommended credits for admission to post-secondary schools are as follows:

	English	Math	Science	Social Studies	World Languages
Two-Year/Tech Colleges	4	2-3	1-3	3	0-2
Four-Year Colleges	4	3-4	2-4	3	0-4
Highly Selective Colleges	4	4-5	3-4	3-4	2-5

*These credits vary with the intended area of specialization of each student as well as with the demands of each school. See your school counselor for information about specific requirements for your program/school of interest. See your Career Tech Director for specifics about CTE Programs and options.

NH SCHOLARS PROGRAM

If you have any questions about whether a course qualifies for the NH Scholars Program, please see your counselor for specific details. It is the student's responsibility to be sure they meet requirements by senior year. To qualify for the NH Scholars Program, the following core curriculum must be met:

NH SCHOLARS PROGRAMS				
Requirement	NH Scholars	with Arts emphasis	with STEM emphasis	with STEAM emphasis
GPA	3.0	3.2	3.2	3.2
English	4 credits	4 credits	4 credits	4 credits
Math	4 credits (including Algebra 1, Geometry, Algebra 2, and 1 additional course)	4 credits (including Algebra 1, Geometry, Algebra 2, and 1 additional course)	4 credits (including Algebra 1, Geometry, Algebra 2, and 1 additional course)	4 credits (including Algebra 1, Geometry, Algebra 2, and 1 additional course)
Science	3 credits credits of lab sciences (including Biology and 2 additional lab courses)	3 credits of lab sciences (including Biology and 2 additional lab courses)	4 credits of lab sciences (including Biology, 2 additional lab courses, and 1 elective Science)	4 credits of lab sciences (including Biology, 2 additional lab courses, and 1 elective Science)
Social Studies	3.5 credits	3.5 credits	3.5 credits	3.5 credits
World Languages	2 years (same World Language)	2 years (same World Language)	2 years (same World Language)	2 years (same World Language)
Other		2 credits chosen from Visual Arts, Fine Arts, Performing Arts, Music, Graphic Design, Family & Consumer Sciences, etc.	1 credit (or more) chosen from Technology, Engineering, Computers, Advanced Manufacturing, Science, Math, Accounting, etc.	2 credits from chosen ARTS & 1 credit (or more) chosen from STEM

DUAL ENROLLMENT AND EARLY COLLEGE OFFERINGS

EARN COLLEGE CREDIT WHILE IN HIGH SCHOOL

Great Bay Community College (GBCC) offers Early College and Concurrent Enrollment. Early College allows a student enrolled in a course at GBCC to be awarded credit at Spaulding High School. Each course must be pre-approved and students are responsible for fees and transportation, if applicable. Spaulding High School and R. W. Creteau Career Technical Center offers courses and programs that allow students to earn college credits while in high school.

- **Early College (EC)** offers SHS students college credit through the New Hampshire Community College System for a minimal fee of \$150.00 (financial assistance is available). Courses are taught by qualified high school instructors who teach designated college-level courses to students in the HS environment. Credits earned through this program are transferable to other colleges/universities. Note: some of these courses qualify for a STEM scholarship from the state of New Hampshire.
- **SNHU in the High School dual enrollment program (DE)** provides SHS students college credits prior to high school graduation. Courses are taught by qualified high school instructors who teach SNHU courses to students in the high school environment. Students who wish to earn SNHU credit will be required to pay a minimal fee of \$100.00. Credits earned through this program are transferable to other colleges/universities.
- **Articulation Agreements (A)** allow students to take qualifying high school classes that fulfill requirements for entry-level college courses through individual agreements between high schools & colleges. There is no cost associated with this program and credits earned can only be used at the college/university that holds the agreement.

NOTE: All concurrent enrollment offerings are re-established on an annual basis and are not guaranteed until the start of the school year. Please check the R. W. Creteau Career Technical Center's website or contact the Career Services Coordinator for the most current offerings

SPAULDING HIGH SCHOOL				
SHS Course	Post-Secondary Course	Post-Secondary Partner	College Credits	Type of Credit
Advanced Drawing HNR	ARTS 123G- Drawing 1	Great Bay Community College	3	EC
Advanced Painting HNR	ARTS 220G- Painting 1	Great Bay Community College	3	EC
Calculus AP	MAT225 Calculus 1: Single-Variable Calculus	Southern New Hampshire University	3	DE
Calculus ENR	MAT225 Calculus 1: Single-Variable Calculus	Southern New Hampshire University	3	DE
College Composition	ENG 110 College Composition I	Great Bay Community College	3	EC
Quantitative Reasoning ENR	MATH 145G Quantitative Reasoning	Great Bay Community College	4	EC
US History II Honors	HIS 114 US History II	Southern New Hampshire University	3	DE
Personal Finance Honors	ECON 225G Personal Finance	Great Bay Community College	3	EC
Genocide Honors	CRMJ 270G Genocide	Great Bay Community College	3	EC
Macroeconomics Honors	ECON 234 Macroeconomics	Great Bay Community College	3	EC

EC= Early College

DE= Dual Enrollment SNHU in the High School

A= Articulation

ROCHESTER R.W. CRETEAU REGIONAL TECHNICAL CENTER				
POST-SECONDARY CREDITS				
Program	Post-Secondary Course	Post-Secondary Partner	College Credits	Type of Credit
Architecture/Mechanical Engineering	AEDD 105 CAD Graphics	Southern Maine Community College	3	A
Automotive Service Technology	AUTO 1011 Automotive Maintenance & Light Repair	Manchester Community College	4	EC
Banking & Financial Services	ECON 225 Personal Finance	Great Bay Community College	3	EC
Business	BUS 110 Introduction to Business	Great Bay Community College & Manchester Community College	3	EC
	BUS 114 Management		3	
	BUS 205 Small Business Management		3	
	ACCT 113 Accounting & Financial Reporting I		3	
	MKTG 125 Principles of Marketing		3	
	MKTG210 Advertising		3	
	BUS 210 Organizational Communication		3	
	BUS 209 Principles of Global Business		3	
Computer Networking & Telecommunications	IST 113 IT Essentials	Great Bay Community College	3	EC
	IST161 Network Assurance		3	
Criminal Justice	CRJM 121G Criminal Procedure	Great Bay Community College	3	EC
	CRJM 150 Criminology		3	
	CRJM 101 Intro to Criminal Justice		3	
	CRJM 210G Juvenile Justice		3	
Environmental Science & Sustainable Studies	AGRI110C: Sustainable Agriculture I	NHTI	4	EC
Foundations of Education	TCHP 101G Foundations of Education	Great Bay Community College	3	EC
	TCHP 201G The Teaching & Learning Process		3	
Graphic Design	GRC 176 Photoshop I	Central Maine Community College	3	EC
Health Science Technology	AHLT 110 Medical Terminology	Great Bay Community College	3	EC
	NURS100L Nursing Assistant	Lakes Region Community College	5	A
Heating, Ventilation, Air Conditioning & Refrigeration	HVAC 101 Intro to HVAC Systems	Manchester Community College	3	A
	HVAC 114 Heating Theory I		3	
Precision Machining	MTTN 111 Machine Tool Process & Theory	Nashua Community College	7	EC
Restaurant Management	HOS230G Restaurant Development & Strategic Planning	Great Bay Community College	3	EC
	HOS235G Food & Beverage Operations		3	A
Teacher of Multiple Levels	TCHP 101G Foundations of Education	Great Bay Community College	3	EC
	TCHP 201G The Teaching & Learning Process		3	
Video & Photographic Arts	ARTS 2120 Intro to Digital Photography	Great Bay Community College	3	EC
	ARTS 2130 Advanced Digital Photography	Lakes Region Community College	3	
Completion of any 2-year CTC Program (Dover, Rochester, or Somersworth) Varies depending on the completed CTC Program		Keene State College	Up to 8	A

EC= Early College

DE= Dual Enrollment SNHU in the High School

A= Articulation

ADVANCED PLACEMENT (AP)

Participating in the Advanced Placement (AP) Program gives students the opportunity to take rigorous college-level courses while still in high school. AP courses teach advanced writing skills, problem-solving skills, and study habits that will prepare you for college academics. Plus, taking demanding AP courses demonstrates your maturity, your willingness to push yourself intellectually, and your commitment to academic excellence, which can help you stand out in the college admissions process. The most competitive colleges expect prospective students to take advantage of available AP courses in high school. AP courses are offered globally, and are recognized by all colleges as being "the most rigorous" courses available on the high school level. These courses are listed in the program within its respective department and in the table below.

ADVANCED PLACEMENT OFFERINGS				
COURSE	CRS #	GRADE	CREDIT	LENGTH
Art Studio 2-D Design AP	ART210	10–12	2	Year
Art Studio 3-D Design AP	ART211	10–12	2	Year
Art Studio Drawing AP	ART212	10–12	2	Year
Biology AP	SC126	11–12	2	Year
Calculus AP	MA145	12	1	Semester
Chemistry AP	SC133	11-12	2	Year
English Language & Composition AP	ENG150	12	2	Year
French AP	WL106	11–12	2	Year
Micro & Macro Economics AP (Not offered 2026-2027)	SS119	11–12	2	Year
Physics AP	SC142	11-12	2	Year
Psychology AP	SS152	11-12	2	Year
Spanish AP	WL116	11–12	2	Year
Statistics AP	MA152	11	1	Semester
US History AP	SS110	10–12	2	Year

Additional AP courses are available to Spaulding students through NH Virtual Learning Academy Charter School (VLACS). Students taking AP courses through VLACS must notify the AP Coordinator by October 1st. All Students are welcome to take AP courses. However, they should be prepared to face rigorous academic demands, as well as pre-AP preparation through prerequisite coursework and/or summer assignments. Students enrolled in AP courses are expected to take the relevant AP Exam at the conclusion of the course. You can earn credit and/or placement at most colleges and universities in the United States, and in 40 other countries, through qualifying exam GRADE. Each college sets its own AP policy. This information is available at the institution's own website, or by using the search at www.collegeboard.com/ap/credit policy.



AFJROTC AEROSPACE SCIENCE AND LEADERSHIP EDUCATION

Air Force Junior Reserve Officer Training Corps (AFJROTC) is a program designed to develop citizens of character dedicated to serving their nation and community. **There is no military obligation associated with this program.** Each AFJROTC class consists of three components—aerospace science, leadership education, and a wellness program. To reinforce what is taught in the classroom, students participate in many outside activities such as field trips to military bases, aerospace facilities and industries, museums, civilian airports and other areas related to aerospace education which may also include flights on civilian or military aircraft. AFJROTC units also offer the opportunity to participate in co-curricular activities to include competition drill team, remote control aircraft and rocketry clubs, cadet leadership courses, and honorary academic groups. While there is no military obligation associated with AFJROTC courses, there are several benefits available to students interested in military service. Students interested in pursuing a commission have added opportunity to apply for admission to a service academy and compete for college ROTC scholarships. Students who enlist graduate from basic training at one or two higher pay GRADE than other graduates (depending on branch of service). **Students enrolled in an AFJROTC course each year for four years satisfy the graduation requirement for their second PE course. AS 220 Cultural Studies can be taken as a substitute for Global Studies.** [AFJROTC AVIATION S.T.E.M.](#)

COURSE	CRS#	GRADE	CREDIT	LENGTH	4 th MATH EXPERIENCE
AS 100 Journey Into Aviation History Through WWI	AS110	9-12	1	Semester	
AS 100 Journey Into Aviation History WWII and Beyond	AS111	9-12	1	Semester	
+AS 200: The Science of Flight: Physics of Flight	AS210	9-12	1	Semester	π
+AS 200: The Science of Flight: UAS/Drone	AS213	10-12	1	Semester	π
AS 220: Cultural Studies: Middle East/Asia/Africa	AS216	9-12	1	Semester	
AS 220: Cultural Studies: Europe/Russia/Latin America	AS217	9-12	1	Semester	
+AS 500 Aviation Ground School	AS500	11-12	2	Year	π
AS 600 Cadet Leadership Course	AS600	10-12	1/2	5 Day Summer	
+ENR or HNR credit available with contract					

AS 100: A JOURNEY INTO AVIATION THROUGH WWI

CRS AS110 GRADE 9-12 CREDIT 1 S 1 BLOCK

This is an aviation history course focusing on the development of flight throughout the centuries. It starts with ancient civilizations, then progresses through time to airpower in WWI. The emphasis is on civilian and military contributions to aviation. Throughout the course, there are readings, videos, hands-on activities, and in-text and student workbook exercises to guide in the reinforcement of the materials. Leadership education, drill, and health and wellness are integral parts of the course.

AS 100: A JOURNEY INTO AVIATION WWII AND BEYOND

CRS AS111 GRADE 9-12 CREDIT 1 S 1 BLOCK

This aviation history course focuses on airpower during WWII and the transformation of the Air Force. Throughout the course, there are readings, videos, hands-on activities, and in-text and student workbook exercises to guide in the reinforcement of the materials. Leadership education, drill, and health and wellness are integral parts of the course.

AS 200: THE SCIENCE OF FLIGHT: PHYSICS OF FLIGHT (π) + ENR or HNR credit available with contract

CRS AS210 GRADE 9-12 CREDIT 1 S 1 BLOCK

This is an introductory course that focuses on how airplanes fly, flight and the human body, and flight navigation. The course is designed to complement materials taught in math, physics, and other science-related courses and is aligned with the National Science Education Standards, the Math Standards and Expectations, and ISTE National Educational Technology Standards for Students. Leadership education, drill, and health and wellness are integral parts of the course. **+ENR or HNRS credit available with contract. This class will fulfill the requirements for a Science Elective.**

AS 200: THE SCIENCE OF FLIGHT: UAS/DRONE (π) + ENR or HNR credit available with contract

CRS AS213 GRADE 10-12 CREDIT 1 S 1 BLOCK

This course follows the Physics of Flight course and prepares the student for the FAA Drone/UAS pilot written test and certification as a drone pilot. Content includes the flying environment and UAS/Drone operations with hands-on activities with state of the art equipment. The course is designed to complement materials taught in math, physics, and other science-related courses and is aligned with the National Science Education Standards, the Math Standards and Expectations, and ISTE National Educational Technology Standards for Students. Leadership education, drill, and health and wellness are integral parts of the course. **+ENR or HNRS credit available with contract. This class will fulfill the requirements for a Science Elective.**

AS 220: CULTURAL STUDIES: MIDDLE EAST/ASIA/AFRICA

CRS AS216 GRADE 9-12 CREDIT 1 S 1 BLOCK

This is a customized course and introduces students to the world's cultures through the study of world affairs, regional studies, and cultural awareness in the Middle East, Asia, and Africa. The course delves into history, geography, religions, languages, culture, political systems, economics, social issues, environmental concerns, and human rights. It looks at major events and significant figures that have shaped each region. Throughout the course, there are readings, video segments, hands-on activities, other optional activities, technology enrichment, and assessments to guide in the reinforcement of the materials. Leadership education, drill, and health and wellness are integral parts of the course. **Note: This class will fulfill the Global Studies & Geography requirement for graduation.**

AS 220: CULTURAL STUDIES: EUROPE/RUSSIA/LATIN AMERICA

CRS AS217 GRADE 9-12 CREDIT 1 S 1 BLOCK

This is a customized course and introduces students to the world's cultures through the study of world affairs, regional studies, and cultural awareness in Europe, Russia, and Latin America. The course delves into history, geography, religions, languages, culture, political systems, economics, social issues, environmental concerns, and human rights. It looks at major events and significant figures that have shaped each region. Throughout the course, there are readings, video segments, hands-on activities, other optional activities, technology enrichment, and assessments to guide in the reinforcement of the materials. Leadership education, drill, and health and wellness are integral parts of the course. **Note: This class will fulfill the Global Studies & Geography requirement for graduation.**

AS 500: AVIATION GROUND SCHOOL +ENR or HNR credit available with contract (π)

CRS AS500 GRADE 11-12 CREDIT 2 Y 1 BLOCK

PREREQUISITE: Approval by AFJROTC Senior Aerospace Science Instructor

This course is the foundation for students interested in careers in aviation and fulfills all of the Federal Aviation Administration (FAA) ground training requirements to take the private pilot knowledge test, satisfying the ground portion required to certify as a private pilot. The material covered is an advanced, more in-depth study of aerospace topics. Students will study aircraft systems, aerodynamics, meteorology, flight physiology, and aerial charts and navigation. Additionally, students will explore careers in the aviation industry. Students have the opportunity to take control of a Cessna 172 during an orientation flight originating out of Skyhaven Airport. Leadership education, drill, and health and wellness are integral parts of the course.

AS 600 - CADET LEADERSHIP COURSE (CLC)

CRS AS600 GRADE 10-12 CREDIT 1/2 five days/off-site

PREREQUISITE: One JROTC class.

Students are exposed to advanced leadership material and concepts during an intensive five day/four night encampment at an off-site location. Students learn and experience leadership and teamwork through hands-on activities including Group Leadership Problems (GLPs), athletics and military drill. Spaulding students join other Air Force JROTC students from Salem and Alvirne High Schools. Note: This class is not one of your eight credit classes. Enrollment applications are submitted through the AFJROTC instructors.

ART DEPARTMENT

Art classes offer students the opportunity to be creative using a variety of materials and techniques. Strong craftsmanship, careful planning and original ideas are requirements for all art classes. Students are expected to complete formative and summative assessments according to the art department competencies. *Art One fulfills the National and NH K- 12 Curriculum framework for the Arts.*

COURSE	CRS#	GRADE	CREDIT	LENGTH	College Credit Opportunity	4 th Math Experience
Advanced Drawing HNR (Fall)	ART213	10-12	1	Semester	*	
Advanced Painting HNR (Spring)	ART214	10-12	1	Semester	*	
Art 1	ART101	9-12	1	Semester		
Art 2 * ENR by contract	ART102	9-12	1	Semester		
Art 3 HNR	ART104	10-12	1	Semester		
Art History: Exploring Impressionism ENR	ART160	9-12	1/2	Quarter		
Art Studio 2-D Design AP	ART210	10-12	2	Year	*	
Art Studio 3-D Design AP	ART211	10-12	2	Year	*	
Art Studio Drawing AP	ART212	10-12	2	Year	*	
Ceramics * ENR by contract	ART130	9-12	1	Semester		π
Collaborative Art	ART200	10-12	1	Quarter		
Jewelry & Glass* ENR by contract (Not offered 2026-2027)	ART150	9-12	1	Semester		
Mural Painting ENR	ART161	10-12	1/2	Quarter		
Painting and Drawing * ENR by contract	ART120	10-12	1	Semester		
Sculpture * ENR by contract	ART140	9-12	1	Semester		π

ADVANCED DRAWING HNR- (offered Fall Semester) - Early College

CRS ART213 GRADE 10-12 CREDIT 1 S 1 BLOCK

All students must complete Art 1 and submit the [ADVANCED DRAWING FORM](#) in order to be considered for placement into this course. The completion of Art 2, or Painting and Drawing are recommended

This drawing intensive course follows the curriculum utilized at Great Bay Community College. Students will experiment with a variety of drawing media and become skilled in their usage. Students will also participate in the classroom discussions and critiques by offering viewpoints and opinions based on knowledge gained from drawing experiences. Various drawing media and techniques are explored in this course both in class and at home. Assignments are designed to build drawing observation skills necessary for visual communications. It is strongly encouraged that students take Art 2, or Painting and Drawing or higher before applying unless you have a recommendation from your Art 1 art teacher. **Note: Students taking this course will have the option of earning three college credits from Great Bay Community College. There would be a fee associated with this option. It will be offered for the 2026-2027 school year.**

ADVANCED PAINTING HNR- (offered Spring semester) - Early College

CRS ART214 GRADE 10-12 CREDIT 1 S 1 BLOCK

All students must complete Art 1 and submit the [ADVANCED PAINTING FORM](#) in order to be considered for placement into this course with preference to students who have taken Painting & Drawing and/or Art Two. This course is best when taken after Advanced Drawing

This painting intensive course follows the curriculum utilized at Great Bay Community College. This course is an introduction to the processes of painting through the investigation of materials, theories, and techniques. This course will explore painting media with an emphasis on color theory, color mixing, composition, and paint application on a variety of surfaces. The focus will be on creative approaches to painting and observational painting from life. Course curriculum includes slide lectures, discussions, critiques, and museum/gallery visits. This course pairs well with Advanced Painting and Art 3 Honors. **Note: Students taking this course will have the option of earning three college credits from Great Bay Community College. There would be a fee associated with this option. It will be offered for the 2026-2027 school year.**

ART 1

CRS ART101	GRADE 9-12	CREDIT 1	S	1 BLOCK
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This is a beginning course which includes study of the basic elements of Art: line, color, shape/form, pattern, texture, space and value. Students will develop drawing and designing skills and experience various techniques in the areas of drawing, painting, sculpture, printmaking and ceramics. Art One fulfills the National and NH K-12 Curriculum framework for the Arts. **Note: This class will fulfill the fine arts requirement for graduation beginning with the Class of 2030.**

ART 2 * ENR by contract

CRS ART102	GRADE 9-12	CREDIT 1	S	1 BLOCK
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All students must complete Art 1 to be considered for placement into this course

This is a continuation and expansion of Art 1, media and techniques. The following areas are included: drawing, painting, printmaking, three-dimensional design and ceramics. This course can now be offered as an Enriched course by filling out a form through your ART teacher.

ART 3 HNR

CRS ART104	GRADE 10-12	CREDIT 1	S	1 BLOCK
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All students must complete Art 1 and Art 2 to be considered for placement into this course

This course is for students with exceptional ability and a creative attitude. The direction of the course is partially determined by the interests of the group and may include experiences in drawing, painting, sculpture, photography, printmaking, and ceramics. Students are expected to develop original ideas and strive to develop their own style.

ART HISTORY: EXPLORING IMPRESSIONISM ENR

CRS ART160	GRADE 9-12	CREDIT 1/2	Q	1 BLOCK
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This course appeals to academically motivated and artistic students. During this quarter-long class, students will deep dive into learning, exploring and creating Impressionism artwork. The course will entail writing assignments, quizzes, art project exploration and a final reproduction art project at the end of the quarter.

ART STUDIO ART 2-D DESIGN AP

CRS ART210	GRADE 10-12	CREDIT 2	Y	1 BLOCK
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ART STUDIO ART 3-D DESIGN AP

CRS ART211	GRADE 10-12	CREDIT 2	Y	1 BLOCK
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ART STUDIO ART DRAWING AP

CRS ART213	GRADE 10-12	CREDIT 2	Y	1 BLOCK
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All students must complete Art 1 to be considered for placement into this course and receive written approval by visual arts educator.

Advanced Placement (AP) Art is a nationally standardized course. Requirements for completing the course and receiving credit vary each year based upon the requirements established by the College Board for Advanced Placement. In years past, students have been required to develop a portfolio with two sections. The quality section requires 5 works and the concentration section requires 15 works. Digital photographs of the work will be taken by the students and uploaded to the AP website. It is required by the end of first semester for the student to have completed 2/3 of all pieces of art required for their Advanced Placement portfolio exam as well as paying in full, all fees related to the AP Studio Art exam. The AP Art portfolio is due in May. Full completion and submission of the portfolio to the College Board is required to earn and maintain any credits from this course. This class may be taken three times, once for Drawing, once for 2-D design, and once for 3-D design. There is a fee associated with this course.

CERAMICS (π) * ENR by contract

CRS ART130	GRADE 9-12	CREDIT 1	S	1 BLOCK
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All students must complete Art 1 to be considered for placement into this course

This course includes both hand-built and wheel-thrown pottery techniques. Students are expected to plan their projects, practice ceramic techniques, and help recycle clay and care for the ceramics studio. Students are required to develop original ideas and to complete formative and summative assessments according to the competencies. This course can now be offered as an Enriched course by filling out a form through your ART teacher.

COLLABORATIVE ART

CRS ART200	GRADE 10-12	CREDIT 1/2	Q	1 BLOCK
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All Regular Ed students must complete Art 1 to be considered for placement into this course and complete an application to the Art Department. Special Education students will be selected by their IEP team. This class provides an exciting opportunity for students to share art. In this course a regular education student will be paired with a special education student to collaborate on art assignments. Each will contribute to the design and production of a variety of art works. There will be both jointly and independently created art works. This class may be taken more than once.

JEWELRY & GLASS * ENR by contract (Not offered 2026-2027)

CRS ART150	GRADE 9-12	CREDIT 1	S	1 BLOCK
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All students must complete Art 1 to be considered for placement into this course

Students taking this course will learn to create jewelry from everyday objects using glass, clay, metal, wire, plaster and paper to list a few. Experience the process of small scale production while creating necklaces, pendants, bracelets, beads, rings, and ornamental items. Students are required to develop original ideas and to complete formative and summative assessments according to the competencies. **Note:** This course can now be offered as an Enriched course by filling out a form through your ART teacher. (Not offered 2026-2027)

MURAL PAINTING ENR

CRS ART161	GRADE 10-12	CREDIT 1/2	Q	1 BLOCK
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All students must complete Art 1 to be considered for placement into this course

In this course, students will gain a deeper understanding of painting; this includes, but is not limited to color mixing, color theory, art programs and techniques to develop ideas and drawing skills. Students will learn about the stages of mural painting, from idea conception to completion of product. Based on interest and time, students will be creating murals in the school district and potentially the Rochester community.

PAINTING AND DRAWING * ENR by contract

CRS ART120 GRADE 10-12 CREDIT 1 S 1 BLOCK

All students must complete Art 1 to be considered for placement into this course

Advanced drawing and painting skills are expected of students who enroll in this course. This course may cover still-life, landscape, figure and portrait drawing with pencil, ink, conte, watercolor, pastels and acrylics. Students are required to develop original ideas and to complete formative and summative assessments according to the Art Department competencies. This course can now be offered as an Enriched course by filling out a form through your ART teacher.

SCULPTURE(π) * ENR by contract

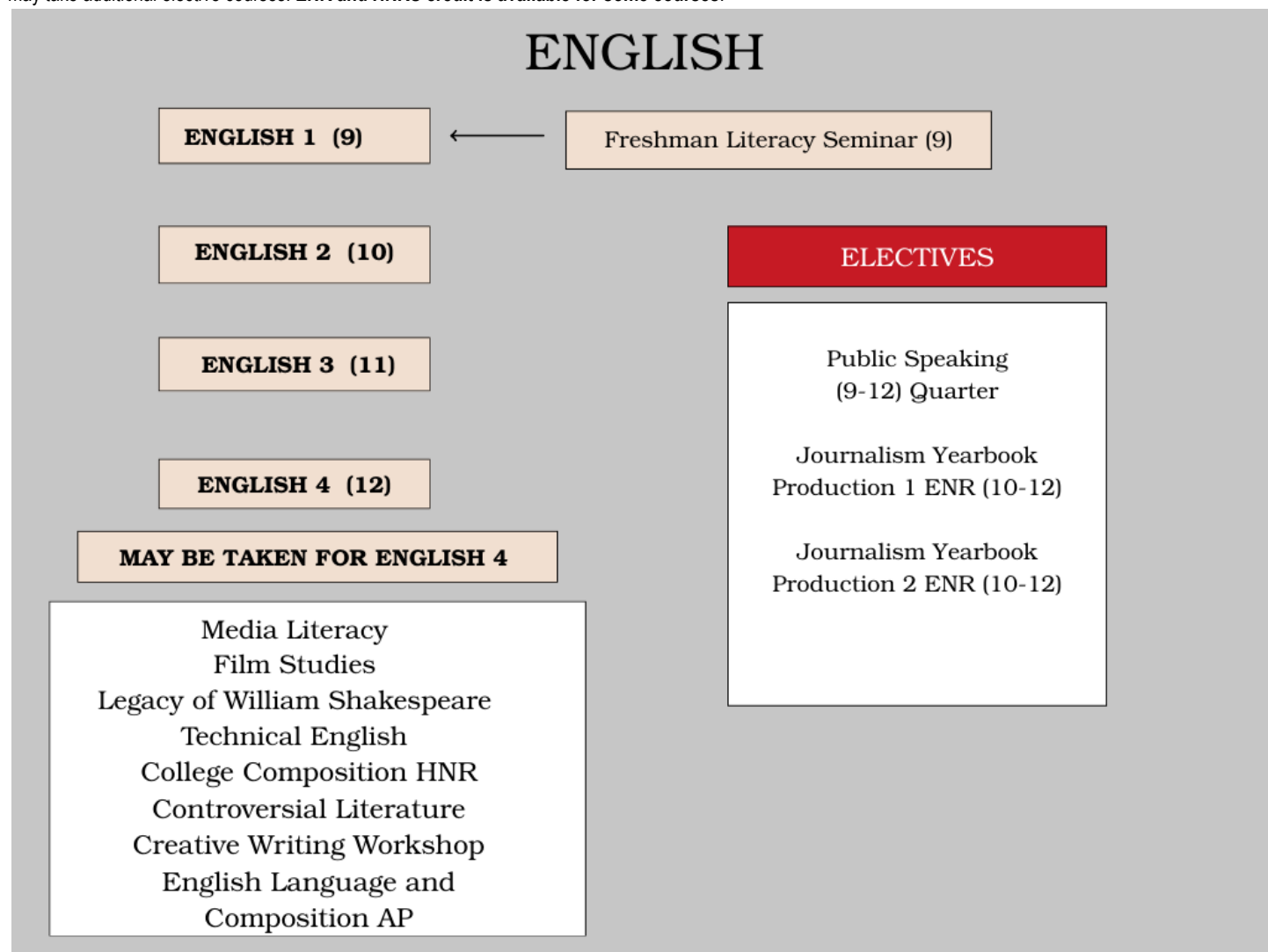
CRS ART140 GRADE 9-12 CREDIT 1 S 1 BLOCK

All students must complete Art 1 to be considered for placement into this course

Students who take this course learn to make three-dimensional objects. Sculptural techniques include modeling, carving and construction. Materials used may include wire, plaster and papier-mâché, etc. Study of historic sculpture and sculptors is introduced when appropriate. Students are required to develop original ideas and to complete formative and summative assessments according to the competencies. This course can now be offered as an Enriched course by filling out a form through your ART teacher.

ENGLISH DEPARTMENT

Competency in English requires the development of reading, writing, speaking and listening skills. Courses offered seek to enhance students' abilities in these areas. The selection of materials attempts to serve students' interests and comprehension. Because of the complexity of the world, the English Department maintains a solid but flexible program "to prepare each individual to meet the changing problems of living by training individuals to think critically, to recognize opinion, to make judgments based upon humanitarian principles, to maintain a positive attitude, and to have a feeling of achievement." Students who have a particular interest area may take additional elective courses. **ENR and HNRS credit is available for some courses.**



- Students will not take English 2 until they pass English 1.
- Students will not take English 3 until they pass English 1 and 2.
- Students will not take English 4 until they pass English 1, 2, and 3.
- Students will not take two core English classes in a semester. Students may simultaneously take a core English and an elective.
- Students who take ESOL fulfill a core English requirement.
- Students will have required summer reading in honors level classes.

COURSE	CRS#	GRADE	CREDIT	LENGTH	College Credit Opportunity
College Composition HNR	ENG151	12	1	Semester	*
Controversial Literature	ENG175	12	1	Semester	
Controversial Literature ENR	ENG176	12	1	Semester	
Creative Writing Workshop	ENG170	12	1	Semester	
Creative Writing Workshop ENR	ENG171	12	1	Semester	
English 1	ENG110	9	1	Semester	
English 1 ENR	ENG111	9	1	Semester	
English 1 HNR	ENG112	9	1	Semester	
English 2	ENG120	10	1	Semester	
English 2 ENR	ENG121	10	1	Semester	
English 2 HNR	ENG122	10	1	Semester	
English 3	ENG130	11	1	Semester	
MOWR English 3	ENG131	11	1	Semester	
English 3 ENR	ENG132	11	1	Semester	
MOWR English 3 ENR	ENG133	11	1	Semester	
English 3 HNR	ENG134	11	1	Semester	
English 4	ENG140	12	1	Semester	
MOWR English 4	ENG141	12	1	Semester	
English 4 ENR	ENG142	12	1	Semester	
MOWR English 4 ENR	ENG143	12	1	Semester	
English Language and Composition AP	ENG150	11 or 12	2	Year	*
Film Studies	ENG155	12	1	Semester	
Film Studies ENR	ENG156	12	1	Semester	
Freshman Literacy Seminar	ENG100	9	1/2	Semester Mini	
Journalism Yearbook Production 1 ENR	ENG182	10-12	1	Semester	
Journalism Yearbook Production 2 ENR	ENG184	10-12	1	Semester	
Legacy of William Shakespeare ENR	ENG166	12	1	Semester	
Legacy of William Shakespeare HNR	ENG167	12	1	Semester	
Media Literacy	ENG160	12	1	Semester	
Media Literacy ENR	ENG161	12	1	Semester	
Public Speaking ENR	ENG162	9-12	1/2	Quarter	
Technical English	ENG144	12	1	Semester	
ESOL – S Mini (English for Speakers of Other Languages)	ES110	9-12	½	Semester- Mini	
ESOL – Q (English for Speakers of Other Languages)	ES111	9-12	½	Quarter	

COLLEGE COMPOSITION HNR - Early College

CRS ENG151 GRADE 12 CREDIT 1 S 1 BLOCK

PREREQUISITE: Competency in English 3 HNR or ENR

This writing-intensive course follows the curriculum utilized at Great Bay Community College. Students will learn to write clearly and effectively for defined audiences through a variety of stages. Emphasis is on the writing process, from drafting through prewriting, 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, analytic and interpretive skill, research, logic and rhetoric, and writing models. **Note: Students taking this course will have the option of earning four college credits. There would be a fee associated with this option.**
Note: This course satisfies the English 4 credit requirement. Note: Summer reading is required.

CONTROVERSIAL LITERATURE

CRS ENG175 GRADE 12 CREDIT 1 S 1 BLOCK

CONTROVERSIAL LITERATURE ENR

CRS ENG176 GRADE 12 CREDIT 1 S 1 BLOCK

What books don't some people want you to read? Many best-loved books have been challenged or banned by people who object to their work. This course delves into the history of book banning and current censorship in the United States. We will define intellectual freedom, discuss the first and fourteenth amendments as challenged in court censorship cases, and debate censorship in a variety of literary works, ranging from children's books to young adult novels, with an emphasis on close reading of each text and what led to its banning. This class writes various essays, including descriptive writing and an argument task using logic and rhetoric. **Class participation is important in this course.** Literary titles include, but are not limited to: *The Perks of Being a Wallflower*, *The Color Purple*, and, *The Curious Incident of the Dog in the Night-time*, a novel choice, and various short stories.. The Enriched student should expect reading and writing to be more intensive and rigorous than the Standard level. **Note: This course satisfies the English 4 credit requirement.**

CREATIVE WRITING WORKSHOP

CRS ENG170 GRADE 12 CREDIT 1 S 1 BLOCK

CREATIVE WRITING WORKSHOP ENR

CRS ENG171 GRADE 12 CREDIT 1 S 1 BLOCK

This course is designed for the student who enjoys writing creatively and wants to improve their writing skills. Students create original fiction and poetry as well as other creative forms such as personal essays, and an argument task using logic and rhetoric. A writing workshop approach is utilized to emphasize writing as a process, including peer editing, teacher commentary and multiple drafts. Course materials include writing samples from students as well as published sources for each type of writing. To enhance their own skills as writers, students will also engage in extensive reading. Texts: *The Things They Carried*, *The Perks of Being a Wallflower*, short stories, and choice novel. Enriched students should expect reading and writing to be more intensive and rigorous than the Standard level. **Note:** This course satisfies the English 4 credit requirement.

ENGLISH 1

CRS ENG110 GRADE 9 CREDIT 1 S 1 BLOCK

English 1 includes a study of grammar, usage & mechanics, vocabulary, composition, speech, literary terms, and the NWEA* assessment. English 1 students will complete a short story unit and literary selections may include, but are not limited to: *The Tragedy of Romeo and Juliet*, *The House on Mango Street*, and *Animal Farm*.

ENGLISH 1 ENR

CRS ENG111 GRADE 9 CREDIT 1 S 1 BLOCK

The curriculum includes an intensive study of grammar, usage & mechanics, vocabulary, speech, composition, literature, and the NWEA assessment. Short story and literary selections may include, but are not limited to: *The Tragedy of Romeo and Juliet*, *The Other Wes Moore*, *The House on Mango Street*, and *Animal Farm*.

ENGLISH 1 HNR

CRS ENG112 GRADE 9 CREDIT 1 S 1 BLOCK

The curriculum includes an intensive study of grammar, usage & mechanics, vocabulary, speech, composition, literature, and the NWEA assessment. In addition to a study of the elements of the short story, students will read *The Tragedy of Romeo and Juliet*, *The Other Wes Moore*, and *The House on Mango Street*. Additional texts may include: *Anthem*, and *Animal Farm*. **Note: Summer reading is required.**

ENGLISH 2

CRS ENG120 GRADE 10 CREDIT 1 S 1 BLOCK

English 2 includes a study of grammar, word usage, vocabulary, composition, speaking and listening skills, literary terms, digital literacy, and the four basic literary genres. Works studied include: *For One More Day*, *Night*, *The Wave*, *Of Mice and Men*, *Night* and short stories. A required writing portfolio will include an analytical essay, a research-based argument essay, a narrative essay, and a portfolio evaluation essay.

ENGLISH 2 ENR

CRS ENG121 GRADE 10 CREDIT 1 S 1 BLOCK

English 2 ENR includes a study of grammar, usage and mechanics, vocabulary, composition, speaking and listening skills, literary terms, digital literacy, and the four basic literary genres. Students will be expected to devote considerable time to independent reading and writing. Works studied include: *To Kill a Mockingbird*, *Night*, *Of Mice and Men*, *The Wave*, *A Midsummer Night's Dream* and selected short stories. A required writing portfolio will include an analytical essay, a research-based argument essay, a narrative essay, and a portfolio evaluation essay.

ENGLISH 2 HNR

CRS ENG122 GRADE 10 CREDIT 1 S 1 BLOCK

Students are required to do extensive reading and writing and expected to participate in class discussion. English 2 Honors includes a study of grammar, usage and mechanics, vocabulary, composition, speaking and listening skills, literary terms, digital literacy, and the four basic literary genres. Works studied may include *The Catcher in the Rye*, *To Kill a Mockingbird*, *Night*, *The Wave*, *Of Mice and Men*, *The Hate U Give*, *A Midsummer Night's Dream*, and selected short stories and poems. A required writing portfolio will include an analytical essay, a research-based argument essay, a narrative essay, and a portfolio evaluation essay. **Note: Summer Reading is required.**

ENGLISH 3

CRS ENG130 GRADE 11 CREDIT 1 S 1 BLOCK

MOWR ENGLISH 3

CRS ENG131 GRADE 11 CREDIT 1 S 1 BLOCK

English 3 explores the American Identity and its recurring themes through short stories, poetry, and novels. Literary selections may include, but are not limited to: *Into the Wild*, *The Absolutely True Diary of a Part-Time Indian*, *The Crucible*, and others. Reading comprehension, grammar and writing skills, and vocabulary development are emphasized. Major writing assignments include a research-based argument, SAT writing, and analytical compositions.

ENGLISH 3 ENR

CRS ENG132 GRADE 11 CREDIT 1 S 1 BLOCK

MOWR ENGLISH 3 ENR

CRS ENG133 GRADE 11 CREDIT 1 S 1 BLOCK

English 3 ENR explores the American Identity and its recurring themes through short stories, poetry, and novels. Titles may include, but are not limited to: *Into the Wild*, *The Absolutely True Diary of a Part-Time Indian*, *The Crucible*, and *The Great Gatsby*. Content is generally balanced among reading, class discussions, grammar, composition, vocabulary development, collaborative activities, and oral presentations. Students are required to do extensive reading and writing. Major writing assignments include a research-based argument, SAT writing, and analytical compositions.

ENGLISH 3 HNR

CRS ENG134 GRADE 11 CREDIT 1 S 1 BLOCK

English 3 Honors explores the American Identity and its recurring themes through short stories, poetry, and novels. Major works include, but are not limited to: *Into the Wild*, *The Crucible*, *The Great Gatsby*, *The Awakening*, and *Their Eyes Were Watching God*. Content is generally balanced among reading, class discussions, Socratic seminars, grammar, composition, vocabulary development, collaborative activities, and oral presentations. Students are required to do extensive reading and writing. Major writing assignments include a research-based argument, SAT writing, and analytical compositions. **Note: Summer reading is required.**

ENGLISH 4

CRS ENG140 GRADE 12 CREDIT 1 S 1 BLOCK

MOWR ENGLISH 4

CRS ENG141 GRADE 12 CREDIT 1 S 1 BLOCK

English 4 focuses on the study of world literature as represented in novels, media, film, and nonfiction works. This course is designed to strengthen communication, critical thinking, logic and rhetoric, and writing skills. Literature to be studied includes *A Long Way Gone*, *Born a Crime*, and *Persepolis*, in addition to other titles. Students will increase their awareness of language, develop writing abilities, and engage in team learning and group projects.

ENGLISH 4 ENR

CRS ENG142 GRADE 12 CREDIT 1 S 1 BLOCK

MOWR ENGLISH 4 ENR

CRS ENG143 GRADE 12 CREDIT 1 S 1 BLOCK

English 4 ENR focuses on the study of world literature as represented in novels, media, and nonfiction works. This course is designed to strengthen critical thinking skills, improve critical writing skills, logic and rhetoric, and increase universal literacy skills. Literature to be studied includes *A Long Way Gone*, *Born a Crime*, *Persepolis*, and a choice novel in addition to other titles. Students will utilize analytical reading and thinking, increase their knowledge of language, develop creative and expository writing abilities, deliver oral presentations, and engage in team learning and group projects.

ENGLISH LANGUAGE AND COMPOSITION AP

CRS ENG150 GRADE 11 & 12 CREDIT 2 Y 1 BLOCK

This course encompasses a study of non-fiction literature and novels, including *In Cold Blood* and *Heart of Darkness*. Goals for Advanced Placement (AP) English Language and Composition focuses on how written language functions rhetorically. Written tasks include informal compositions, and argumentative, expository, and synthesis essays. Classroom discussion and active participation are essential. Ultimately, the course prepares students for success on the AP Language and Composition Exam in May. **Note: This course satisfies the English 3 or 4 credit requirement. Note: Summer reading is required.**

FILM STUDIES

CRS ENG155 GRADE 12 CREDIT 1 S 1 BLOCK

FILM STUDIES ENR

CRS ENG156 GRADE 12 CREDIT 1 S 1 BLOCK

How are film, literature, and writing connected? Film Studies will explore this concept through viewing and analyzing films from a variety of genres, as well as focusing on various aspects of film terms and conventions. The class will read short stories, essays, and novels that relate to the films being viewed, and there will be writing assignments to critique and expand upon the topics being studied. This is a discussion-based class, and it satisfies the English 4 credit requirement. The Enriched students should expect the reading and writing, as well as the grading, to be more rigorous than the standard level. **Note: This course satisfies the English 4 credit requirement.**

FRESHMAN LITERACY SEMINAR

CRS ENG100 GRADE 9 CREDIT ½ S-mini 1 BLOCK

Freshman Literacy Seminar is a foundational program to facilitate the development of stronger literacy skills. Students taking this course will learn techniques for succeeding in reading and writing at the high school level. Students will engage in word study, a variety of writing, and grammar exercises for better organized, well-written work. Additionally, students will read a variety of short stories, poems, and other texts to become familiar with the elements of literature and develop analytical skills, thereby improving reading comprehension. **Note: Permission must be granted from the following team of people: parent, student, teacher, school counselor, and administrator. Students who take Freshman Literacy Seminar will take English I the following semester. Freshman Literacy does not satisfy the English I requirement.**

JOURNALISM YEARBOOK PRODUCTION 1 ENR

CRS ENG182 GRADE 10-12 CREDIT 1 S 1 BLOCK

This course introduces tomorrow's journalists to the fundamentals of covering and writing news. The readings, discussions, exercises and assignments of this course are designed to help students acquire journalistic skills and understand how to exercise them wisely. Students should expect to publish their stories in a school publication or broadcast. Additionally, students enrolled in this course will develop an understanding of the many aspects of producing the SHS Yearbook: marketing, business relations skills, advertising, interviewing, accounting, editing, final cropping, designing layouts and cooperative learning skills. Students who successfully complete this course are invited to apply to be an editor the following year and take the Yearbook 2 course.

JOURNALISM YEARBOOK PRODUCTION 2 ENR

CRS ENG184 GRADE 10-12 CREDIT 1 S 1 BLOCK

PREREQUISITE: Journalism Yearbook Production 1, B or better in English, and instructor approval.

Students enrolled in this course have decided that they wish to continue being a part of the SHS Triangle Yearbook staff and school publication; they have applied and been selected by the advisors as editors. Students will work closely with each other, the advisor and the staff to create the SHS yearbook/school publication, and further develop the skills that they learned in the Journalism Yearbook 1 course. Students should be independent learners who can manage their time and deadlines effectively.

LEGACY OF WILLIAM SHAKESPEARE ENR

CRS ENG165 GRADE 12 CREDIT 1 S 1 BLOCK

LEGACY OF WILLIAM SHAKESPEARE HNR

CRS ENG166 GRADE 12 CREDIT 1 S 1 BLOCK

"All the world's a stage" in this literature and discussion course devoted to the life and works of the bard: William Shakespeare. Along with the sonnets, tragedies and comedies, such as Othello, Much Ado About Nothing, Twelfth Night, Taming of the Shrew, Macbeth, The Tempest, Hamlet and The Merchant of Venice, are studied both within the context of English Renaissance culture and for the timeless, universal appeal of the stories. The plays are reviewed via a range of media: text, film, audio recording, and live performance when possible. Students should expect writing, reading, discussion, and a study of logic and rhetoric. The Honors level student should expect writing, reading and discussion expectations to be more rigorous than at the Enriched level. **Note: This course satisfies the English 4 credit requirement. Note: Summer reading is required for the HNR level.**

MEDIA LITERACY

CRS ENG160 GRADE 12 CREDIT 1 S 1 BLOCK

MEDIA LITERACY ENR

CRS ENG161 GRADE 12 CREDIT 1 S 1 BLOCK

Media Literacy focuses on the study of thematic units such as dystopia and propaganda, culture, identity, and being an informed consumer. In this course, students will utilize analytical reading and thinking, increase their knowledge of language, logic and rhetoric, and develop creative and expository writing abilities. Students will learn to interpret, write about, and respond to various forms of media. Students who wish to take this interdisciplinary course must be willing to work on projects outside of class, and engage in public speaking. The enriched student should expect the reading and writing, as well as the grading, to be more rigorous than the standard level. **Note: This course satisfies the English 4 credit requirement.**

PUBLIC SPEAKING ENR

CRS ENG162 GRADE 9-12 CREDIT 1/2 Q 1 BLOCK

This course is designed to build confidence, clarity, and effectiveness in spoken communication. Students will learn the principles of speech organization, delivery, and audience engagement while practicing speaking in a variety of formats to a variety of audiences, including informative, persuasive, and impromptu presentations. Emphasis is placed on developing clear messaging, using appropriate body language and vocal techniques, and adapting to different audiences and purposes. Through practice, feedback, and reflection, students will strengthen both their presentation skills and their ability to listen and respond thoughtfully. By the end of the course, students will be prepared to speak with confidence in academic, professional, and everyday settings. Students who take this course should be prepared to speak with and without live audiences often on a variety of topics.

TECHNICAL ENGLISH

CRS ENG144 GRADE 12 CREDIT 1 S 1 BLOCK

This class is designed for students enrolled in a CTE program or who may attend a technical school, enroll in a technical program, or go directly into the workforce. This course will include various forms of reading, writing, language, and speaking/listening/viewing skills that support this pathway. There will be a focus on using relevant informational text, technical writing, general business communication, collaboration, logic and rhetoric, and problem solving. **Note: This course satisfies the English 4 credit requirement.**

ENGLISH FOR SPEAKERS OF OTHER LANGUAGES (ESL-Q) QUARTER COURSE

CRS ES111 GRADE 9-12 CREDIT 1/2 Q 1 BLOCK

ENGLISH FOR SPEAKERS OF OTHER LANGUAGES (ESL-S- MINI) SEMESTER COURSE

CRS ES110 GRADE 9-12 CREDIT 1/2 S MINI BLOCK

This course is open to beginning through advanced students who need support in using the English language in the curriculum. Reading comprehension, writing, grammar, vocabulary, and English literature will be studied. Students will have individual goals based on their English proficiency. Their curriculum materials may be modified, and they will receive extra instruction for their mainstream classes.

FAMILY & CONSUMER SCIENCES

The Department of Family & Consumer Sciences faces the responsibility of providing for and enhancing the intellectual, social and moral development of youth today. The department maintains a flexible program to help each student meet the changing problems of living in contemporary society. Each course assists students in evaluating their own resources and attitudes, obtaining new skills and setting priorities in their lives.

COURSE	CRS#	GRADE	CREDIT	LENGTH	4 th Math Experience	College Credit Opportunity
Collaborative Creative Fabrics	FCS103	10-12	½	Quarter	π	
Creative Stitching 1	FCS111	9-12	1	Semester	π	
Creative Stitching 2	FCS112	10-12	1	Semester	π	
Early Childhood Development	FCS102	9-12	½	Quarter		
Everyday Cooking	FCS107	10-12	½	Quarter	π	
Fundamentals of Cooking	FCS101	11-12	½	Quarter	π	
House and Home Decor	FCS105	9-12	½	Quarter	π	
International Cuisine	FCS106	10-12	½	Quarter	π	
Intro to Cooking	FCS104	9-10	½	Quarter	π	
Relationships	FCS110	11-12	½	Quarter		

COLLABORATIVE CREATIVE FABRICS (π)

CRS FCS103 GRADE 10-12 CREDIT 1/2 Q 1 BLOCK

PREREQUISITE: Application to FCS Department. Special Education students will be selected by the IEP team.

In this course a regular education student will be paired with a special education student to collaborate on creative fabric projects. Each will contribute to the design and production of a variety of fabric projects. Regular education students need permission to take this course. Regular education students need permission to take this course.

CREATIVE STITCHING 1 (π)

CRS FCS111 GRADE 9-12 CREDIT 1 S 1 BLOCK

Emphasis in this course is on the fundamental techniques of sewing.

Students learn by constructing garments, holiday decorations and small projects such as stuffed animals, sweats, sport bags, cross stitch, pillows, picture frames and a whole lot more!

CREATIVE STITCHING 2 (π)

CRS FCS112 GRADE 10-12 CREDIT 1 S 1 BLOCK

PREREQUISITE: Creative Stitching 1 or permission from instructor.

In this course students will expand upon the sewing fundamentals learned in Creative Stitching 1. More advanced quilting and clothing construction techniques will be explored.

EARLY CHILDHOOD DEVELOPMENT

CRS FCS102 GRADE 9-12 CREDIT 1/2 Q 1 BLOCK

This course explores the physical, cognitive, emotional, and social development of children from birth through preschool age. Students will learn how children grow and learn during these early years, develop positive social and emotional habits, and gain practical knowledge on creating safe, supportive, and nurturing environments. The course also emphasizes professionalism: teaching students how to model respectful, responsible, and appropriate behaviors as both preschool teachers and parents.

EVERYDAY COOKING (π)

CRS FCS107 GRADE 10-12 CREDIT 1/2 Q 1 BLOCK

Students will be introduced to food planning, preparation, and budgeting. Emphasis will be placed on the daily application of cooking and baking common, everyday meals and snacks with a focus on traditional, everyday American cuisine, on budget-friendly, quick to prep, seasonal, holiday, and classic New England dishes. Through hands-on activities and guided instruction, students will practice meal organization, cost-effective grocery planning, and continue to practice kitchen skills.

FUNDAMENTALS OF COOKING (π)

CRS FCS101 GRADE 11-12 CREDIT 1/2 Q 1 BLOCK

This hands-on course is ideal for students who will be living and cooking on their own for the first time. It focuses on beginner, everyday cooking skills, kitchen safety and sanitation, and effective teamwork. Students will prepare a variety of quick and easy foods and snacks, making this class perfect for anyone looking to cook independently and successfully. Throughout the course, students are expected to work professionally and respectfully in groups, communicate clearly, and collaborate to complete tasks and achieve successful results in the kitchen.

HOUSE AND HOME DECOR (π)

CRS FCS105 GRADE 9-12 CREDIT 1/2 Q 1 BLOCK

In this course, students will explore the trends in housing in terms of both style as well as decor. Students will explore the basic systems that help a home function smoothly and effectively. Through the study of design and color trends, students will develop their own style and complete a design and decor project that explains their choices. **Note: This class will fulfill the fine arts requirement for graduation.**

INTERNATIONAL CUISINE (π)

CRS FCS106 GRADE 10-12 CREDIT 1/2 Q 1 BLOCK

This hands-on course introduces students to the diverse flavors and cooking techniques of European, Central & South American, and Asian cuisine. Students will prepare a variety of popular dishes from each region while exploring the ingredients and traditions that define them and why certain foods are central to each culture

INTRO TO COOKING (π)

CRS FCS104 GRADE 9-10 CREDIT 1/2 Q 1 BLOCK

This hands-on course introduces the fundamentals of cooking and baking with an emphasis on the daily application of practical cooking techniques, kitchen safety and sanitation, and effective teamwork. Throughout the course, students will create a variety of foods and snacks, making it a class for anyone eager to learn real-world cooking and baking skills. Students are expected to work professionally and respectfully in groups, communicate clearly, and collaborate effectively to complete tasks and ensure successful results in the kitchen.

RELATIONSHIPS

CRS FCS110 GRADE 11-12 CREDIT 1/2 Q 1 BLOCK

This course includes the study of self-esteem, communication, relationships and other related aspects of adult life. The relationship between personal, family, and social issues will be examined through critical thinking projects. Some topics will be chosen by students.

MATHEMATICS DEPARTMENT

The goal of the Mathematics Department is to provide a complete, in-depth program of studies that best meets the needs of the individual student. Three levels accomplish this goal: 1) **Standard**, 2) **Enriched** and 3) **Honors**. Refer to the Math Flow Chart to see course sequences.

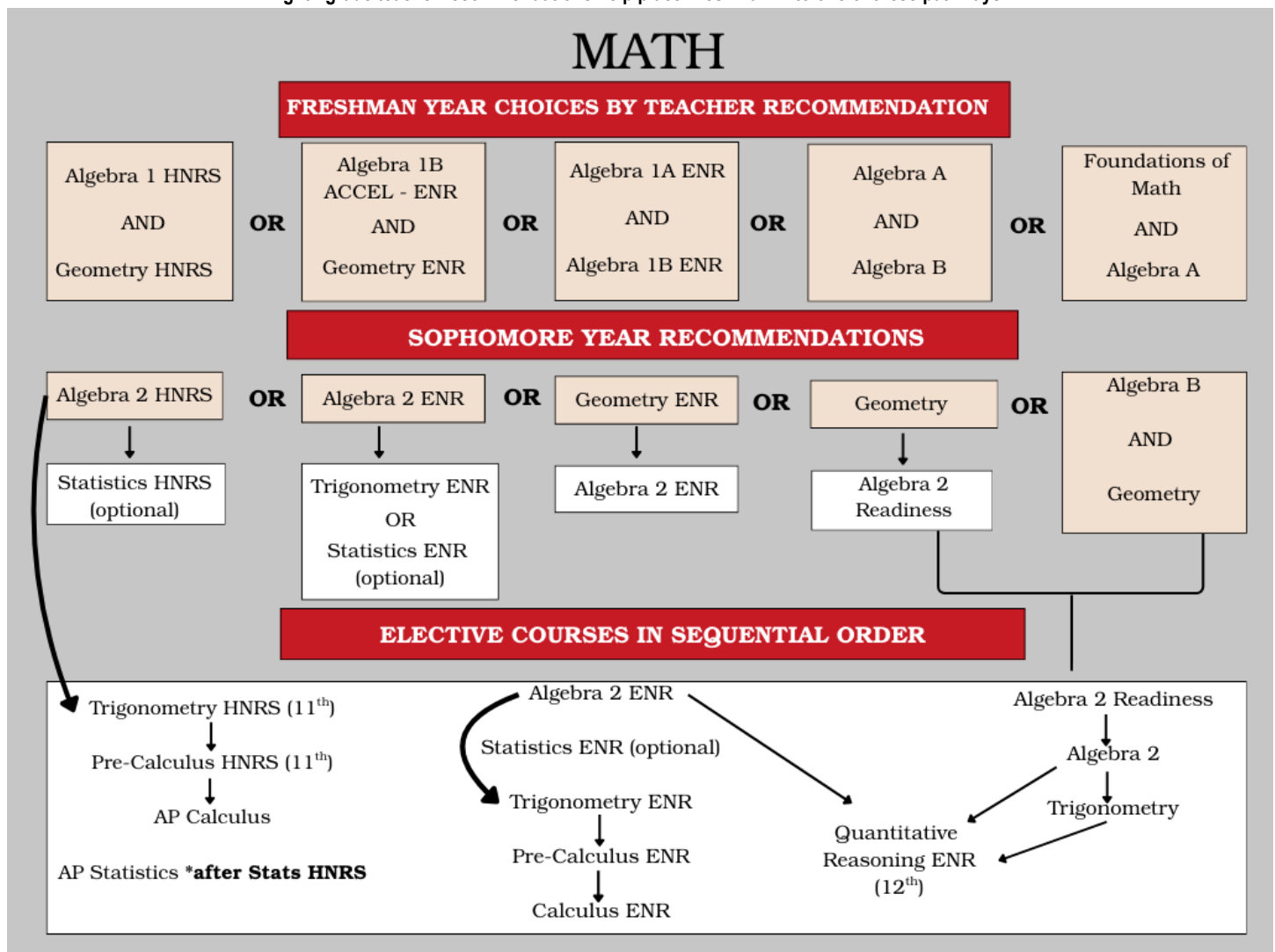
Standard math courses are intended for students who desire to attend a two-year technical college or a four-year college in a non-math related field. Eighth GRADERS that have successfully completed 8th GRADE math but who are not ready for Algebra as ninth GRADERS may be recommended to take Pre-Algebra or Algebra A by their eighth GRADE math teacher. Students that have completed Algebra A and Algebra B will have covered the concepts in Algebra 1 course.

Enriched math courses are intended for students who plan to attend a community college or a university. Eighth GRADERS that have successfully completed 8th GRADE math or struggled with GRADE 8 Algebra are advised to elect Algebra 1A ENR & Algebra 1B ENR as ninth GRADERS. Eighth GRADERS that have completed Algebra 1A ENR may be recommended to take Algebra 1B ACC ENR and Geometry ENR as ninth GRADERS. Final course and level placement is determined by the eighth GRADE math teacher.

Honors math courses are intended for students who plan to attend a college or university and desire to take Advanced Placement Statistics or Advanced Placement Calculus as high school seniors. Eighth GRADERS that have completed GRADE 8 Algebra 1A ENR with an A **and have a teacher recommendation** are advised to elect Algebra 1 HNR & Geometry HNR as Ninth GRADERS.

NOTE: Although the competencies may be the same for all levels, the manner in which you are assessed and demonstrate knowledge will be differentiated. Students who elect to take this course at higher levels should expect greater rigor, increased pacing and more independent learning experiences. Students will be expected to demonstrate greater depth of understanding and the ability to communicate course content effectively.

Eighth grade teacher recommendations help place Freshman into one of these pathways.



Note: Equivalent of Algebra 1 concepts. Completion of Algebra A & B, Algebra 1A & 1B ENR, 8th GRADE Algebra & either Algebra 1B ACC ENR or Algebra 1 HNR

Note: Geometry is the minimum requirement for graduation for the Spaulding High School 26 credit diploma.

Note: Students are recommended to elect their math courses in sequential semesters to avoid gapping.

Note: Students are encouraged to change levels based on teacher recommendation. Please see Guidance for the correct form for All Level changes

Note: SAT test topics are covered through Algebra 2

	Honors	Enriched Accelerated	Enriched	Standard Options	
Freshman Year	Algebra 1 HNR Geometry HNR	Algebra 1B ACC-ENR Geometry ENR	Algebra 1A ENR Algebra 1B ENR	Algebra A Algebra B	Pre-Algebra Algebra A
Sophomore Year	Algebra 2 HNR Statistics HNR (optional)	Algebra 2 ENR Trigonometry ENR Statistics ENR (optional)	Geometry ENR Algebra 2 ENR	Geometry Algebra 2 Readiness	Algebra B Geometry
Junior and Senior Year	Students should elect courses using the flowchart. Please follow all prerequisites and recommendations listed in the course descriptions. All students are required to “engage with and apply mathematics during every year they are enrolled.” (Courses that meet this requirement are denoted by a (π) in the 4th math experience column in various department listings)				

COURSE	CRS#	GRADE	CREDIT	LENGTH	College Credit Opportunity
Algebra A	MA101	9-10	1	Semester	
Algebra B	MA102	9-10	1	Semester	
Algebra 1A ENR	MA103	9	1	Semester	
Algebra 1B ENR	MA104	9	1	Semester	
Algebra 1B Accelerated ENR (Fall ONLY)	MA105	9	1	Semester	
Algebra 1 HNR (Fall ONLY)	MA106	9	1	Semester	
Algebra 2	MA120	10-12	1	Semester	
MOWR Algebra 2	MA121	10-12	1	Semester	
Algebra 2 ENR	MA122	10-11	1	Semester	
MOWR Algebra 2 ENR	MA123	10-11	1	Semester	
Algebra 2 HNR (Fall ONLY)	MA124	10	1	Semester	
MOWR Algebra 2 HNR (Fall ONLY)	MA125	10	1	Semester	
Algebra 2 Readiness	MA160	10-12	1	Semester	
Calculus AP- MOWR (Fall ONLY)	MA145	12	1	Semester	*
Calculus ENR- MOWR	MA144	11-12	1	Semester	*
Foundations of Math (previously known as Pre-Algebra)	MA107	9	1	Semester	
Geometry	MA110	10-12	1	Semester	
Geometry ENR	MA111	9-10	1	Semester	
Geometry HNR (Spring ONLY)	MA112	9	1	Semester	
Money Management	MA115	10-12	1	Quarter	
Pre-Calculus ENR	MA140	11-12	1	Semester	
MOWR Pre-Calculus ENR	MA141	11-12	1	Semester	
Pre-Calculus HNR (Spring ONLY)	MA142	11-12	1	Semester	
MOWR Pre-Calculus HNR (Spring ONLY)	MA143	11-12	1	Semester	
Quantitative Reasoning ENR	MA170	12	1	Semester	*
Statistics ENR	MA150	10-12	1	Semester	
Statistics HNR (Spring ONLY)	MA151	10-11	1	Semester	
Statistics AP	MA152	11-12	1	Semester	*
Trigonometry	MA130	11-12	1	Semester	
MOWR Trigonometry	MA131	11-12	1	Semester	
Trigonometry ENR	MA132	10-12	1	Semester	
MOWR Trigonometry ENR	MA133	10-12	1	Semester	
Trigonometry HNR (Fall ONLY)	MA134	11-12	1	Semester	
MOWR Trigonometry HNR (Fall ONLY)	MA135	11-12	1	Semester	

ALGEBRA A

CRS MA101 GRADE 9-10 CREDIT 1 S 1 BLOCK

This course expands on the ideas learned in Pre- Algebra and/or 8th GRADE math. Algebra A topics include: properties of arithmetic, expressions, ratios and proportions, linear equations and inequalities, graphs and lines, systems of linear equations and inequalities, and an introduction to functions. **Note: Students are recommended for Algebra A and B by their eighth GRADE math teacher. Students that successfully complete Algebra A and B will have covered the concepts of Algebra 1.**

ALGEBRA B

CRS MA102 GRADE 9-10 CREDIT 1 S 1 BLOCK

PREREQUISITE: Algebra A or Algebra 1A ENR

This course expands on the ideas learned in Algebra A. Algebra B topics include: non-linear equations, exponents, radicals, polynomials, quadratics, data analysis, statistics, and probability. **Note: Students are recommended for Algebra A and B by their eighth GRADE math teacher. Students that successfully complete Algebra A and B will have covered the concepts of Algebra 1.**

ALGEBRA 1A ENR

CRS MA103	GRADE 9-10	CREDIT 1	S	1 BLOCK
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This course is a rigorous study of topics that include: properties of arithmetic, expressions, ratios and proportions, linear equations and inequalities, graphs and lines, systems of linear equations and inequalities, and introduction to functions. **Note: Students are recommended for Algebra 1A ENR and 1B ENR by their eighth GRADE math teacher. Students that successfully complete Algebra 1A ENR and 1B ENR will have covered the concepts of Algebra 1.**

ALGEBRA 1B ENR

CRS MA104	GRADE 9	CREDIT 1	S	1 BLOCK
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PREREQUISITE: Algebra A or Algebra 1A ENR

This course is a rigorous study of topics that expand on the ideas learned in Algebra 1A ENR. New topics include: non-linear, rational functions and equations, exponents, radicals, polynomials and quadratics, data analysis, statistics, and probability. **Note: Students are recommended for Algebra 1A ENR and 1B ENR by their eighth GRADE math teacher. Students that successfully complete Algebra 1A ENR and 1B ENR will have covered the concepts of Algebra 1.**

ALGEBRA 1B ACCELERATED ENR (Fall semester course)

CRS MA105	GRADE 9	CREDIT 1	S	1 BLOCK
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This course is a rigorous study of topics that expand on the ideas learned in 8th GRADE Algebra. Topics include: using Algebra to describe patterns of change, linear systems, powers and roots, quadratic equations and functions, radical equations, rational equations, polynomials, data analysis, statistics, and probability. **Note: Students are recommended for Algebra 1B ACCELERATED-ENR and Geometry ENR by their eighth GRADE math teacher after successful completion of 8th GRADE Algebra. Both courses should be elected in the freshman year.**

ALGEBRA 1 HNR (Fall semester course)

CRS MA106	GRADE 9	CREDIT 1	S	1 BLOCK
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This course is a rigorous, fast paced study of topics that expand on the ideas of 8th GRADE Algebra. Topics include: using Algebra to describe patterns of change, linear systems, powers and roots, quadratic equations and functions, radical equations, rational equations and functions, polynomials, data analysis, statistics, and probability. **Note: ALGEBRA 1 H Cont. Students are recommended for Algebra Honors and Geometry Honors by their eighth GRADE math teacher after successful completion of 8th GRADE Algebra. Both courses should be elected in the freshman year.**

ALGEBRA 2

CRS MA120	GRADE 10-12	CREDIT 1	S	1 BLOCK
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MOWR ALGEBRA 2

CRS MA121	GRADE 10-12	CREDIT 1	S	1 BLOCK
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PREREQUISITE: Geometry, Geometry ENR, or Geometry HNR.

PREREQUISITE: Geometry, Geometry ENR, or Geometry HNR. and Algebra 2 Readiness

This course covers topics that include: properties of arithmetic, algebra and complex numbers while studying linear, quadratic, polynomial, absolute value, and exponential functions. Students will learn techniques to solve linear/nonlinear equations, inequalities and systems. **It is recommended students take Geometry prior to Algebra 2.**

ALGEBRA 2 ENR

CRS MA122	GRADE 10-12	CREDIT 1	S	1 BLOCK
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MOWR ALGEBRA 2 ENR

CRS MA123	GRADE 10-12	CREDIT 1	S	1 BLOCK
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PREREQUISITE: Geometry, Geometry ENR, or Geometry HNR

This course is a rigorous study of topics that include: properties of arithmetic, algebra, radicals, exponents, matrices, and complex numbers while studying linear, quadratic, polynomial, absolute value, rational expressions, and exponential functions. Students will learn techniques to solve linear/nonlinear equations, inequalities and systems. **It is recommended students take Geometry prior to Algebra 2.**

ALGEBRA 2 HNR (Fall semester course)

CRS MA124	GRADE 10	CREDIT 1	S	1 BLOCK
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MOWR ALGEBRA 2 HNR (Fall semester course)

CRS MA125	GRADE 10	CREDIT 1	S	1 BLOCK
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PREREQUISITE: Geometry, Geometry ENR or Geometry Honors.

This is a rigorous course, taught at an accelerated pace. Topics in this course will include: functions, variation and graphs, linear functions, matrices, systems, quadratic functions, powers, inverses and radicals, exponential and logarithmic functions, polynomials, quadratic relations, conics, and series. Note: Algebra 2 Honors is the prerequisite for Trigonometry Honors. **It is recommended students take Geometry prior to Algebra 2.**

ALGEBRA 2 READINESS

CRS MA160	GRADE 10 - 12	CREDIT 1	S	1 BLOCK
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This course helps to prepare students for Algebra 2 by strengthening basic algebra and problem solving skills. It puts more of an emphasis on the algebra skills needed to enter the workforce or community college system. Topics in this course will include: simplifying and evaluating polynomial and rational expressions, solving linear equations and inequalities, quadratic equations, powers and roots, radical equations and systems of linear equations. Emphasis will be placed on applying these skills in solving real world problems.

CALCULUS AP - MOWR (Fall semester course) - SNHU in the High School

CRS MA145	GRADE 12	CREDIT 1	S	1 BLOCK
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PREREQUISITE: Trigonometry and Pre-Calculus

Advanced Placement Calculus is a nationally standardized course. Spaulding High School strictly adheres to the College Board AP Calculus AB syllabus. The AP Calculus AB exam is taken in May (a fee is required for the exam). Topics include: analysis of graphs, limits of functions, asymptotic and unbounded behavior, continuity as a property of functions, concept of the derivative, derivative at a point, derivative as a function, second derivatives, applications of derivatives, computation of derivatives, interpretations and properties of definite integrals, applications of integrals, fundamental theorem of calculus, techniques of anti-differentiation, applications of anti-differentiation, and numerical approximations to definite integrals. The Calculus is approached from numerical, graphical and symbolic points of view. **Dual enrollment option available through Southern New Hampshire University. There may be a fee associated with this option.**

CALCULUS ENR - MOWR - SNHU in the High School

CRS MA144 GRADE 11- 12 CREDIT 1 S 1 BLOCK

PREREQUISITE: Trigonometry and Pre-Calculus

This course is an introduction to calculus. Topics covered include the concept of a limit, computing limits, the derivative, applications of the derivative, the integral, and applications of the integral. **Dual enrollment option available through Southern New Hampshire University. There may be a fee associated with this option.**

GEOMETRY

CRS MA110 GRADE 10-12 CREDIT 1 S 1 BLOCK

This course covers the understandings of geometric relationships and representations and underlying mathematical principles. Topics that include: points, lines, planes, polygons, circles, logic, angles, congruence, similarity, transformations, basic concepts of proof, Pythagorean Theorem, area, surface area, and volume.

GEOMETRY ENR

CRS MA111 GRADE 9-10 CREDIT 1 S 1 BLOCK

This course covers the understandings of geometric relationships and representations and underlying mathematical principles. Topics that include: points, lines, planes, polygons, circles, logic, angles, congruence, similarity, transformations, concepts of proof, Pythagorean Theorem, area, surface area, and volume. **Students who utilize credit recovery for Algebra are not advised to take ENR.**

GEOMETRY HNR (Spring semester course)

CRS MA112 GRADE 9 CREDIT 1 S 1 BLOCK

This course covers the understandings of geometric relationships and representations and underlying mathematical principles. Topics that include: angles and lines, congruence and transformations, proofs using congruence, Pythagorean Theorem, polygons and symmetry, applications of congruent triangles, lengths and areas, three dimensional figures, formulas for volume, indirect and coordinate proofs, similarity, similar triangles, trigonometry, and further work with circles. **Note: Students are recommended for Algebra 1 HNR and Geometry HNR by their eighth GRADE math teacher after successful completion of Algebra 1A ENR. Both courses should be elected in the freshman year.**

MONEY MANAGEMENT (previously known as Personal Finance)

CRS MA115 GRADE 10-12 CREDIT 1/2 Q 1 BLOCK

This course is designed to provide the student with an effective learning experience in personal finance. Emphasis is placed on helping students understand financial concepts in the areas of banking, behavior economics, budgeting, credit, insurance, and other topics. **Note: Students are recommended to have completed math courses through Algebra B before they take this course.**

FOUNDATIONS OF MATH previously known as Pre-Algebra

CRS MA107 GRADE 9 CREDIT 1 S 1 BLOCK

Foundations of Math topics include: number sense, operations with real numbers, and other skills needed for algebraic and geometric readiness. Students that successfully complete Foundations of Math, Algebra A and Algebra B will have covered the topics of Algebra 1. Note: Placement is restricted to 9th graders recommended by their 8th grade teacher and other students as determined appropriate by guidance to meet graduation requirements. Freshmen students recommended for Foundations of Math should also take Algebra A in their freshman year. 9th grade students may be recommended by their Algebra 1A ENR teacher to improve basic math skills.

PRE-CALCULUS ENR

CRS MA140 GRADE 11-12 CREDIT 1 S 1 BLOCK

MOWR PRE-CALCULUS ENR

CRS MA141 GRADE 11-12 CREDIT 1 S 1 BLOCK

PREREQUISITE: Trigonometry

This course stresses a functions approach and the use of graphing calculators. Topics include: the graphs and transformations of polynomial functions, theory of equations, analysis of elementary functions, exponential functions, logarithmic functions, systems of equations, matrices, probability and combinatorics, and conics (time permitting). This course completes the foundation for the study of Calculus.

PRE-CALCULUS HNR (Spring semester course)

CRS MA142 GRADE 11-12 CREDIT 1 S 1 BLOCK

MOWR PRE-CALCULUS HNR (Spring semester course)

CRS MA143 GRADE 11-12 CREDIT 1 S 1 BLOCK

This is a rigorous course, taught at an accelerated pace. This course stresses a functions approach and the use of graphing calculators. Topics in this course will include: the graphs and transformations of polynomial functions, analysis of elementary functions, exponential functions, probability, combinatorics, sequence and series, matrices and vectors. This course provides a foundation for the study of Calculus.

QUANTITATIVE REASONING ENR - Early College

CRS MA170 GRADE 12 CREDIT 1 S 1 BLOCK

PREREQUISITE: Eligibility is based on SAT scores, Accuplacer score, or successful completion of Algebra 2 and 2.5 GPA.

Quantitative Reasoning has been developed as the common threshold math course within the Community College System of NH. Quantitative Reasoning focuses on the computational skills and mathematical topics that a college-educated citizen should possess. The topic areas include: A thorough review of Algebra skills, Finance, Unit Conversion, Geometry, and Probability & Statistics. There is a strong emphasis on the Habits of Mind critical thinking skills and the use of applied problem solving; the goal is to teach both a discipline that provides an approach to problem solving, and to relate the use of that discipline to solve real life mathematical problems. **Note: Students taking this course will have the option of earning 4 college credits through Great Bay Community College. There may be a fee associated with this option.** Successful completion of **Quantitative Reasoning** will result in earning four credits in college-level mathematics. These credits are accepted at all of the Community Colleges in NH and transferable to a growing number of both two and four year colleges (please check with the Registrar at the college of your choice).

STATISTICS AP

CRS MA152 GRADE 11-12 CREDIT 1 S 1 BLOCK

PREREQUISITE: Statistics H

Advanced Placement Statistics is a nationally standardized course. Spaulding High School strictly adheres to the College Board AP Statistics syllabus. The AP Statistics exam is taken in May (a fee is required for the exam). This course is a continuation of Statistics Honors and covers topics that include: hypothesis testing and confidence intervals, inferences about means and inferences for regression.

STATISTICS ENR

CRS MA150 GRADE 10-12 CREDIT 1 S 1 BLOCK

This is a rigorous course which covers topics that include: exploring and understanding data, relationships between variables, gathering data, randomness and probability.

STATISTICS HNR (Spring Semester Course)

CRS MA151 GRADE 10-11 CREDIT 1 S 1 BLOCK

This is a rigorous course, taught at an accelerated pace. This course covers topics that include: exploring and understanding data, relationships between variables, gathering data, randomness and probability. This course prepares students for the AP Statistics Honors course and potentially the AP Statistics exam.

TRIGONOMETRY

CRS MA130 GRADE 11-12 CREDIT 1 S 1 BLOCK

MOWR TRIGONOMETRY

CRS MA131 GRADE 11-12 CREDIT 1 S 1 BLOCK

This course is an informal approach to Trigonometry with emphasis on application. Topics include: definition of trig functions, applications with right and oblique triangles, rectangular graphs, identities, inverse functions, trig equations, and complex numbers. **Note: Final GRADE of "Competent" in Algebra 2 ENR or Algebra 2 is recommended for success at this level. Trigonometry does not prepare students for Calculus. Students intending to elect Calculus ENR are urged to elect Trigonometry ENR and Pre-Calculus ENR.**

TRIGONOMETRY ENR

CRS MA132 GRADE 10-12 CREDIT 1 S 1 BLOCK

MOWR TRIGONOMETRY ENR

CRS MA133 GRADE 10-12 CREDIT 1 S 1 BLOCK

This is a rigorous course which stresses a functions approach and the use of graphing calculators. Trigonometric topics include: definitions, identities, equations, graphs, applications, inverse functions, functions of several angles, law of sines, law of cosines, and vectors. Students who utilize credit recovery for Algebra 2 are not advised to take ENR. **Note: Final GRADE of 'Beyond Competent' in Algebra 2 ENR is recommended for success at this level. Students planning on a math-related career or who plan on taking Calculus in college are urged to elect both Trigonometry ENR and Pre-Calculus ENR. Students planning to elect Calculus ENR as a senior should elect this class in their junior year.**

TRIGONOMETRY HNR (Fall semester course)

CRS MA134 GRADE 11-12 CREDIT 1 S 1 BLOCK

MOWR TRIGONOMETRY HNR (Fall semester course)

CRS MA135 GRADE 11-12 CREDIT 1 S 1 BLOCK

This is a rigorous course, taught at an accelerated pace. This course stresses a functions approach and the use of graphing calculators. Topics include: definitions, identities, equations, graphs, applications, inverse functions, functions of several angles (sums, differences, double and half angle formulas) law of sines, and law of cosines, the trig form of complex numbers, DeMoivre's Theorem and vectors. **Completion of Algebra 2 HNRS is recommended for success at this level. Students planning to elect Calculus AP as a senior should elect Trigonometry Honors and Pre-Calculus Honors in their junior year.**



4TH MATH EXPERIENCE

Students will be required to attain competency in mathematics for each year. A student may meet this by completing a mathematics course or by completing a course in which mathematics knowledge and skills are embedded and applied. Courses outside of the mathematics department with a π symbol denote a course that meets the 4th math experience criteria.

Courses that meet the 4th Math Experience are listed below: Additional courses are denoted with a π symbol in each department.

Air Force Junior ROTC Aviation Ground School and Science of Flight	CTE Architectural/Mechanical Drafting 1 & 2
Ceramics	CTE Automotive Service Technology 1 & 2
Cooking Basics 101 & Regional Cooking of the United States	CTE Banking & Financial Services
Creative Stitching 1 & Creative Stitching 2	CTE Business Commerce Program - Business Courses
House & Home Decor	CTE Business Commerce Program - Accounting 1
Introduction to Foods & International Foods	CTE Computer Technology 1 & 2
Music Theory ENR	CTE Digital Photography & Video Production Technology 1 & 2
Stagecraft	CTE Environmental Science & Sustainable Studies 1 & 2
Chemistry- all levels	CTE Graphic Design/Print Technology 1 & 2
Biology AP	CTE Health Science Technology 1 & 2
Meteorology ENR	CTE Heating, Ventilation, Air Conditioning, and Refrigeration 1 & 2
Physics- all levels	CTE Marketing HNR
Physical Science- all levels	CTE Precision Machining 1 & 2
Economics - all levels	CTE Restaurant Management 1 & 2
Financial Literacy	(Dover) CTE Animal Science 2
Micro & Macro Economics AP	(Dover) CTE Auto Collision 1 and 2
Psychology AP	(Dover) CTE Biomedical 1 and 2
Personal Finance HNRS EC	(Dover) CTE Electrical Trades 1 and 2
Macroeconomics HNRS EC	(Dover) CTE Building Trades 1 and 2
Sculpture	(Dover) CTE Cosmetology 3 (Dover)
Career & Technical Exploratory Courses - all	(Dover) CTE Welding 1 and 2
CTE Advanced Manufacturing/Millwork 1 & 2	OOD Culinary 1 and 2



MUSIC AND PERFORMING ARTS

The Spaulding HS Department of Music & Performing Arts exists for the benefit of any and all students seeking an education in, and creative outlet through, musical and theatrical performance; the study of music in its many forms; the exploration of theatrical performance and production techniques; and the development of techniques related to various audio/visual fields. Instructors and directors guide students through the process of acquiring skills, knowledge, and resources; provide students the social advantages of learning within a team, or ensemble environment; help expose students to a variety of cultural and aesthetic experiences; maintain a bridge between students and community through public performance and exhibition; and encourage students to engage in personal growth through involvement in the arts. **Any course offered by the Department of Music and Performing Arts will fulfill the State of New Hampshire graduation requirement for 1/2 credit in fine arts, through the acts of creating, performing/producing/presenting, and connecting/responding. Courses are aligned with the NH K- 12 Curriculum Framework for the Arts and the National Core Arts Standards.**

COURSE	CRS#	GRADE	CREDIT	LENGTH	4 th Math Experience
American Popular Music	MUS129	9-12	1/2	Quarter	
Band	MUS100	9-12	1	Year mini	
Chorus	MUS110	9-12	1	Year mini	
Collaborative Drumming	MUS121	9-12	1/2	Quarter	
Drumming Lab	MUS125	9-12	1/2	Quarter	
Guitar Lab	MUS128	9-12	1/2	Quarter	
Handbells	MUS132	9-12	1/2	Quarter	
History of Broadway	MUS137	9-12	1/2	Quarter	
Instrumental Music Lab	MUS135	9-12	1/2	Semester mini	
Introduction to Audio Recording Technology	MUS131	9-12	1/2	Quarter	
Lighting For Stage and Screen	MUS136	9-12	1/2	Quarter	
Music Theory ENR	MUS124	9-12	1/2	Quarter	II
Piano Lab	MUS130	9-12	1/2	Quarter	
Stagecraft	MUS133	9-12	1/2	Quarter	II
The World of Music	MUS141	9-12	1/2	Quarter	
Theatre	MUS126	9-12	1/2	Quarter	
Video Production	MUS134	9-12	1/2	Quarter	
Voice Lab	MUS127	10-12	1/2	Semester mini	

AMERICAN POPULAR MUSIC

CRS MUS129 GRADE 9-12 CREDIT 1/2 Q 1 BLOCK

In this course we will examine the origins of present day American popular musical styles in light of the many other popular genres that have come before. Genres studied will be selected from: late 19th century popular music such as the Minstrel Show, Parlor Songs, Ragtime and Marches; 20th Century Folk Music; Blues; Jazz; Country/Western; Broadway Musicals; 50's Rock n' Roll; 60's Rock; 70's-80's Rock; Hip-Hop and Rap, etc. Students will be encouraged to develop, and use on a regular basis, both active and critical listening skills to analyze the music that they are hearing. No prior musical experience is necessary, but some basic background may be helpful. A mind open to experiencing new, different, and sometimes unusual genres of popular music is a must! **Note: This class will fulfill the fine arts requirement for graduation. This course may NOT be repeated for credit.**

BAND

CRS MUS100 GRADE 9-12 CREDIT 1 Y MINI BLOCK

The Spaulding High School Band performs at school athletic events, holiday parades, concerts, and other functions both as a marching band and as a concert band. The band and its derivative ensembles average approximately 40 performances each year and have made appearances at the Statue of Liberty, The Walt Disney World Resort, Shea Stadium, the NMS Nascar Races, The Rock and Roll Hall of Fame, and for Presidents Bill Clinton, George H.W. Bush, George W. Bush, Barack Obama and Donald Trump. **Note: This class will fulfill the fine arts requirement for graduation. Honors and Enriched credit is available with a contract and permission from the director. This class will require participation in certain rehearsals and concerts scheduled outside the regular school day. This course MAY be repeated for credit.**

CHORUS

CRS MUS110 GRADE 9-12 CREDIT 1 Y MINI BLOCK

This ensemble sings a wide variety of challenging choral music from the popular, classical, musical theater, multicultural, and jazz repertoire. This is a **performance-based** class with a number of concerts being scheduled throughout the year locally, and with opportunities for performance at such prestigious remote locations as The Walt Disney World Resort, among others. Appropriate concert dress will be required for performance. In addition to performing, students will be asked to demonstrate their music literacy skills through written and aural exams. **Note: This class will fulfill the fine arts requirement for graduation. Honors and Enriched credit is available with a contract and permission from the director. This class will require participation in certain rehearsals and concerts scheduled outside the regular school day. This course MAY be repeated for credit.**

COLLABORATIVE DRUMMING

CRS MUS121 GRADE 9-12 CREDIT 1/2 Q 1 BLOCK

PREREQUISITE: Special Education students will be selected by their IEP team.

This class provides an exciting opportunity for students to participate in music exploration and instruction in drumming. In this course students in regular education will be paired with students with identified educational disabilities to collaborate to play patterns on authentic African drums and percussion instruments. No prior musical performance experience is necessary. Knowledge of how to read traditional rhythmic and/or melodic notation would be helpful, but is not required. A desire and willingness to learn in a unique, and often loud, environment is a must! **Note: This class will fulfill the fine arts requirement for graduation. This course MAY be repeated for credit.**

DRUMMING LAB

CRS MUS125 GRADE 9-12 CREDIT 1/2 Q 1 BLOCK

Through daily hands-on instruction, students will receive training in how to play various drums and percussion instruments ranging from drumset (in a variety of styles and grooves); to world drums from Africa, the Caribbean, and elsewhere; to drumline percussion; and typical European / American percussion instruments standard to both small and large performing ensembles. Simultaneously, students will gain skill in reading and writing various forms of musical notation and be provided with opportunities to apply their growing knowledge and skills to playing pieces and songs in various styles and difficulty levels. This has the potential of opening doors to the student's participation in small ensemble modern band settings, such as rock or pop bands, and/or participation and performance in the department's larger instrumental ensembles. No prior musical performance experience is necessary, and students of any level of drumming experience are always welcome. Knowledge of how to read traditional rhythmic and/or melodic notation would be helpful, but is not required. A strong work ethic and a willingness to learn in a unique, and sometimes loud, environment is a must! **Note: This class will fulfill the fine arts requirement for graduation. This course MAY be repeated for credit.**

GUITAR LAB

CRS MUS128 GRADE 9-12 CREDIT 1/2 Q 1 BLOCK

This will be a collaborative performing classroom experience where students will learn to read music notation. All students will learn to play notes and rhythms and will also look at tablature and music that each student is studying. Classroom guitars are provided. Students of various playing abilities will work together to perform for each other and learn from each other as well as play songs that are notated on the staff. A basic desire to share your talent and listen to other players is important in this class. **Note: This class will fulfill the fine arts requirement for graduation. This course MAY be repeated for credit.**

HANDBELLS

CRS MUS132 GRADE 9-12 CREDIT 1/2 Q 1 BLOCK

This course offers students the opportunity to learn to read music more efficiently through the study of playing handbells. Handbells are pitched instruments which are rung in conjunction with music written for this type of musical ensemble. No experience is required but a serious desire to practice reading music and performing within a group of 12 students is necessary to be successful in this class. Reading music in this class will assist students in playing other instruments for their own personal enjoyment at home such as keyboards and guitars. **Note: This class will fulfill the fine arts requirement for graduation. This is a performance-based class and will require participation in certain rehearsals and concerts scheduled outside the regular school day. This course MAY be repeated for credit.**

HISTORY OF BROADWAY

CRS MUS137 GRADE 9-12 CREDIT 1/2 Q 1 BLOCK

History of Broadway is a quarter long class open to all students in grade 9, 10, 11, and 12. This course will look at the history and development of the Broadway musical, from its roots in early American musical entertainment and classical European opera, its heyday in the post-modern era and its evolution in the late 20th century as a result of the music publishing and recording industry. In addition, the course will take an in-depth look at the music and structure of several Broadway masterpieces and how they affected and were affected by American popular culture and what is happening "On Broadway" today. **Note: This class will fulfill the fine arts requirement for graduation. This course may NOT be repeated for credit.**

INSTRUMENTAL MUSIC LAB

CRS MUS135 GRADE 9-12 CREDIT 1/2 S MINI

Students who enroll in this course should be motivated and have a serious desire to learn or refine technique on a woodwind, brass or percussion instrument (with the end goal being to join the Spaulding Band and enroll in that year-long course). This class would also be ideal for students already in Band who are interested in switching instruments, or for those who need extra assistance on their current instrument to learn skills that may have been missed earlier in their playing careers. Each student will have a plan customized for their unique goals and will include instruction in concepts such as: musical notation and literacy, tonality, rhythm, instrument care, fingerings & technique, and developing musicality. A portion of each class will be dedicated to one-on-one or small group work with the instructor while the remainder will be spent independently practicing assignments in a structured environment. Previous musical experience is generally expected, but motivated students with no prior musical background may also request an intake meeting with the instructor to determine eligibility. **Note: This class will fulfill the fine arts requirement for graduation. This course MAY be repeated for credit.**

INTRODUCTION TO AUDIO RECORDING TECHNOLOGY

CRS MUS131 GRADE 9-12 CREDIT 1/2 Q 1 BLOCK

Students will discover, through hands-on experience, how to use microphones, mixers, amplifiers, digital audio workstations and other professional-level equipment to capture, manipulate, monitor, and distribute sound while creating real-world audio projects such as podcasts, live sound reinforcement setups, editing music mixes and more! Whether you're looking for a new hobby, exploring a potential career opportunity in the entertainment industry, or are simply interested in learning more about the process behind how your favorite music and audio productions are made, this class will be a fun way to build a practical set of 21st century technology skills. **Note: This class will fulfill the fine arts requirement for graduation. This course may NOT be repeated for credit.**

LIGHTING FOR STAGE AND SCREEN

CRS MUS136 GRADE 9-12 CREDIT 1/2 Q 1 BLOCK

Good lighting can make or break a production. From the shadowy look of a film noir thriller to a glitzy Broadway style production number, lighting helps convey story, mood, and emotion. In this course, students will learn about the equipment used in lighting for both stage and screen, the concepts that lie behind designing a lighting plot that is both functional and artistic, and the process of writing lighting cues and effects for a theatrical production. Students will gain hands-on experience in helping to hang and focus an actual lighting plot for a stage production as well as have opportunities to participate on a lighting crew. Students will also gain experience lighting various scenes for video. This course will build on, as well as complement, our other technical offerings such as Video Production, Theatre, and Stagecraft but it is not necessary to have taken these classes prior to this one, and no previous knowledge of lighting is assumed. **Note: This class will fulfill the fine arts requirement for graduation. This course may NOT be repeated for credit.**

MUSIC THEORY ENR (π)

CRS MUS124 GRADE 9-12 CREDIT 1/2 Q 1 BLOCK

This course is designed for both students that are beginners with reading music, as well as for those who can already read treble or bass clef and who want to further enhance their musical skill set. The course will provide an excellent foundation for students who want to become better musicians and/or are thinking of pursuing a career in the field of music. **Note: This class will fulfill the fine arts requirement for graduation. This course may NOT be repeated for credit.**

PIANO LAB

CRS MUS130 GRADE 9-12 CREDIT 1/2 Q 1 BLOCK

Piano Lab will provide an opportunity for students to start or to continue learning how to play the piano. Students will receive training in piano technique, music reading/literacy, basic music theory, and apply their growing knowledge and skills to playing pieces and songs in various styles and difficulty levels. Musical skills are taught on digital pianos and students learn at their pace. Students will learn and perform individual pieces for each other during class as well as learn and perform group pieces with other students. Major topics include Music Literacy and reading notation. Music theory and analysis will be a part of the piano lab class. Students will study the structure of scales and chords. Students will learn proper piano technique and fingerings and utilize expression in their piano performance. All students are welcome in piano lab regardless of previous experience playing the piano. Practice will be required outside of the class and a piano or digital keyboard will be helpful at home. **Note: This class will fulfill the fine arts requirement for graduation. This course MAY be repeated for credit.**

STAGECRAFT (π)

CRS MUS133 GRADE 9-12 CREDIT 1/2 Q 1 BLOCK

This course will explore the development of musical theater and how a show is created. Students will receive experience working as a production team for a musical and will explore technical theater and elements of design. **Note: This class will fulfill the fine arts requirement for graduation. This class may require some after school and evening participation for certain projects. This course MAY be repeated for credit.**

THE WORLD OF MUSIC

CRS MUS141 GRADE 9-12 CREDIT 1/2 Q 1 BLOCK

Students will explore a wide range of topics designed to further their understanding of the role of music in society. One of the primary goals of the course is to expose students to music of many styles and from many different eras, as well as from cultures across the globe. While studying how music has developed and come to be used by societies, students will also learn about basic musical notation, instruments of the band and orchestra, and key composers and musicians. Students will be encouraged to develop, and use on a regular basis, both active and critical listening skills to analyze the music that they are hearing. No prior musical experience is necessary, but some basic background may be helpful. A mind open to experiencing new, different, and sometimes unusual types of music is a must! **Note: This class will fulfill the fine arts requirement for graduation. This course may NOT be repeated for credit.**

THEATRE

CRS MUS126 GRADE 9-12 CREDIT 1/2 Q 1 BLOCK

This course is designed for students interested in the field of theater. Students will learn about various aspects of theater including acting, auditions, directing, staging and technical theater. Students will explore improvisation, building a character, preparing monologues and stage movement through individual and group projects. Prior experience in the theater is not necessary to participate in this class. **Note: This class will fulfill the fine arts requirement for graduation. This course MAY be repeated for credit.**

VIDEO PRODUCTION

CRS MUS134 GRADE 9-12 CREDIT 1/2 Q 1 BLOCK

In this introductory level course students will be exposed to the world of television and media production through a series of hands-on projects that, at the discretion of the instructor, may be distributed through YouTube or other media outlets. Topics will be selected from: the parts of a video camera and their functions; the essential rules of camera framing, screen dynamics, and camera movement; and the concepts involved in non-linear editing and digital delivery; single camera production techniques; studio production techniques, etc. **Note: This class will fulfill the fine arts requirement for graduation. This class may require some after school and evening participation for certain projects. This course MAY be repeated for credit.**

VOICE LAB

CRS MUS127 GRADE 9-12 CREDIT 1/2 S MINI

Students who enroll in this course must have a serious desire to learn how to sing in a healthy manner, read music, and perform a variety of solo vocal literature. Students need to be self-motivated and able to demonstrate their music literacy skills through written and aural exams. This class is **performance based** where students will sing and be critiqued by their peers. Students will have the opportunity to prepare for college auditions and NH All State audition material as well as working on repertoire for private vocal lessons. **Note: This class will fulfill the fine arts requirement for graduation. This course MAY be repeated for credit.**



PHYSICAL EDUCATION & HEALTH EDUCATION

Physical Education and Health play an important role in Spaulding High School's efforts to improve the health and fitness of its students. It is a challenging academic and participation class that requires dedication, commitment and effort. Students selecting an elective BLOCK will be expected to take on new challenges and participate to the best of their ability. Students should make course selections that meet their needs, interests, and abilities. **1 credit of physical education is a State of New Hampshire requirement for graduation. NOTE: Fundamental PE is a prerequisite of all PE courses and is recommended during GRADE 9-10.**

COURSE	CRS#	GRADE	CREDIT	LENGTH
Advanced Conditioning	PE110	10-12	1/2	Quarter
Athletic Performance	PE109	10-12	1/2	Quarter
Coaching/Officiating	PE106	10-12	1/2	Quarter
Collaborative/Unified PE	PE107	9-12	1/2	Quarter
Fit for Life	PE112	9-12	1/2	Quarter
Fundamental Physical Education	PE100	9-12	1/2	Quarter
Health	HE100	9-12	1/2	Quarter
Individual and Dual Games Outdoor	PE105	10-12	1/2	Quarter
Indoor Team Games	PE103	11-12	1/2	Quarter
Lifting 101	PE101	10-12	1/2	Quarter
Outdoor Team Games	PE108	11-12	1/2	Quarter
Personal Fitness	PE102	10-12	1/2	Quarter
Team Games for Beginners	PE111	9-10	1/2	Quarter
Walk Your Way to Fitness	PE104	9-12	1/2	Quarter
Women's Health	HE102	11-12	1/2	Quarter

ADVANCED CONDITIONING

CRS PE110 GRADE 10-12 CREDIT 1/2 Q 1 BLOCK

This course includes a weight training component (3 times/week) in combination with an aerobic/anaerobic activity (2 times per week). Students will pick up where Fundamental Physical Education left off and delve into more in-depth theories involved in designing an individualized program. Students in this course will exercise strenuously to improve their personal fitness. **Note: The ½ credit earned in this course can be applied to the 1 credit required for graduation.**

ATHLETIC PERFORMANCE

CRS PE109 GRADE 10-12 CREDIT 1/2 Q 1 BLOCK

This course is geared toward individuals who are looking to focus on core strengthening. Balance, agility, coordination, and some total body strength training exercises will be used to train individuals. Students will be expected to participate at their highest level. This is the next step for students who have engaged in advanced conditioning but it is not a prerequisite for this course. **Note: The ½ credit earned in this course can be applied to the 1 credit required for graduation.**

COACHING/OFFICIATING

CRS PE106 GRADE 10-12 CREDIT 1/2 Q 1 BLOCK

Topics covered will range from scheduling to psychological aspects of injuries. How coaches work with athletes, supervisors, parents and officials. The importance of knowing the rules and how to help work within the rules to maximize your team's advantage. Finally students will need to put together practice routines from preseason to postseason. Video will be used to discuss bad calls, make up calls, and close calls. **Note - The 1/2 credit earned in this course can be applied to the 1 credit required for graduation.**

COLLABORATIVE/UNIFIED PE

CRS PE107 GRADE 9-12 CREDIT 1/2 Q 1 BLOCK

PREREQUISITE: Special Education students will be selected by their IEP team.

This class provides an excellent opportunity for students to participate in physical activity together. In this course a regular education student will be paired with a special education student to collaborate on physical activities. Activities included will be Fitness, Weight Room, Sports and team building activities. Students will work together on improving skill levels within each activity. **Note - The ½ credit earned in this course can be applied to the 1 credit required for graduation.**

FIT FOR LIFE

CRS PE112 GRADE 9-12 CREDIT 1/2 Q 1 BLOCK

This course will help students gain important knowledge and skills to aid them in attaining and maintaining a healthy lifestyle. Emphasis will be placed upon fitness activities that can be practiced for a lifetime. These activities may include walking, weight training/conditioning, running, yoga, dance, tennis, etc. Students will be introduced to some basic nutrition concepts as well as conduct their own wellness evaluations. In addition, fitness principles, traditional and non traditional activities, will be incorporated throughout the quarter and other activities as deemed appropriate by the Physical Education staff. **The ½ credit earned in this class can be applied to the 1 credit required for graduation.**

FUNDAMENTAL PHYSICAL EDUCATION

CRS PE100 GRADE 9-12 CREDIT 1/2 Q 1 BLOCK

Fundamental Physical Education is an entry level course with emphasis in two areas. Students will spend half of the class learning and applying fitness essentials while the other half is spent participating in an adventure and sports based curriculum. Physical Fitness is an important element in promoting a lifetime of wellness. Students will focus on muscular strength, muscular endurance, flexibility and cardiovascular endurance. In the adventure and sports curriculum, students will be introduced to a sequentially based program that promotes team building and problem solving. Students will learn to trust, cooperate, and to take risks in a supportive and challenging environment. **Note: Required for graduation and all other PE courses.**

HEALTH

CRS HE100 GRADE: 9-12 CREDIT 1/2 Q 1 BLOCK

Instructional content and learning activities in this course will enable students to initiate a self-evaluation of their own health knowledge, attitudes and behaviors. Topics covered in this course will include wellness, lifestyle choices, drug and alcohol use & abuse, human sexuality education, nutrition, stress, mental health, and prevention and care of diseases. **Note: This class will fulfill the health requirement for graduation.**

INDIVIDUAL AND DUAL GAMES OUTDOOR

CRS PE105 GRADE 10-12 CREDIT 1/2 Q 1 BLOCK

Students will explore a variety of lifetime sports and activities that are primarily played in an outdoor setting. Most classes will take place outdoors, however some lessons and sports we participate in require traveling outside. Students will focus on introduction, skill development, game strategy and game etiquette in activities including, but not limited to, disc golf, tennis, pickleball, and horseshoes. Students will gain a progressive understanding of each sport, enabling them to continue an active lifestyle in an activity of their choosing. **Note: The ½ credit earned in this course can be applied to the 1 credit required for graduation.**

INDOOR TEAM GAMES

CRS PE103 GRADE 11-12 CREDIT 1/2 Q 1 BLOCK

Students will participate in a variety of popular team sports focusing on improving game skill, strategies, teamwork, officiating skills, and playing the total game. It is anticipated that after playing at this level, students will have the ability and desire for participation in recreational games throughout their lives. Activities may include soccer, volleyball, basketball, ultimate Frisbee, and miscellaneous games. **Note: The ½ credit earned in this course can be applied to the 1 credit required for graduation.**

LIFTING 101

CRS PE101 GRADE 10-12 CREDIT 1/2 Q 1 BLOCK

Students will pick up where Fundamental PE weight training left off. Both sport specific weight training and cardiovascular activities will be used to prepare students for a more in depth training regime. Students will develop a year long fitness program. Students in this course will exercise strenuously to improve their fitness level. **Note: The ½ credit earned in this course can be applied to the 1 credit required for graduation.**

OUTDOOR TEAM GAMES

CRS PE108 GRADE 11-12 CREDIT 1/2 Q 1 BLOCK

Students will participate in a variety of popular team sports focusing on improving game skill, strategies, teamwork, officiating skills, and playing the total game. It is anticipated that after playing at this level, students will have the ability and desire for participation in recreational games throughout their lives. Activities may include soccer, volleyball, basketball, softball or miscellaneous games. **Note: The ½ credit earned in this course can be applied to the 1 credit required for graduation.**

PERSONAL FITNESS

CRS PE102 GRADE 10-12 CREDIT 1/2 Q 1 BLOCK

Personal Fitness is designed to take the student through a comprehensive fitness unit. Students will learn how to maintain a healthy lifestyle by participating in daily workouts focused around the five health related fitness components: cardiovascular endurance, muscular strength & endurance, flexibility, and body composition. Students will cover a variety of topics to assist the student in their quest for lifetime wellness. Students will learn how to analyze body composition, how to properly warm-up and cool down appropriately, the relationship between diet, exercise, and weight control, good nutritional practices, the effects of stress on health, and how to develop a personal fitness plan involving weight training and cardiovascular training. Students will also have the opportunity to participate in lifetime leisure activities in which students engage in a number of recreational games, on occasion. In doing so, students learn a wide variety of activities that promote living a healthy lifestyle and maintaining an optimal level of physical fitness. **Note: The ½ credit earned in this course can be applied to the 1 credit required for graduation.**

TEAM GAMES FOR BEGINNERS

CRS PE111 GRADE 9-10 CREDIT 1/2 Q 1 BLOCK

This team games class will be an introductory course for beginners. Students will participate in a variety of popular team sports focusing on improving game skill, strategies, teamwork, officiating skills, and playing the total game. It is anticipated that after playing at this level, students will have the ability and desire for participation in recreational games throughout their lives. Activities may include soccer, volleyball, basketball, softball or miscellaneous games. **Note: The ½ credit earned in this course can be applied to the 1 credit required for graduation.**

WALK YOUR WAY TO FITNESS

CRS PE104 GRADE 9-12 CREDIT 1/2 Q 1 BLOCK

Walk your way to fitness is primarily an outdoor walking course where students will learn the basics of how to develop a walking program to meet their individual needs in order to improve overall cardiovascular fitness. This is a beginner course designed for the average student, in essence to promote living a healthy lifestyle through exercise. **Note: The ½ credit earned in this course can be applied to the 1 credit required for graduation.**

WOMEN'S HEALTH

CRS HE102 GRADE 11-12 CREDIT 1/2 Q 1 BLOCK

Students will explore the physical, social, emotional and intellectual issues that affect women in today's society. The course will utilize historical perspectives on the role of women in American society in order to generate an understanding of the female role as it evolves into the next century. Topics will include career and social options, psychological foundations of behavior, reproductive/relationship issues, childbearing/parenting concerns, and chronic and degenerative disease associated with women (e.g. breast cancer, osteoporosis). A strong emphasis will be placed on personal health, both physical and emotional, which will encourage the development of competent, confident women

SCIENCE

The science offerings at Spaulding High School provide students with an opportunity to think about and to study the principles, concepts, and great issues of science. A sequence of courses meets the educational needs of the following groups of students: 1) Students not planning to continue their education beyond high school but who require an understanding of science as it relates to the world around them, and 2) Students welcoming more exposure to science techniques and content through problem solving in a laboratory situation. The program for this type of student satisfies the prerequisites for future training in areas such as nursing, engineering, and liberal arts.

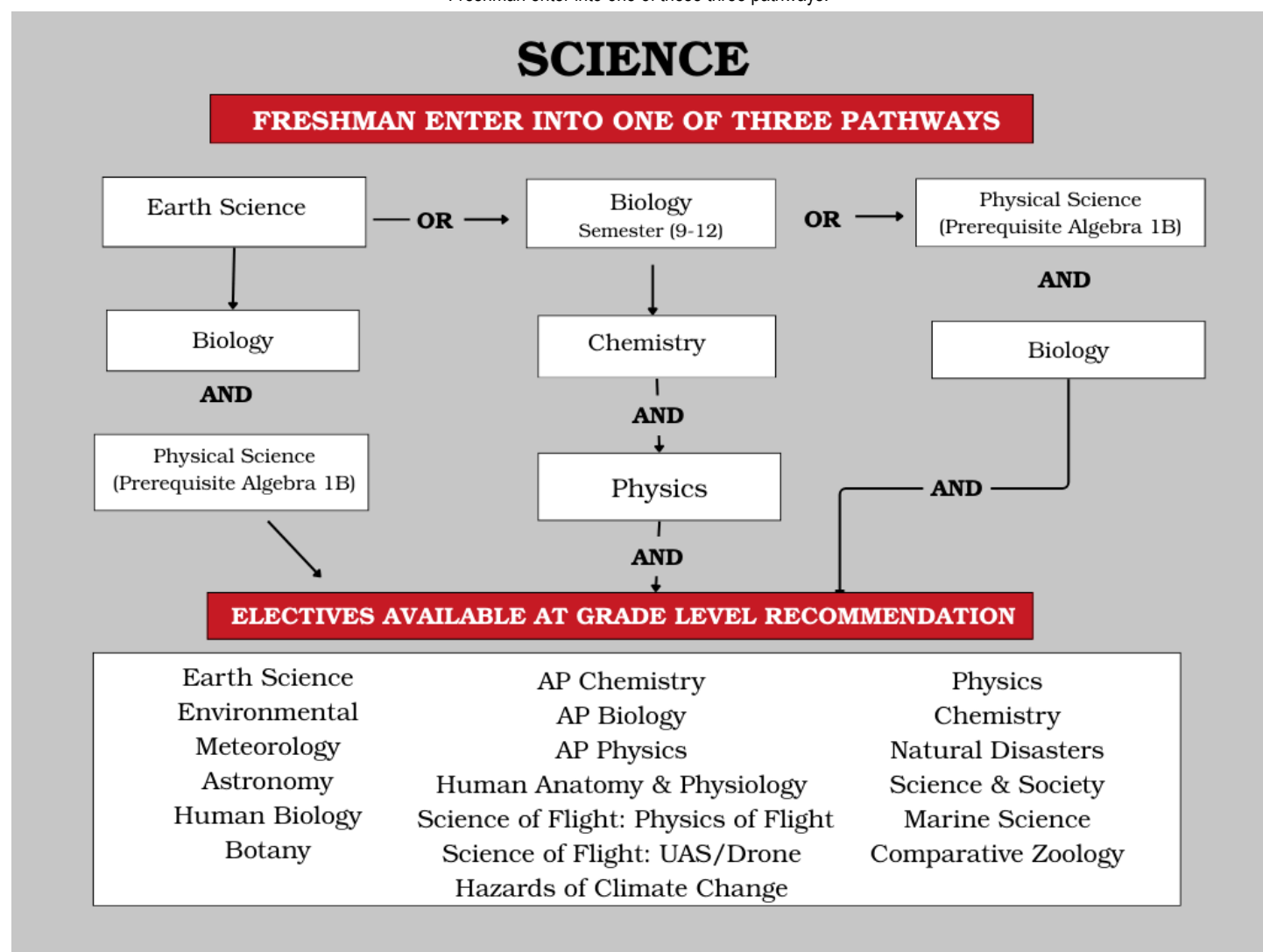
A common trend in all science courses is the provision of knowledge and skills relating to the metric system and a working knowledge of the scientific process as it relates to the course and to everyday living. Students develop the competence in science necessary to meet the needs of modern life, to recognize the contributions of science to human welfare, and to become aware of career opportunities in the field of science.

The graduation requirements for science are **3 credits**: Must include the completion of 1 credit each of Physical Science, Biological Science, and 1 credit of Science Elective(s).

All students are encouraged to take more than the 3 required credits of science and college bound students need to take more science classes to prepare themselves to be successful academically.

NOTE: Students may receive elective science credit by successfully completing any of the non-required courses below or any of the following courses. Robotics, Animal Science 1, Computer Technology 1, Health Science Technology 1, Electricity & Introduction to Computers.

Freshman enter into one of these three pathways:



**Completion of Chemistry and Physics fulfills the Physical Science graduation Requirement.*

COURSE	CRS#	GRADE	CREDIT	LENGTH	College Credit Opportunity	4 th Math Experience
MOWR Anatomy and Physiology I HNR	SC150	10-12	1	Semester		
MOWR Anatomy and Physiology II HNR	SC151	11-12	1	Semester		
Astronomy	SC229	10-12	1/2	Quarter		
Astronomy ENR	SC230	10-12	1/2	Quarter		
Astronomy HNR	SC231	10-12	1/2	Quarter		
Biology	SC120	9-12	1	Semester		
MOWR Biology	SC121	9-12	1	Semester		
Biology ENR	SC122	9-12	1	Semester		
MOWR Biology ENR	SC123	9-12	1	Semester		
Biology HNR	SC124	9-12	1	Semester		
MOWR Biology HNR	SC125	9-12	1	Semester		
Biology AP- MOWR	SC126	11-12	2	Year	*	II
Botany	SC210	10-12	1/2	Quarter		
Botany ENR	SC211	10-12	1/2	Quarter		
Botany HNR	SC212	10-12	1/2	Quarter		
Chemistry	SC130	11-12	1	Semester		II
Chemistry ENR	SC131	11-12	1	Semester		II
Chemistry HNR	SC132	11-12	1	Semester		II
Chemistry AP	SC133	11-12	2	Year		II
Comparative Zoology ENR	SC180	10-12	1	Semester		
Comparative Zoology HNR	SC181	10-12	1	Semester		
Earth: Anatomy of Natural Disasters	SC200	9-12	1/2	Quarter		
Earth: Anatomy of Natural Disasters ENR	SC201	9-12	1/2	Quarter		
Earth: Anatomy of Natural Disasters HNR	SC202	9-12	1/2	Quarter		
Earth Science	SC100	9-12	1	Semester		
Earth Science ENR	SC101	9-12	1	Semester		
Earth Science HNR	SC102	9-12	1	Semester		
Environmental Science & Sustainability 1 ENR	CTE200	10-12	1	Semester		II
Environmental Science & Sustainability 1 HNR	CTE201	10-12	1	Semester		II
Environmental Science & Sustainability 2 ENR	CTE202	10-12	1	Semester		II
Environmental Science & Sustainability 2 HNR	CTE203	10-12	1	Semester		II
Environmental Science & Sustainability 3 ENR	CTE204	11-12	2	Year		II
Environmental Science & Sustainability 3 HNR	CTE205	11-12	2	Year		II
Hazards of Climate Change	SC232	9-12	1/2	Quarter		
Human Biology ENR	SC160	10-12	1	Semester		
MOWR Human Biology ENR	SC161	10-12	1	Semester		
Human Biology 2 ENR	SC162	11-12	1	Semester		
MOWR Human Biology 2 ENR	SC163	11-12	1	Semester		
Marine Science (not offered 2026-2027)	SC170	10-12	1	Semester		
Marine Science ENR	SC171	10-12	1	Semester		
Marine Science HNR	SC173	10-12	1	Semester		
Meteorology ENR (not offered 2026-2027)	SC225	9-12	1/2	Quarter		II
Physical Science	SC110	10-12	1	Semester		II
Physical Science ENR	SC111	10-12	1	Semester		II
Physical Science HNR	SC112	10-12	1	Semester		II
Physics ENR	SC140	11-12	1	Semester		II
Physics HNR	SC141	11-12	1	Semester		II
Physics AP	SC142	11-12	2	Year		II
Science and Society ENR	SC227	10-12	1/2	Quarter		
Science and Society HNR	SC228	10-12	1/2	Quarter		

MOWR ANATOMY AND PHYSIOLOGY I HNR

CRS SC150 GRADE 10-12 CREDIT 1 S 1 BLOCK

PREREQUISITES: Biology

This intensive course explores the structure and function of the human body in detail. Emphasis is placed on homeostatic mechanisms from the cellular to the organism level. The student is expected to relate classroom learning to reading material, lab experiments/ dissections and to synthesize learning through writing and effective discussion and presentation.

MOWR ANATOMY AND PHYSIOLOGY II HNR

CRS SC151 GRADE 11-12 CREDIT 1 S 1 BLOCK

PREREQUISITES: Anatomy and Physiology I or Human Biology ENR

A continuation of Anatomy and Physiology I, this course students will explore systems that were not covered in Anatomy & Physiology I and delve deeper into the physiology of those covered in Anatomy & Physiology I. Coursework will continue to focus on homeostatic mechanisms through the synthesis of classroom learning, research, and lab experiments/dissections.

ASTRONOMY

CRS SC229	GRADE 10-12	CREDIT 1/2	Q	1 BLOCK
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ASTRONOMY ENR

CRS SC230	GRADE 10-12	CREDIT 1/2	Q	1 BLOCK
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ASTRONOMY HNR

CRS SC231	GRADE 10-12	CREDIT 1/2	Q	1 BLOCK
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In this class students will explore the basics of astronomy. Students will learn how to identify various objects in the night sky through knowledge of the constellations. Students will also learn about the history of astronomy and what we can learn through understanding the universe. **Students that elect to take this course at higher levels should expect greater rigor, increased pacing and more independent learning experiences. Students will be expected to demonstrate greater depth of understanding and the ability to communicate course content effectively.**

BIOLOGY

CRS SC120	GRADE 9-12	CREDIT 1	S	1 BLOCK
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MOWR BIOLOGY

CRS SC121	GRADE 9-12	CREDIT 1	S	1 BLOCK
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BIOLOGY ENR

CRS SC122	GRADE 9-12	CREDIT 1	S	1 BLOCK
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MOWR BIOLOGY ENR

CRS SC123	GRADE 9-12	CREDIT 1	S	1 BLOCK
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BIOLOGY HNR

CRS SC124	GRADE 9-12	CREDIT 1	S	1 BLOCK
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MOWR BIOLOGY HNR

CRS SC125	GRADE 9-12	CREDIT 1	S	1 BLOCK
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In this 1 credit required Biology course, students will be introduced to the major concepts of the biological sciences. Topics will include Molecules to Organisms: Structures and Processes, Ecosystems: Interactions, Energy and Dynamics, Heredity: Inheritance and Variation of Traits, and Biological Evolution: Unity and Diversity. The competencies and performance indicators are aligned to NH K-12 Model Science Competencies, the NGSS for Life Sciences GRADE 9-12, and the 21st Century Learning Expectations. **NOTE: It is recommended that students have a strong understanding in Math and should be enrolled in Algebra 1A ENR or higher. Students that elect to take this course at higher levels should expect greater rigor, increased pacing and more independent learning experiences. Students will be expected to demonstrate greater depth of understanding and the ability to communicate course content effectively.**

BIOLOGY AP- MOWR (π)

CRS SC126	GRADE 11-12	CREDIT 2	Y	1 BLOCK
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PREREQUISITE: Biology and Chemistry

This full year course is a college level introductory course in Biology. In this course students will develop a solid understanding of many biological concepts as well as make connections between concepts to understand the four big ideas that are outlined in the College Board Curriculum Framework. The course curriculum will include classification, microbiology, ecology, cell structure and function, molecular biology, biotechnology, genetics, physiology and behavior. Students will explore these topics through guided and inquiry-based lab experiences. A complete understanding of the scientific process, and the ability to synthesize information, make connections and draw conclusions using data will be required to be successful in this course.

BOTANY

CRS SC210	GRADE 10-12	CREDIT 1/2	Q	1 BLOCK
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BOTANY ENR

CRS SC211	GRADE 10-12	CREDIT 1/2	Q	1 BLOCK
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BOTANY HNR

CRS SC212	GRADE 10-12	CREDIT 1/2	Q	1 BLOCK
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PREREQUISITE: Biology

In this 1/2 credit elective Science course, students will be introduced to Botany the scientific study of plants and their relationship to the environment. Students will be able to investigate the growth, reproduction, anatomy, morphology, physiology, biochemistry, taxonomy, genetics, and ecology of plants. The competencies and performance indicators are aligned to NH K-12 Model Science Competencies, the NGSS for Life Sciences GRADE 9-12, and the 21st Century Learning Expectations. Students that elect to take this course at higher levels should expect greater rigor, increased pacing and more independent learning experiences. Students will be expected to demonstrate greater depth of understanding and the ability to communicate course content effectively through the use of laboratory and outdoor experiences.

CHEMISTRY (π)

CRS SC130	GRADE 11-12	CREDIT 1	S	1 BLOCK
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CHEMISTRY ENR (π)

CRS SC131	GRADE 11-12	CREDIT 1	S	1 BLOCK
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CHEMISTRY HNR (π)

CRS SC132	GRADE 11-12	CREDIT 1	S	1 BLOCK
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This course uses laboratory and classroom activities to study the structure of matter and the changes it can undergo. Standard level Chemistry lays a strong foundation in the basic principles of chemistry for the student who seeks a general knowledge of chemistry. This course satisfies college requests to have Chemistry on your transcript. Topics include atomic structure, the periodic table, chemical bonding and reactions, gas laws and the properties of acids and bases. Students need to have a good work ethic and be comfortable manipulating variables in equations and solving proportions. Chemistry will involve some material from Chemistry Matters, at a faster pace and a deeper level. **NOTE: It is recommended students complete Algebra 1 prior to taking Chemistry. Enriched level Chemistry will delve deeper, both in the math and the rigor. Enriched level students need a strong work ethic, ability to work independently, and self-advocate. Honors level Chemistry requires highly motivated students as it moves at a faster pace and more independently. Students are expected to be independent thinkers, excel in problem solving and be able to work independently, as the instruction will be more by discovery than direct instruction, whenever applicable.**

CHEMISTRY AP (π)

CRS SC133	GRADE 11-12	CREDIT 2	YR	1 BLOCK
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PREREQUISITE: Physical Science Honors or Chemistry Honors or Teacher Recommendation

The purpose of this AP chemistry course is to provide a freshman-level college course to ensure that the student is prepared to succeed in college chemistry. This is accomplished by teaching the topics: atomic structures and properties, molecular and ionic compound structure and properties, intermolecular forces and properties, chemical reactions, kinetics, thermodynamics, equilibrium, and acids and bases. Laboratory experiments are conducted to compliment the material being learned. The experiments will include at least 20 labs, of which at least 6 will be inquiry-based labs. Emphasis in this class is placed on application of chemical concepts with real-world applications. Each of the topics within the nine units are covered in depth, and the students will be assessed after the completion of each topic unit.

COMPARATIVE ZOOLOGY ENR

CRS SC180	GRADE 10-12	CREDIT 1	S	1 BLOCK
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COMPARATIVE ZOOLOGY HNR

CRS SC181	GRADE 10-12	CREDIT 1	S	1 BLOCK
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The course will examine the comparative anatomy, physiology and behavior of a wide range of invertebrate and vertebrate animal groups. Topics will include locomotion, respiration, circulation, digestion, excretion, reproduction, and related diseases. Method of instruction will include classroom learning, research, group projects, experimentation, and dissections.

EARTH: ANATOMY OF NATURAL DISASTERS

CRS SC200	GRADE 9-12	CREDIT 1/2	Q	1 BLOCK
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EARTH: ANATOMY OF NATURAL DISASTERS ENR

CRS SC201	GRADE 9-12	CREDIT 1/2	Q	1 BLOCK
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EARTH: ANATOMY OF NATURAL DISASTERS HNR

CRS SC202	GRADE 9-12	CREDIT 1/2	Q	1 BLOCK
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In this course, students will investigate several categories of natural disasters that shape our dynamic planet. Students will learn the scientific concepts and theories behind the causes of each type of natural disaster and the effects on our planet. They will learn about locations around the globe, as well as within the United States where the various types of disasters strike. They will perform activities that empower them to demonstrate not only the scientific concepts, but the methods and tracking processes as well.

EARTH SCIENCE

CRS SC100	GRADE 9-12	CREDIT 1	S	1 BLOCK
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EARTH SCIENCE ENR

CRS SC101	GRADE 9-12	CREDIT 1	S	1 BLOCK
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EARTH SCIENCE HNR

CRS SC102	GRADE 9-12	CREDIT 1	S	1 BLOCK
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In this one credit required Earth Science course, students will be introduced to the core disciplinary ideas of Earth and Space Science. Topics will incorporate the Earth's Place in the Universe, Earth's Systems, and Human Activity and Earth. The competencies and performance indicators for the course are aligned to the NH K-12 Model Science Competencies, the Next Generation Science Standards for Earth and Space Science GRADE 9-12, and the 21st Century Learning Expectations. Students that elect to take this course at higher levels should expect greater rigor, increased pacing and more independent learning experiences. Students will be expected to demonstrate greater depth of understanding and the ability to communicate course content effectively

ENVIRONMENTAL SCIENCE AND SUSTAINABILITY - 1 ENR (π)

CRS CTE200	GRADE 10-12	CREDIT 1	S	1 BLOCK (Fall semester course, CTE Program)
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ENVIRONMENTAL SCIENCE AND SUSTAINABILITY - 1 HNR (π)

CRS CTE201	GRADE 10-12	CREDIT 1	S	1 BLOCK (Fall semester course, CTE Program)
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PREREQUISITE: Must be accepted into the Environmental Science and Sustainability program.

This course will focus on the biogeochemical cycles, climate change, environmental health and pollution, sustainability, and food production (hydroponics and aquaculture), as well as stream and watershed ecology. Class projects involving a study of the local forest, water quality of the Cocheco River watershed, as well as hydroponics and aquaculture will be conducted. Long-term projects may also be researched, proposed and started at this time. Students choosing to enroll in this course at the honors level will be required to complete more rigorous coursework. **Note: Students taking this course at the HONORS LEVEL ONLY may have the option of earning three college credits. There could be a fee associated with this option.**

ENVIRONMENTAL SCIENCE AND SUSTAINABILITY - 2 ENR (π)

CRS CTE202	GRADE: 10-12	CREDIT 1	S	1 BLOCK (Spring Semester course, CTE Program)
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ENVIRONMENTAL SCIENCE AND SUSTAINABILITY - 2 HNR (π)

CRS CTE203	GRADE: 10-12	CREDIT 1	S	1 BLOCK (Spring Semester course, CTE Program)
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PREREQUISITE: Must successfully complete Environmental Science and Sustainability 1 and be accepted to Year 2

This semester will focus on winter ecology, air quality, human population, biodiversity, marine ecosystems, natural resources and alternative energy sources. Spatial data will be collected, mapped and analyzed using ArcGIS software. Aquaculture and hydroponic systems will continue to be studied and the year-long projects will be completed and presented. Students choosing to enroll in this course at the honors level will be required to complete more rigorous coursework. **Note: Students taking this course at the HONORS LEVEL ONLY may have the option of earning three college credits. There could be a fee associated with this option.**

ENVIRONMENTAL SCIENCE AND SUSTAINABILITY 3 (year long) - ENR (π)

CRS CTE204	GRADE: 11-12	CREDIT 2	(Full-year course, CTE Program)
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ENVIRONMENTAL SCIENCE AND SUSTAINABILITY 3 (year long) - HNR (π)

CRS CTE205	GRADE: 11-12	CREDIT 2	(Full-year course, CTE Program)
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PREREQUISITE: Must complete Environmental Science and Sustainability 1 and be accepted to Year 3

This year-long course is intended for students who want to build upon their experience in Environmental Science 1 / 2 and who have demonstrated a high degree of motivation and the ability to work independently and in small groups. Students will apply the concepts from previous classes by researching, designing, and conducting their own extended project-based learning experience. These projects will, at least in part, address a local/regional environmental issue. Academically, students will go deeper into several topics and will also learn how to collect, map, and analyze spatial information using GPS and GIS computer software. Much of

Year 3 will also be focused on learning how to use hydroponic and aquaculture systems to sustainably produce food. This course will help students explore environmental careers by allowing time for volunteer work, job shadowing, and internships with local organizations as well as field trips and guest speakers. Certifications in Wilderness First Aid, Occupational Safety and Health, and Small Water Systems Operator may also be available. Students choosing to enroll in this course at the honors level will be required to complete more rigorous coursework. **Note: Students taking this course at the HONORS LEVEL ONLY may have the option of earning three college credits. There could be a fee associated with this option**

HAZARDS OF CLIMATE CHANGE

CRS SC232 GRADE 9-12 CREDIT 1/2 Q 1 BLOCK

In this semester long science course students will be introduced to the impact of climate change on human populations using the adopted NH state competencies. Students will be analyzing data to establish the patterns of climate change both in the past and present day, the role of climate on natural disasters, and the resulting implications for human populations around the globe. The magnitude and frequency of floods, droughts, cyclones, blizzards, etc. will be studied, along with the meteorological conditions that result in the hazards. Global population distribution will be reviewed so students can understand the relationship between climate change, increasing hazards, and the impacts on the economy, and overall health of human populations.

HUMAN BIOLOGY ENR

CRS SC160 GRADE 10-12 CREDIT 1 S 1 BLOCK

MOWR HUMAN BIOLOGY ENR

CRS SC161 GRADE 10-12 CREDIT 1 S 1 BLOCK

PREREQUISITE: Biology.

The goal of this course is to introduce the student to the anatomy and physiology of the human body. Various systems are introduced along with their basic structure and function. Concepts such as homeostasis and feedback loops are described and synthesized into student learning and appreciation of maintaining health.

HUMAN BIOLOGY 2 ENR

CRS SC162 GRADE 10-12 CREDIT 1 S 1 BLOCK

MOWR HUMAN BIOLOGY 2 ENR

CRS SC163 GRADE 10-12 CREDIT 1 S 1 BLOCK

PREREQUISITE: Human Biology ENR

As a continuation of Human Biology Enriched, students will explore additional systems not covered in Human Biology I and delve deeper into the physiology of these systems. Coursework will continue to focus on homeostatic mechanisms through the synthesis of classroom learning, research, and lab experiments/dissection.

MARINE SCIENCE (not offered 2026 - 2027)

CRS SC170 GRADE 10-12 CREDIT 1 S 1 BLOCK

MARINE SCIENCE ENR

CRS SC171 GRADE 10-12 CREDIT 1 S 1 BLOCK

MARINE SCIENCE HNR

CRS SC173 GRADE 10-12 CREDIT 1 S 1 BLOCK

PREREQUISITE: Biology

In this semester-long project-based course students will explore the four oceanographic disciplines: the geography of the ocean floor, the chemistry of the seawater, marine ecology, and the biology of the oceans, including animals, plants, and microbes. Students will also investigate humanity's influence on the oceans and marine ecosystems. Laboratory experiences are an integral part of the course with reinforcement of laboratory skills and scientific inquiry. **Note: Although the competencies are the same for all levels, the manner in which you are assessed and demonstrate knowledge will be differentiated. Students that elect to take this course at higher levels should expect greater rigor, increased pacing, and more independent learning experiences. Students will be expected to demonstrate greater depth of understanding and the ability to communicate course content effectively.**

METEOROLOGY ENR (π) (not offered 2026-2027)

CRS SC225 GRADE 9-12 CREDIT 1/2 Q 1 BLOCK

In this half credit general science class, students will be introduced to the concept of thermal energy and how it affects Earth's atmosphere through reading and making weather maps.

PHYSICAL SCIENCE (π)

CRS SC110 Grades 10-12 CREDIT 1 S 1 BLOCK

PHYSICAL SCIENCE ENR (π)

CRS SC111 Grades 10-12 CREDIT 1 S 1 BLOCK

PHYSICAL SCIENCE HNR (π)

CRS SC112 Grades 10-12 CREDIT 1 S 1 BLOCK

In this one credit required Physical Science course, students will be introduced to the core disciplinary ideas of Physics and Chemistry. Topics will incorporate motion (including Newton's laws), energy, waves, structure and properties of matter, along with an introduction to bonding and reactions. The competencies and performance indicators for the course are aligned to the NH K-12 Model Science Competencies, the Next Generation Science Standards for Physical Science GRADE 10-12, and the 21st Century Learning Expectations. **NOTE:** It is recommended that students have a strong understanding in Math and have completed Algebra B or higher. The physical science requirement can be satisfied by taking both chemistry and physics. **Students that elect to take this course at higher levels should expect greater rigor, increased pacing and more independent learning experiences. Students will be expected to demonstrate greater depth of understanding and the ability to communicate course content effectively.**

PHYSICS ENR (π)

CRS SC140 GRADE 11-12 CREDIT 1 S 1 BLOCK

Physics offers students an opportunity to apply mathematics practically and theoretically while gaining knowledge of the natural laws which govern the universe. A problem-solving approach in laboratory experiences is used to complement classroom discussion on matter and energy and the relationships between the two. The topics of motion, force, and energy are addressed. **It is strongly recommended that Trigonometry be studied prior to or concurrently with this course.**

PHYSICS HONORS (π)

CRS SC141 GRADE 11-12 CREDIT 1 S 1 BLOCK

This course will cover the same topics as Physics ENR but with a faster pace and greater depth. Emphasis will be placed on both independent and group labs. **It is strongly recommended that students take Trigonometry before this course.**

PHYSICS AP (π)

CRS SC142 GRADE 11-12 CREDIT 2 YR 1 BLOCK

AP Physics 1 is an algebra-based, introductory college-level physics course. Students cultivate their understanding of physics through classroom study, in-class activity, and hands-on, inquiry-based laboratory work as they explore concepts like systems, fields, force interactions, change, and conservation. **It is strongly recommended that students take enriched/honors trigonometry before or concurrently with this course.**

SCIENCE AND SOCIETY ENR

CRS SC227 GRADE 10-12 CREDIT 1/2 Q 1 BLOCK

SCIENCE AND SOCIETY HNR

CRS SC228 GRADE 10-12 CREDIT 1/2 Q 1 BLOCK

Do UFOs exist? What about Bigfoot, ghosts, multiple-universes, chupacabras, deflated footballs or magic? Can the zombie apocalypse actually happen? Is the science that you see in your favorite TV shows, movies or books even close to the way science actually happens? What about those news headlines that say something like "The latest research shows..." or "A study just out today says that..." but they often seem to contradict the study that came out just the week before! Which one is correct? How is good science different from bad science? Can anyone really answer any of these questions and if so how? In this class we will try to do just that...or come as close as we can. Science and technology are essential, yet often poorly understood aspects of our society and culture. They are a daily part of our lives; from smartphones, to stem cells, to global warming and space exploration. Science affects all of us, even if we have never read a scientific paper, done an experiment, or entered a laboratory. As the amount and diversity of information continues to increase in our society, you will have to become more effective at making balanced and rational decisions on subjects that are unfamiliar to you. The goal of this class is to build upon your ability to think critically about scientific claims and to provide you with the tools and skills necessary to deal with societal issues that involve science. We will also examine the history of science and explore how it has both influenced and been influenced by society. This class will be student driven and you will have significant input on the topics that will be covered. Assessments will be focused on discussions, short papers and presentations.

SOCIAL STUDIES

The Spaulding Social Studies Department provides students with opportunities to develop strong academic skills, personal understanding, and the civic values necessary for thoughtful decision-making in a diverse and democratic society. Through both required courses and a diverse selection of electives, the Social Studies Department aims to prepare informed, active global citizens. With an emphasis on reading, writing, research, discussion, listening, debate, and critical evaluation of past and present information, students learn to interpret complex ideas and apply historical and social understanding to contemporary issues. Graduates leave with a working knowledge of government and civic participation, an understanding of economic systems and their real-world impact, and the ability to analyze current events and global trends.

Coursework ranges from learning about our shared history, to understanding our government and economy, to gaining deeper insight into the wider world. In addition to our required courses, students can sign up for a variety of electives to explore topics in more depth.

Graduation Requirements for Social Studies 2030													
Must include completion of: <table> <tr> <td>Global Studies & Geography</td><td>1 credit</td></tr> <tr> <td>New Hampshire History</td><td>½ credit</td></tr> <tr> <td>American Studies & Topic class</td><td>1 credit</td></tr> <tr> <td>Economics</td><td>½ credit</td></tr> <tr> <td>Financial Literacy</td><td>½ credit</td></tr> <tr> <td>American Government & Civics</td><td>1½ credit</td></tr> </table>		Global Studies & Geography	1 credit	New Hampshire History	½ credit	American Studies & Topic class	1 credit	Economics	½ credit	Financial Literacy	½ credit	American Government & Civics	1½ credit
Global Studies & Geography	1 credit												
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Economics	½ credit												
Financial Literacy	½ credit												
American Government & Civics	1½ credit												
Students earn the Global Perspectives credit by passing	Students earn the Economics & Financial Literacy credit by passing												
- Global Studies & Geography, or - Genocide Honors, or - Modern World History (1500 - 1800), or - Modern World History (1800 - Present), or - ROTC AS -220 Cultural Studies-Global Awareness	- Economics & Financial Literacy, or - Economics ENR and Financial Literacy ENR, or - Macroeconomics HNR EC and Personal Finance HNR EC, - Micro and Macro Economics AP												
Students earn the US History credit by passing	Students earn the American Government, US Constitution, & Civics credit by passing												
- US History 2 Honors, or - AP US History, or	- American Government & Civics, or - American Government Honors												

CLASS OF 2030 AND BEYOND

GEOGRAPHY, WORLD HISTORY, AND GENOCIDE

CHOOSE ONE

Genocide HNR,
Semester (9-12)

Global & Geography
Studies, Quarter (9-12)

Modern World 1500-
1800, Quarter (9-12)

Modern World 1800-
present, Quarter (9-12)

NH HISTORY & GOVERNMENT

NH History & Government,
Quarter (9-12)

US HISTORY

US History 2 HNR,
Semester (10-12)

OR

AP US History,
Year (10-12)

OR

American Studies,
Quarter (10-12)

AND

CHOOSE ONE TOPIC

America Through Popular
Culture, Quarter (10-12)

The Civil Rights Movement,
Quarter (10-12)

The Cold War,
Quarter (10-12)

The Holocaust,
Quarter (10-12)

North American Indigenous
Studies, Quarter (10-12)

The Road to September 11th,
Quarter (10-12)

The Salem Witch Trials,
Quarter (10-12)

Sports & American Society,
Quarter (10-12)

ECONOMICS & FINANCIAL LITERACY

Macroeconomics HNR,
Semester (11-12)

OR

Economics ENR
Quarter (11-12)

OR

Economics & Financial
Literacy
Quarter (10-12)

AND

Personal Finance HNR,
Quarter (11-12)

OR

Financial Literacy ENR
Quarter (11-12)

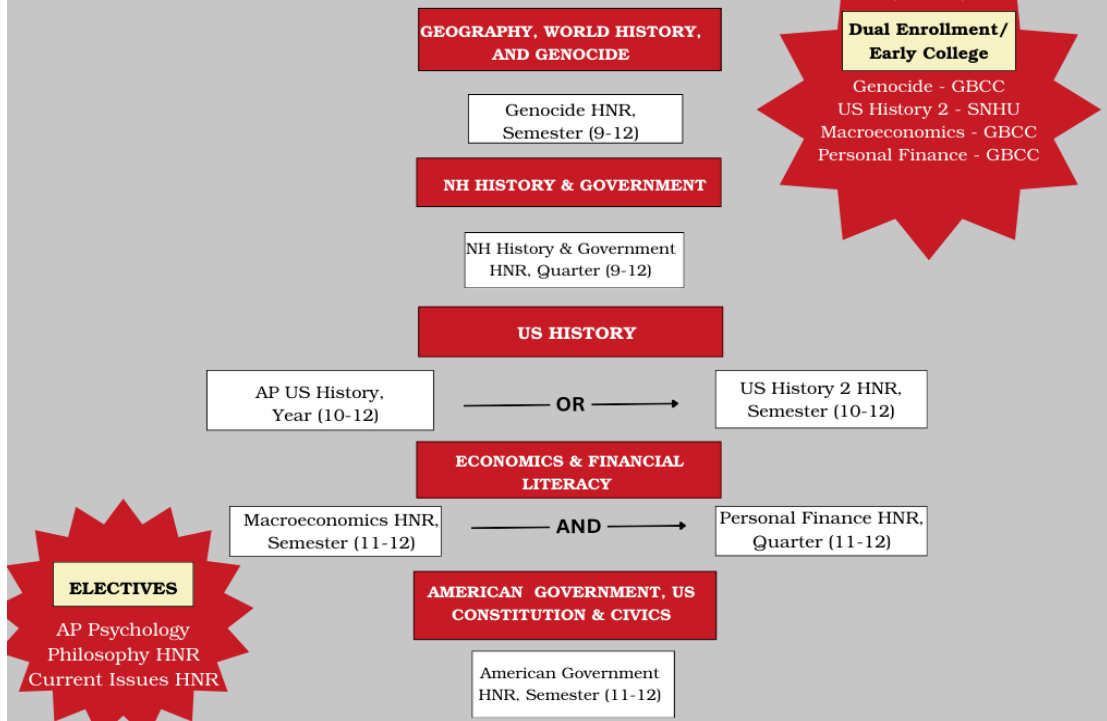
AMERICAN GOVERNMENT, US CONSTITUTION & CIVICS

American Government & Civics,
Quarter (11-12)

OR

American Government HNR,
Semester (11-12)

HONORS & EARLY COLLEGE



COURSE	CRS#	GRADE	CREDIT	LENGTH	4 th Math Experience	College Credit Opportunity	Topic for History Credit
America through Popular Culture	SS201	10-12	1/2	Quarter			*
America through Popular Culture ENR	SS202	10-12	1/2	Quarter			*
American Studies (1930-1970): Boom, Bust, and Beyond	SS111	9-12	1/2	Quarter			
MOWR American Studies (1930-1970): Boom, Bust, and Beyond	SS112	9-12	1/2	Quarter			
American Studies (1930-1970): Boom, Bust, and Beyond ENR	SS113	9-12	1/2	Quarter			
MOWR American Studies (1930-1970): Boom, Bust and Beyond ENR	SS114	9-12	1/2	Quarter			
American Government HNR	SS133	10-12	1 1/2	Semester			
American Government, US Constitution & Civics (not offered 2026-2027)	SS134	11-12	1 1/2	Quarter			
American Government, US Constitution & Civics ENR (not offered 2026-2027)	SS135	11-12	1 1/2	Quarter			
MOWR American Government, US Constitution & Civics ENR (not offered 2026-2027)	SS136	11-12	1 1/2	Quarter			
Civics in NH & the Nation: Growing up Granite	SS130	11-12	1/2	Quarter			
Civics in NH & the Nation: Growing up Granite ENR	SS131	11-12	1/2	Quarter			
MOWR Civics in NH & the Nation: Growing up Granite ENR	SS132	11-12	1/2	Quarter			
The Civil Rights Movement	SS203	10-12	1/2	Quarter			*
The Civil Rights Movement ENR	SS204	10-12	1/2	Quarter			*
The Cold War	SS205	10-12	1/2	Quarter			*
The Cold War Enr	SS206	10-12	1/2	Quarter			*
Current Issues HNR (not offered 2026-2027)	SS160	12	1/2	Quarter			
Current Issues	SS155	11 -12	1/2	Quarter			
Current Issues ENR	SS156	11-12	1/2	Quarter			
Economics & Financial Literacy	SS115	10 -12	1/2	Quarter	π		
MOWR Economics & Financial Literacy	SS116	10-12	1/2	Quarter	π		
Economics ENR	SS117	11-12	1/2	Quarter	ππ		
MOWR Economics ENR	SS118	11-12	1/2	Quarter	ππ		
Exploring Cultures	SS170	9-12	1/2	Quarter			
Exploring Cultures ENR	SS171	9-12	1/2	Quarter			

Financial Literacy ENR	SS122	11-12	1/2	Quarter	π		
MOWR Financial Literacy ENR	SS123	11-12	1/2	Quarter	π		
Genocide HNR	SS173	10-12	1	Semester		*	
Global Studies & Geography	SS100	9-12	1	Quarter			
Global Studies & Geography ENR	SS101	9-12	1	Quarter			
Historical Fiction (Not offered 2026-2027)	SS175	10-12	1/2	Quarter			
Historical Fiction ENR (Not offered 2026-2027)	SS176	10-12	1/2	Quarter			
The History of the American Presidency (Not offered 2026-2027)	SS180	10-12	1/2	Quarter			
The History of Pirates	SS190	9-12	1/2	Quarter			
The History of Pirates ENR	SS191	9-12	1/2	Quarter			
The Holocaust	SS207	10-11	1/2	Quarter			*
The Holocaust ENR	SS208	10-12	1/2	Quarter			*
Justice Studies and Mock Trial ENR	SS165	10-12	1/2	Quarter			
Macroeconomics HNR	SS128	10-12	1	Semester	π	*	
Micro & Macro Economics AP (not offered 2026-2027)	SS119	11-12	2	Year	π	*	
Modern World History (1500-1800)	SS220	9-12	1	Quarter			
Modern World History (1500-1800) ENR	SS221	9-12	1	Quarter			
Modern World History (1800-Present)	SS222	9-12	1	Quarter			
Modern World History (1800-Present) ENR	SS223	9-12	1	Quarter			
New Hampshire History & Government	SS137	9-12	1/2	Quarter			
New Hampshire History & Government ENR	SS138	9-12	1/2	Quarter			
New Hampshire History & Government HNR	SS139	9-12	1/2	Quarter			
North American Indigenous Studies ENR	SS163	10-12	1/2	Quarter			*
Personal Finance HNR	SS129	10-12	1/2	Quarter	π	*	
COURSE	CRS#	GRADE	CREDIT	LENGTH	4th Math Experience	College Credit Opportunity	Topic for History Credit
Philosophy	SS140	10-12	1/2	Quarter			
Philosophy ENR	SS141	10-12	1/2	Quarter			
Philosophy HNR	SS142	10-12	1/2	Quarter			
Psychology	SS150	11-12	1/2	Quarter			
Psychology ENR	SS151	11-12	1/2	Quarter			
Psychology AP	SS152	11-12	2	Year	π		
Road to September 11th (post 2000)	SS209	10-12	1/2	Quarter			*
Road to September 11th (post 2000) ENR	SS210	10-12	1/2	Quarter			*
The Salem Witch Trials	SS195	10-12	1/2	Quarter			*
The Salem Witch Trials ENR	SS196	10-12	1/2	Quarter			*
Sociology	SS145	10-12	1/2	Quarter			
Sociology ENR	SS146	10-12	1/2	Quarter			
Sports and American Society ENR (Not offered 2026-2027)	SS164	10-12	1/2	Quarter			*
Street Law: A Course in Practical Law	SS166	10-12	1/2	Quarter			
US History 2 HNR	SS109	10-12	1	Semester		*	
US History AP	SS110	10-12	2	Year			

AMERICA THROUGH POPULAR CULTURE

CRS SS201 GRADE 10-12 CREDIT 1/2 Q 1 BLOCK

AMERICA THROUGH POPULAR CULTURE ENR

CRS SS202 GRADE 10-12 CREDIT 1/2 Q 1 BLOCK

In this engaging course, students will explore the intersection of politics, identity, social change, and pop culture. Through the analysis of major trends, historical events, and cultural touchstones, students will investigate what the evolution of pop culture tells us about the American identity. Throughout the course, students will research, create, and curate artifacts that tell the story of American identity through their chosen lens of study. This is a research intensive course that will culminate in a final portfolio. Note: This class meets the History Topic requirement for graduation. This course is encouraged for Junior and Senior students.

AMERICAN GOVERNMENT HNR

CRS SS133 GRADE 10-12 CREDIT 1 1/2 S 1 BLOCK

American Government explores the foundations, structure and functions of government in the United States, as well as the rights and responsibilities of citizens. Students will learn how laws are made and enforced, how public policy is shaped, and how individuals and groups can influence government at the local, state and national levels. ***State law mandates that all students must pass the 2020 United States Citizen and Immigration Services naturalization examination before***

graduation. Beginning with the Class of 2030, this course meets the Civics, American Government, and US Constitution competency graduation requirement.

AMERICAN GOVERNMENT, US CONSTITUTION & CIVICS (Not offered 2026-2027)

CRS SS134 GRADE 11-12 CREDIT 1 1/2 Q 1 BLOCK

AMERICAN GOVERNMENT, US CONSTITUTION & CIVICS ENR (Not offered 2026-2027)

CRS SS135 GRADE 11-12 CREDIT 1 1/2 Q 1 BLOCK

MOWR AMERICAN GOVERNMENT, US CONSTITUTION & CIVICS ENR (Not offered 2026-2027)

CRS SS136 GRADE 11-12 CREDIT 1 1/2 Q 1 BLOCK

American Government and Civics explores the foundations, structure and functions of government in the United States, as well as the rights and responsibilities of citizens. Students will learn how laws are made and enforced, how public policy is shaped, and how individuals and groups can influence government at the local, state and national levels.

State law mandates that all students must pass the 2020 United States Citizen and Immigration Services naturalization examination before graduation. Beginning with the Class of 2030, this course meets the Civics, American Government, and US Constitution competency graduation requirement. (Not offered 2026-2027)

AMERICAN STUDIES (1930-1970): BOOM, BUST & BEYOND

CRS SS111 GRADE 9-12 CREDIT 1/2 Q 1 BLOCK

MOWR AMERICAN STUDIES (1930-1970): BOOM, BUST & BEYOND

CRS SS112 GRADE 9-12 CREDIT 1/2 Q 1 BLOCK

This course explores a transformative period in US History, tracing the nations' journey from the Great Depression to the World Wars, the post-war world and the social movements of the 60's and 70's. Students will learn how economic hardships, global conflict and cultural changes reshaped American identity and values. Using primary and secondary sources, students will incorporate historical analysis to gain insight into how this pivotal period contributed to our world today. **Note: Students will need to take American Studies and an additional ½ credit History Topic to fulfill the US History requirement for graduation, Class of 2027, 2028, 2029.**

AMERICAN STUDIES (1930-1970): BOOM, BUST & BEYOND ENR

CRS SS113 GRADE 9-12 CREDIT 1/2 Q 1 BLOCK

MOWR AMERICAN STUDIES (1930-1970): BOOM, BUST & BEYOND ENR

CRS SS114 GRADE 9-12 CREDIT 1/2 Q 1 BLOCK

This course explores a transformative period in US History, tracing the nations' journey from the Great Depression to the World Wars, the post-war world and the social movements of the 60's and 70's. Students will learn how economic hardships, global conflict and cultural changes reshaped American identity and values. Using primary and secondary sources, students will incorporate historical analysis to gain insight into how this pivotal period contributed to our world today. Term papers and essays are required. **Note: Students will need to take American Studies and an additional ½ credit History Topic to fulfill the US History requirement for graduation, Class of 2027, 2028, 2029.**

CIVICS IN N.H. AND THE NATION: GROWING UP GRANITE

CRS SS130 GRADE 11-12 CREDIT 1/2 Q 1 BLOCK

CIVICS IN N.H. AND THE NATION: GROWING UP GRANITE ENR

CRS SS131 GRADE 11-12 CREDIT 1/2 Q 1 BLOCK

MOWR CIVICS IN N.H. AND THE NATION: GROWING UP GRANITE ENR

CRS SS132 GRADE 11-12 CREDIT 1/2 Q 1 BLOCK

This course explores the foundation of both New Hampshire and Rochester Government and the underpinnings of American Citizenship. Particular attention will be paid to New Hampshire's special role in the election process, Rochester's industrial roots, and how our local political system impacts their lives. **Beginning with the Class of 2024, state law mandates that all students must pass the 2020 United States Citizen and Immigration Services naturalization examination before graduation. This course meets the Civics and NH History & Government graduation requirements of the Class of 2027, 2028, and 2029.**

THE CIVIL RIGHTS MOVEMENT

CRS SS203 GRADE 9-12 CREDIT 1/2 Q 1 BLOCK

THE CIVIL RIGHTS MOVEMENT ENR

CRS SS204 GRADE 9-12 CREDIT 1/2 Q 1 BLOCK

This course will examine the development of the American Civil Rights Movement from the Reconstruction era through the twentieth century. Students will examine the social, cultural, political, and economic climate of the movement and consider the legal changes made during this time as well as the lasting impact on today's society. Students will analyze the work of key figures, organizations, and the strategies they implemented to effect change and inspire the nation. **Note: This class meets the History Topic requirement for graduation.**

THE COLD WAR

CRS SS205 GRADE 10-12 CREDIT 1/2 Q 1 BLOCK

THE COLD WAR ENR

CRS SS206 GRADE 10-12 CREDIT 1/2 Q 1 BLOCK

This course examines the origins, major events, and global impact of the Cold War, a period of political tension and ideological conflict that shaped the second half of the 20th century. Students will explore the roots of the rivalry between the United States and the Soviet Union, key moments such as the Berlin Airlift, the Cuban Missile Crisis, and the Vietnam War, and the ways this global struggle influenced life at home—from McCarthyism to the space race. **It is recommended that students take American Studies prior to taking this course. Note: This class meets the History Topic requirement for graduation.**

CURRENT ISSUES HNR (Not offered 2026-2027)

CRS SS160 GRADE 12 CREDIT 1/2 Q 1 BLOCK

This course centers around topical issues of public concern, primarily in the United States, but also internationally. Possible central questions include: *Should the Death Penalty be Abolished?*, *Should There be More Gun Control Laws?*, and *Should Felons be Allowed to Vote?* The course is primarily discussion-based, writing-intensive, focused on current issues, and aimed at achieving consensus (the objective is to collaborate, not to debate). The class is intended to be student-driven.(Not offered 2026-2027)

CURRENT ISSUES

CRS SS155	GRADE 11-12	CREDIT 1/2	Q	1 BLOCK
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CURRENT ISSUES ENR

CRS SS156	GRADE 11-12	CREDIT 1/2	Q	1 BLOCK
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This course emphasizes active discussion of the major issues in our society, both global and national. Students are expected to do research into select topics to gain a greater insight into these current issues. The course includes evaluation of the current events related to these issues. Emphasis is placed on persuasive speech.

ECONOMICS & FINANCIAL LITERACY (π)

CRS SS115	GRADE 10-12	CREDIT 1/2	Q	1 BLOCK
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MOWR ECONOMICS & FINANCIAL LITERACY (π)

CRS SS116	GRADE 10-12	CREDIT ½	Q	1 BLOCK
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This course is designed to develop students' understanding of basic economic principles. Although it is a survey course, students apply principles to current economic situations, they become familiar with economic and financial news, and they engage in simulated economic activity. In this course, some emphasis is placed on financial literacy and helping students make sound financial decisions.. **Note: This class will fulfill the economics and financial literacy requirement for graduation in addition students will earn ½ credit in financial literacy with completion of the Financial Literacy Assessment.**

ECONOMICS ENR (π)

CRS SS117	GRADE 11-12	CREDIT 1/2	Q	1 BLOCK
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MOWR ECONOMICS ENR (π)

CRS SS118	GRADE 11-12	CREDIT 1/2	Q	1 BLOCK
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This course develops students' understanding of the basic economic principles, and the economic role of our government. A comparison of the various world economic systems is made with emphasis on the American free enterprise system. **Note: This class will fulfill the economics requirement for graduation. Students taking this course must also enroll in Financial Literacy ENR or Personal Finance HNR.**

EXPLORING CULTURES

CRS SS170	GRADE 9-12	CREDIT 1/2	Q	1 BLOCK
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EXPLORING CULTURES ENR

CRS SS171	GRADE 9-12	CREDIT 1/2	Q	1 BLOCK
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Through a variety of activities, discussions, films, projects, oral presentations and readings, students will examine common traits among people as well as unique differences between cultures. The course provides awareness of the world's perception of America, its people and the impact of our ethnocentricity. Possible topics for discussion include marriage customs, death rituals, world religions, and music around the world. Students considering this course should exhibit a high level of maturity. Students that elect to take this course at higher levels should expect greater rigor, increased pacing and more independent learning experiences. Students will be expected to demonstrate greater depth of understanding and the ability to communicate course content effectively.

FINANCIAL LITERACY ENR (π)

CRS SS122	GRADE 11-12	CREDIT 1/2	Q	1 BLOCK
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MOWR FINANCIAL LITERACY ENR (π)

CRS SS123	GRADE 11-12	CREDIT 1/2	Q	1 BLOCK
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Students will develop an understanding of personal financial literacy and resources. Emphasis is placed on helping students to be able to make sound financial decisions. Students will be introduced to the areas of budgeting, insurance, taxes, credit, investments, loans and retirement planning. **Note: This class will fulfill the Financial Literacy requirement for graduation. Students taking this course must also enroll in Economics ENR or Macroeconomics HNR.**

GENOCIDE HNR - Early College

CRS SS173	GRADE 9-12	CREDIT 1	S	1 BLOCK
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This course examines the history, causes, and consequences of genocide, exploring both recurring patterns and unique circumstances that enable mass violence. Through case studies such as the Holocaust, Cambodia, Armenia, the Balkans, Rwanda, and the Americas, students will analyze political, economic, and social factors that contribute to genocide and look specifically at the role of law enforcement in both its perception and prevention. Drawing from history, criminology, sociology, and political science, this course critically assesses international responses, legal frameworks, and reconciliation efforts while incorporating survivor testimonies and perspectives from perpetrators. Students will also research genocidal events of personal interest, fostering critical engagement with contemporary issues and considerations in genocide prevention. **Note: For grade 9, Honors only; grades 10-12 only, this is an early college course, and students are eligible to receive 3 CRMJ college credits from GBCC. There is a fee associated with this option. Note: This class will fulfill the geography, genocide, and world history requirements for graduation.**

GLOBAL STUDIES & GEOGRAPHY

CRS SS100	GRADE 9-12	CREDIT 1	Q	1 BLOCK
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GLOBAL STUDIES & GEOGRAPHY ENR

CRS SS101	GRADE 9-12	CREDIT 1	Q	1 BLOCK
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We live in an interconnected, globalized world where countries, people, and governments interact. This class examines the impact of this interaction through geography, genocide human rights, and conflict. This cultural and historical survey includes analysis of the causes and effects of world conflicts in the twentieth century and pays particular attention to recent and current international events. Although the competencies are the same for all levels, the manner in which you are assessed and demonstrate knowledge will be differentiated. Students that elect to take this course at higher levels should expect greater rigor, increased pacing and more independent learning experiences. Students will be expected to demonstrate greater depth of understanding and the ability to communicate course content effectively. **Note: This class will fulfill the geography, genocide, and world history requirements for graduation.**

HISTORICAL FICTION (Not offered 2026-2027)

CRS SS175	GRADE 10-12	CREDIT 1/2	Q	1 BLOCK
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HISTORICAL FICTION ENR (Not offered 2026-2027))

CRS SS176	GRADE 10-12	CREDIT 1/2	Q	1 BLOCK
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Historical Fiction is designed to place an emphasis on the use of novels, film, and media to enhance the student's knowledge and understanding of historical events. The ability to make both written and oral critical evaluations and analysis of extensive outside reading is required. **It is recommended students take American Studies prior to taking this course.** (Not offered 2026-2027))

THE HISTORY OF THE AMERICAN PRESIDENCY (Not offered 2026-2027))

CRS SS180	GRADE 10-12	CREDIT 1/2	Q	1 BLOCK
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This course is designed to examine and explore the American Presidency. Through a variety of readings, activities, primary documents, films and projects we will look at the many aspects of the American Presidency. We will look at the powers of the President and study the lives and accomplishments of the Presidents of the United States and First Ladies. Other topics include the presidential elector process, political parties, primaries, caucus, gerrymandering, the Electoral College, and popular vote. **Note: This class meets the History Topic requirement for graduation.** (Not offered 2026-2027))

THE HISTORY OF PIRATES

CRS SS190	GRADE 9-12	CREDIT 1/2	Q	1 BLOCK
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THE HISTORY OF PIRATES ENR

CRS SS191	GRADE 9-12	CREDIT 1/2	Q	1 BLOCK
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Students will explore maritime history, with a focus on pirates, buccaneers, and privateers. They will investigate the political, economic, and social factors that contributed to the rise of piracy during the Golden Age of Piracy, examining its impacts on societies. Emphasis will be placed on understanding how pirates were both revered and feared in the American Colonies. Students will apply this historical knowledge to analyze modern piracy. Additionally, students will examine the influence of pop culture on our perception and understanding of pirates and piracy in the present day.

THE HOLOCAUST

CRS SS207	GRADE 9-12	CREDIT 1/2	Q	1 BLOCK
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THE HOLOCAUST ENR

CRS SS208	GRADE 9-12	CREDIT 1/2	Q	1 BLOCK
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The Holocaust was a major event in human history, and there are important lessons to be learned from studying an atrocity of this magnitude. This course will investigate the historical conditions that allowed the rise of European fascism, and the use of propaganda in consolidating power. Students will become familiar with the history of antisemitism, the dynamics of group identity and 'othering', and the political use of scapegoating. We will explore the choices made by individuals to be participants, bystanders, and sometimes heroes. Students will grapple with primary and secondary sources to bear witness to the horrors of the Holocaust. As such, please note that students will be exposed to graphic images, film, and stories. **Note: This class meets the History Topic requirement for graduation.**

JUSTICE STUDIES AND MOCK TRIAL ENR

CRS SS165	GRADE 10-12	CREDIT 1/2	Q	1 BLOCK
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This course will include a study of the Judicial system and the roles and functions of the parties involved in the courts. The course will provide students with the knowledge and skills necessary for good citizenship and to help them develop higher level thinking, problem solving, important reasoning and public speaking skills. Concentration of study will be given to trial procedure of both criminal and civil cases. Students will participate in multiple mock trials in both criminal and civil law. Students will alternate between the roles of attorney and witness, and prosecution and defense teams. Legal ethics, legal writing and current legal cases may also be discussed. Students considering this course should exhibit a high level of maturity and should be advised that this course requires a large amount of public speaking. This course may be taken more than once. **Note: It is recommended students take American Studies prior to taking this course.**

MACROECONOMICS HNRS - Early College

CRS SS128	GRADE 11-12	CREDIT 1	S	1 BLOCK
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This course analyzes the determinants of aggregate economic activity and the effects of government policies intended to achieve full employment, price stability, and economic growth. The course examines consumer and business spending, government expenditures and tax policies, and the impact of the international sector on the US economy. Topics include inflation, unemployment, interest rates, fiscal policy and the public debt, monetary policy, international trade, and finance. **Note: This is a dual enrollment course, and students are eligible to receive 3 ECON college credits from GBCC. There is a fee associated with this option. Note: This class will fulfill the Economics requirement for graduation.**

MICRO & MACRO ECONOMICS AP (π) (Not offered 2026-2027)

CRS SS119	GRADE: 11-12	CREDIT 2	Y	2 BLOCKS
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This course is a nationally standardized course for advanced students. Some students may earn credit for college economics after having completed this course. This course develops students' understanding of the economic processes and the economic role of our government. A comparison of the various world economic systems is made with emphasis on the American free enterprise system. Students also become acquainted with possible approaches to various personal economic problems. **Note: This class will fulfill the Economics requirement for graduation.** (Not offered 2026-2027)

MODERN WORLD HISTORY (1500-1800)

CRS SS220	GRADE 9-12	CREDIT 1	Q	1 BLOCK
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MODERN WORLD HISTORY (1500-1800) ENR

CRS SS221	GRADE 9-12	CREDIT 1	Q	1 BLOCK
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This course explores major global developments from the European Renaissance to the French Revolution. Students will learn how ideas, trade, exploration and empire connected different regions of the world and reshaped societies. Key themes include the growth of global exchange, the rise of powerful states, cultural and scientific innovation, and revolutionary movements that form the roots of our modern world. **Note: This class will fulfill the geography, genocide, and world history requirements for graduation.**

MODERN WORLD HISTORY (1800 - PRESENT)

CRS SS222	GRADE 9-12	CREDIT 1	Q	1 BLOCK
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MODERN WORLD HISTORY (1800- PRESENT) ENR

CRS SS223	GRADE 9-12	CREDIT 1	Q	1 BLOCK
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This course examines global history from the Industrial Revolution to the present day, focusing on the forces that have shaped the modern era. Students will analyze the impact of industrialization, imperialism, global conflict, decolonization and globalization. Through primary and secondary sources, this course emphasizes how war, peace and social change have transformed nations and connected people throughout the world. **Note: This class will fulfill the geography, genocide, and world history requirements for graduation.**

NEW HAMPSHIRE HISTORY & GOVERNMENT

CRS SS137	GRADE 9-12	CREDIT 1/2	Q	1 BLOCK
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NEW HAMPSHIRE HISTORY & GOVERNMENT ENR

CRS SS138	GRADE 9-12	CREDIT 1/2	Q	1 BLOCK
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NEW HAMPSHIRE HISTORY & GOVERNMENT HNR

CRS SS139	GRADE 9-12	CREDIT 1/2	Q	1 BLOCK
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This course is a general survey of the history, geography, and political development of New Hampshire from its precolonial beginnings to the present. Students will learn how local events and leaders have shaped the state's identity, and how NH has fit into broader national trends. The course also explores the structure and functions of New Hampshire's state and local governments, with an emphasis on civic participation. In addition, students will use state and local resources to better understand the nature of history and the ways that studying history provides a better appreciation of our community. **Note: Meets the NH History & Government competency graduation requirement for the Class of 2030.**

NORTH AMERICAN INDIGENOUS STUDIES ENR

CRS SS163	GRADE 10-12	CREDIT 1/2	Q	1 BLOCK
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This course explores the history, culture, and contemporary issues of Indigenous peoples in North America, with a particular emphasis on the 20th and 21st centuries. Students will examine the evolution of the reservation system, tribal sovereignty, and the complex relationships between tribes and the U.S. government. Through readings, discussions, and case studies, the class will explore how historical policies continue to shape Indigenous communities today, while also highlighting contemporary political, social, and cultural achievements. **Note: This class meets the History Topic requirement for graduation.**

PERSONAL FINANCE HNR - Early College

CRS SS129	GRADE 10-12	CREDIT 1/2	Q	1 BLOCK
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This course is designed to provide the student with an effective learning experience in personal finance. Emphasis is placed on helping students make sound financial decisions in the areas of budgeting, insurance, taxes, credit investments, real estate, and retirement planning. **Note: This is a dual enrollment course and students are eligible to receive 3 ECON college credits from GBCC. There is a fee associated with this option. This course meets the Financial Literacy requirement for graduation (Class of 2030).**

PHILOSOPHY

CRS SS140	GRADE 10-12	CREDIT 1/2	Q	1 BLOCK
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"Philosophy (Greek for the "love of wisdom) is about the search for answers to life's most perplexing problems: Who am I? How should I act? What does it mean to be human? Am I free? Why am I here? What is real? What is beauty? How does one live a meaningful life? The goal of this class is to explore these kinds of questions,-for which there are no easy answers, addressing them intelligently and seriously. This is a course for students who wonder about things, are interested in ideas, and are willing to think, discuss, read, and write about them. This course will act as a foundation to some of the major problems, methods and insights of philosophy with readings from both classical and contemporary sources. We will focus primarily on the topics of Western philosophy, and student assessment will center on discussion and writing. Students should plan on extensive reading and writing when enrolled in this course."

PHILOSOPHY ENR

CRS SS141	GRADE 10-12	CREDIT 1/2	Q	1 BLOCK
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PHILOSOPHY HNR

CRS SS142	GRADE 10-12	CREDIT 1/2	Q	1 BLOCK
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"Philosophy is commonly defined as the (Greek for the "love of wisdom") and philosophers are those who are about the search for answers to life's most perplexing problems, such as: Who am I? How should I act? What are the limits of my knowledge? What does it mean to be human? Am I free? Why am I here? What is real? Does God exist? What is beauty? How does one live a meaningful life? The goal of this class is to explore these kinds of questions, instead of searching for easy answers; This course will act as a foundation to some of the major problems, methods and insights of philosophy with readings from both classical and contemporary sources. Students should plan on extensive reading and writing when enrolled in this course. Students that elect to take this course at higher levels should expect greater rigor, increased pacing and more independent learning experiences.

PSYCHOLOGY

CRS SS150	GRADE 11-12	CREDIT 1/2	Q	1 BLOCK
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PSYCHOLOGY ENR

CRS SS151	GRADE 11-12	CREDIT 1/2	Q	1 BLOCK
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Psychology is the study of behavior and mental processes. Students are given the opportunity to develop a more effective understanding of the principles of psychology and the ways people behave and interact. Course topics can include structures and functions of the brain, mental health, psychological disorders, personality disorders, fears, memory, body image, cognitive development, research methods, and more. Students that elect to take this course at higher levels should expect greater rigor, increased pacing and more independent learning experiences. Students will be expected to demonstrate greater depth of understanding and the ability to communicate course content effectively.

PSYCHOLOGY AP (π)

CRS SS152 GRADE 11-12 CREDIT 2 Y 1 BLOCK

PREREQUISITE: Approval of the Advanced Placement Psychology teacher is required.

AP Psychology is an introductory college-level psychology course. Students cultivate their understanding of the systematic and scientific study of human behavior and mental processes through inquiry-based investigations as they explore concepts like the biological bases of behavior, sensation and perception, learning and cognition, motivation, developmental psychology, testing and individual differences, treatment of abnormal behavior, and social psychology.

THE ROAD TO SEPTEMBER 11TH

CRS SS GRADE 10-12 CREDIT 1/2 Q 1 BLOCK

THE ROAD TO SEPTEMBER 11TH ENR

CRS SS GRADE 10-12 CREDIT 1/2 Q 1 BLOCK

This course explores the historical, political, and cultural forces surrounding the September 11th, 2001 terrorist attacks and their lasting impact on the United States and the world. Students will examine the global and domestic conditions leading up to the attacks, including U.S. foreign policy, the rise of extremist movements, and tensions in the Middle East. The course will also focus on the aftermath—how 9/11 reshaped American society, politics, and culture through the War on Terror, changes in national security, and evolving ideas about freedom and privacy. **It is recommended that students take American Studies prior to taking this course.**

Note: This class meets the History Topic requirement for graduation.

THE SALEM WITCH TRIALS

CRS SS195 GRADE 10-12 CREDIT 1/2 Q 1 BLOCK

THE SALEM WITCH TRIALS ENR

CRS SS196 GRADE 10-12 CREDIT 1/2 Q 1 BLOCK

The Salem Witch Trials were a dark time in our nation's history. As the years go by, the event has taken on a completely different role in American culture. This class will aim to strip away the fantasy and mythology surrounding the Salem Witch Trials and take a deep look at the human side of it. We will examine the history leading up to the trials, explore the lives of the victims, analyze the evidence of the trials, take a look at the role of women in Puritan Massachusetts, and how the dangers of herd mentality led to the deaths of nineteen innocent people. Students that elect to take this course at higher levels should expect greater rigor, increased pacing and more independent learning experiences. Students will be expected to demonstrate greater depth of understanding and the ability to communicate course content effectively. **Note: This class meets the History Topic requirement for graduation.**

SOCIOLOGY

CRS SS145 GRADE 10-12 CREDIT 1/2 Q 1 BLOCK

SOCIOLOGY ENR

CRS SS146 GRADE 10-12 CREDIT 1/2 Q 1 BLOCK

Sociology is the study of society and human behavior. Students will be introduced to the basic principles and theories of sociology to better understand society. Social norms and issues at the small group to the global level will be discussed. Emphasis will be placed on the way students fit into society and the smaller social groups they are a part of in everyday life. Students that elect to take this course at higher levels should expect greater rigor, increased pacing and more independent learning experiences. Students will be expected to demonstrate greater depth of understanding and the ability to communicate course content effectively.

SPORTS & AMERICAN SOCIETY ENR (Not offered 2026-2027)

CRS SS164 GRADE 10-12 CREDIT 1/2 Q 1 BLOCK

This course will focus on the evolving role of sports in American society. Students will examine the history of sports and its relationship with race, gender, and politics in the United States. Some topics include: African Americans and women in sports, Olympic Games, supplement and drug abuse, violence in sports, athletes and as role models. Students will develop skills in research, analysis, and interpretation. Students will be expected to participate in a variety of activities including: essays, discussions, and research projects. **It is recommended students take American Studies prior to taking this course.** **Note: This class meets the History Topic requirement for graduation.** (Not offered 2026-2027)

STREET LAW: A COURSE IN PRACTICAL LAW

CRS SS166 GRADE 10-12 CREDIT 1/2 Q 1 BLOCK

This course encompasses the Street Law © survey course. Possible topics of discussion include individual rights & Liberties, Tort law, Criminal law, Juvenile Justice, Property law, Family law and Contract law. It is designed to provide juniors and seniors with practical information and problem solving opportunities that help develop the knowledge and skills necessary for survival in our law-saturated society. The curriculum includes case studies, mock trials, podcasts, small group exercises, guest speakers and possible field trips. Students considering this course should exhibit a high level of maturity and be advised that it requires public speaking. **It is recommended students take American Studies prior to taking this course.**

US HISTORY 2 HNR - SNHU in the High School

CRS SS109 GRADE 10-12 CREDIT 1 S 1 BLOCK

PREREQUISITE: Approval of the US History teacher is required and recommendation from their social studies teacher.

The second half of the United States history survey course covers the period following the Civil War. The economic, political and ideological developments that allowed the United States to attain a position of world leadership are closely examined. Required for majors in history and social studies education with a concentration in history. Students are expected to be prepared for weekly reading and writing assignments. This is a rigorous course, students are expected to work nightly at home on both reading and writing assignments. **Note: This is a dual enrollment course and students are eligible to receive college credit from SNHU. There is a fee associated with this option. Note: This class will fulfill the US History requirement for graduation.**

US HISTORY AP

CRS SS110 GRADE 10-12 CREDIT 2 Y 1 BLOCK

PREREQUISITE: Approval of the Advanced Placement history teacher is required.

This is a nationally standardized course for advanced students under the requirements of the College Board. Some students may earn credit for college history after completing this class. Fast paced overview of US History designed to stimulate and challenge students. Course examines the causes and effects of historical events and social conditions covering the time periods from early exploration to the present. Outside reading as well as Document Based and Free Response Essays are required weekly or bi-weekly. Class discussion of historical and current events is mandatory. The course culminates with the Advanced Placement United States History Exam which may be taken in the spring of the school year. **Note: This class will fulfill the US History requirement for graduation.**



SPECIAL EDUCATION

Special Education provides access to Free and Appropriate Public Education (FAPE) for students who have identified educational disabilities that require specially designed instruction.

The Special Education Department provides instruction, support and accommodations for students with identified educational disabilities at Spaulding High School. Students that receive Special Education services access their education with an Individualized Education Plan (IEP) that is developed with their Special Education team at Spaulding. Courses offered by the Special Education Department are designed to provide students with specially designed instruction that aligns with students' Individualized Education Plan.

Enrollment in most Special Education Department courses is available only to those students with identified educational disabilities with a current IEP and placement at Spaulding High School. Students without educational disabilities can enroll in and earn credit in Collaborative Classes but do not receive special education services in their participation and completion of these classes.

COURSE	CRS#	GRADE	CREDIT	LENGTH
Collaborative Art offered	ART201	10-12	1/2	Quarter - Mini
Collaborative Creative Fabrics	FCS103	10-12	1/2	Quarter
Collaborative Drumming	MUS122	9-12	1/2	Quarter - Mini
Collaborative Language (not offered 2026-27)	WL131	9-12	1/2	Semester Mini
Collaborative/Unified PE	PE107	9-12	1/2	Quarter
Collaborative Sign Language (Not offered 2026-2027)	SP170	9-12	1/2	Quarter
Exploring A.C.T	SP151	12	1/2	Quarter
A.C.T. Academic Center for Transition	SP150	A.C.T.	N/A	Year
L.I.T.E. (Learning Independence Through Experience)	SP140	9-12	1/2	Quarter
Skills English A Mini	ENG185	9-12	1	Year Mini
Skills English B Mini	ENG186	9-12	1	Year Mini
Skills Math A Mini	MA180	9-12	1	Year Mini
Skills Math B Mini	MA181	9-12	1	Year Mini
Skills Media Literacy & Current Issues	SP160	10-12	1	Semester
Skills Nutrition, Health and Safety Mini	SP180	9-12	1	Year Mini
Skills Read/Write Mini	SP120	9-12	1	Year Mini
Skills Science	SC220	10-12	1	Semester
Skills Social Studies	SS167	9-12	1	Semester

COLLABORATIVE ART

CRS ART201 GRADE 10-12 CREDIT 1/2 S MINI

PREREQUISITE: Special Education students enrollment will be made through IEP team decision. Art provides an exciting opportunity for students to share art. In this course students in regular education are paired with students in special education to collaborate on art assignments. Each will contribute to the design and production of a variety of art works. There will be both jointly and independently created art works. Note: This class will fulfill the fine arts requirement for diploma. This class may be taken more than once.

COLLABORATIVE CREATIVE FABRICS (π)

CRS FCS103 GRADE 10-12 CREDIT 1/2 Q 1 BLOCK

PREREQUISITE: Application to FCS Department. Special Education students enrollment will be made through the IEP team decision. In this course students in regular education are paired with students in special education to collaborate on creative fabric projects. Each will contribute to the design and production of a variety of fabric projects.

COLLABORATIVE DRUMMING MINI

CRS MUS122 GRADE 9-12 CREDIT 1/2 Q 1 BLOCK

PREREQUISITE: Special Education students will be selected by their IEP team.

This class provides an exciting opportunity for students to participate in music exploration and instruction in drumming. In this course students in regular education will be paired with students with identified educational disabilities to collaborate to play patterns on authentic African drums and percussion instruments. No prior

musical performance experience is necessary. Knowledge of how to read traditional rhythmic and/or melodic notation would be helpful, but is not required. A desire and willingness to learn in a unique, and often loud, environment is a must! **This course MAY be repeated for credit.**

COLLABORATIVE LANGUAGE EXPERIENCE (not offered 2026-2027)

CRS WL131 GRADE 9-12 CREDIT 1/2 S MINI

PREREQUISITE: Special Education students enrollment will be made through IEP team decision. In this course, students in regular education are paired with students in special education to collaborate in a language learning environment. Students will develop both oral communication and listening comprehension skills. Cultural celebrations and events will enrich the classroom experience, opening the doors to different cultures and breaking down barriers. Communication is the basis of standards for all levels of modern and classical languages.

COLLABORATIVE/UNIFIED PE

CRS PE107 GRADE 9-12 CREDIT 1/2 Q 1 BLOCK

PREREQUISITE: Fundamental PE Special Education students enrollment will be made through IEP team decision.

This class provides an excellent opportunity for students to participate in physical activity together. In this course students in regular education will be paired with students with special education to collaborate on physical activities. Activities included will be Fitness, Weight Room, Sports and Climbing related. Students will work together on improving skill levels within each activity. Note - The 1/2 credit earned in this course can be applied to the 1 credit required for diploma..

COLLABORATIVE SIGN LANGUAGE (NOT OFFERED 2026-2027)

CRS SP170 GRADE 9-12 CREDIT 1/2 Q 1 BLOCK

PREREQUISITE: Special Education students enrollment will be made through IEP team decision. In this course students in regular education will be paired with students in special education to develop sign language skills and collaborate on class assignments.

Students taking the Collaborative Sign Language course will gain knowledge about cultural practices of the deaf community and will increase their understanding of this part of the community. By learning basic visual gestural system, students will obtain the tools needed to connect with others that use a visual gesture system. Skills signing students will develop an understanding of the nature of language including using their hands and bodies in basic signs for everyday use and valuable information about the cultural aspects of hearing loss. The students will be able to use this knowledge to expand insight into their own language and culture. By the end of the course, students will enhance their personal knowledge and be able to communicate with a larger segment of the 21st century community.

ACADEMIC CENTER FOR TRANSITION (A.C.T)

CRS SP150

PREREQUISITE: Placement will be determined through IEP team decision.

The Spaulding High School A.C.T. program is specifically designed programming and classes that prepare students for transition to their goals as young adults in the community. Students In the A.C.T. program have completed most of their high school classes and are in need of a more intensive instruction and additional practice to transition to the adult world. Individualized student programs will provide real-world experience with a foundation in civic duties, vocational opportunities, daily living skills, recreational activities and community involvement. The goal of the program is to maximize a student's autonomy upon completion of their high school experience. Note: Because of the intensive nature of individualized programming, students' daily schedules may not reflect SHS BLOCK scheduling. Differences in schedules such as shortened day will be determined through IEP team decision.

EXPLORING ACADEMIC CENTER FOR TRANSITION (A.C.T.)

CRS SP151 GRADE12 CREDIT 1/2 Q 1 BLOCK

PREREQUISITE: Placement will be determined through IEP team decision and requires the approval of the special education coordinator.

This course is designed for students who are in the third and fourth year of High School and have transition goals that may require continued education after their fourth year of high school. Students will have the opportunity to explore the A.C.T. program and begin accessing learning opportunities that support development of life skills, work skills and community involvement.

L.I.T.E- LEARNING INDEPENDENCE THROUGH EXPERIENCE

CRS SP140 GRADE 9-12 CREDIT 1 Q 1 BLOCK

PREREQUISITE: Placement will be determined through IEP team decision.

Students in the L.I.T.E. program are taught all academics through specially designed instruction aligned with the IEP. Science, social studies, language arts and math are all encompassed within the program. Students have academic time as well as daily living skills instruction, work skills development, recreational activities and community participation. Students can also attend mainstream classes with support, as determined by their IEP.

SKILLS ENGLISH A MINI

CRS ENG185 GRADE 9-12 CREDIT 1 Y MINI BLOCK

SKILLS ENGLISH B MINI

CRS ENG186 GRADE 9-12 CREDIT 1 Y MINI BLOCK

PREREQUISITE: Placement will be made by IEP team decision.

The curriculum includes a study of grammar, usage, and mechanics, vocabulary, speech, composition, and literature through specialized instruction. Students will be exposed to English competencies. This course includes an intervention piece with specialized instruction based on IEP goals.

SKILLS MATH A MINI

CRS MA180 GRADE 9-12 CREDIT 1 Y MINI BLOCK

SKILLS MATH B MINI

CRS MA181 GRADE 9-12 CREDIT 1 Y MINI BLOCK

PREREQUISITE: Placement will be made by IEP team decision.

Students in this course will cover basic number sense, operations, basic geometry, time, money, and other skills needed for independent daily living and functioning in the world of work through specialized instruction. Interventions are incorporated in the curriculum and students work on both competencies for math as well as individual IEP goals.

SKILLS MEDIA LITERACY AND CURRENT ISSUES

CRS SP160 GRADE 10-12 CREDIT 1 S 1 BLOCK

PREREQUISITE: Placement will be made by IEP team decision.

Students will explore relevant current issues via the mediums of film, radio, DVD, TV, electronic media, and advertising content through specialized instruction. They will develop an awareness of literacy and literature in the highly animated, visually stimulating era of modern media. Students will learn strategies to manage the enormous amount of information delivered through the media. They will be introduced to forms of technology that can support their learning now and in the future.

SKILLS NUTRITION, HEALTH AND SAFETY MINI

CRS SP180 GRADE 9-12 CREDIT 1 Y MINI BLOCK

PREREQUISITE: Placement will be made by IEP team decision.

Nutrition, Health and Safety is a class designed to provide students with realistic classroom opportunities to acquire the knowledge and skills to serve as the building BLOCKs to understanding health related issues. Students will be instructed to obtain, interpret, and understand basic health information and services in ways that enhance and actively promote a health conscious lifestyle.

SKILLS READ/WRITE MINI

CRS SP120 GRADE 9-12 CREDIT 1 Y MINI BLOCK

PREREQUISITE: Placement will be made by IEP team decision.

Students in this class will focus on increasing skill level and comfort in reading and writing as well as building effective communication skills through specialized instruction. The class will utilize strategies to increase communication skills, evaluate media and acquire, construct and express knowledge. The reading component of this class will focus on comprehension, decoding and fluency. The writing component will focus on structuring sentences and effectively organizing ideas. Another component of this class will be exploration of technology that supports the previously mentioned skills.

SKILLS SCIENCE

CRS SC220 GRADE 10-12 CREDIT 1 S 1 BLOCK

Prerequisite: Completed Health or **SKILLS NUTRITION, HEALTH AND SAFETY. Placement will be made by IEP team decision based on Safety in a lab setting, handling equipment and manipulatives, working with lab partners and ensuring safety to others**

Skills science emphasizes understanding of basic concepts and using skills acquired through specialized instruction. The students will observe, inquire, question, formulate and test hypotheses, analyze data, report and evaluate findings. The students will have hand-on, safe authentic lab experiences throughout the instruction of the science curriculum. The concepts that are to be taught are directly correlated to the Spaulding High School Science competencies. Skills Science is a co-taught class by a teacher with Special Education Certification, as well as a teacher with science certification. This class does not alter its content and therefore should be taken once during the student's enrollment at Spaulding High School.

SKILLS SOCIAL STUDIES

CRS SS167 GRADE 9-12 CREDIT 1 S 1 BLOCK

PREREQUISITE: Placement will be made by IEP team decision.

This semester-long course serves as a survey of the major subjects of social studies through specialized instruction. Students will investigate essential understandings in civics, economics, history and current issues with an emphasis on life skills and enduring lessons. Specifically, the focus will be on the topics of citizenship, the structure of government, economic skills, human rights and change over time. By the end of the course, students should have the knowledge and tools to be productive members of the community and critical thinkers about humanity.



WORLD LANGUAGE

Each high school's world language program shall have competencies and curriculum aligned with "New Hampshire Guidelines for World-Ready Language Learning," 2018"

Learning Languages guides students towards developing competence in communicating effectively, interacting with cultural differences, and participating in multilingual communities at home and around the world. (ACTFL.org 2018)

To arrive at these goals, at least a two year preparation in a world language is considered essential to a basic college preparatory high school program. Students who plan to attend competitive colleges should study a modern or classical language for three or four consecutive years. The World Language Department recommends that students who are considering taking first year language be enrolled in at least ENR level English classes. Language students continuing onto the next level must have successfully completed the previous level. A teacher recommendation is also recommended. As language study is sequential in nature, courses should be taken as close together as possible.

COURSE	CRS#	GRADE	CREDIT	LENGTH	College Credit Opportunity
Collaborative Language Experience: Peer Leader ENR	WL130	10-12	1	Semester	
French 1 ENR	WL101	9-12	1	Semester	
French 2 ENR	WL102	9-12	1	Semester	
French 3 HNR	WL103	9-12	1	Semester	
French 4 HNR	WL104	10-12	1	Semester	
French 5 HNR	WL105	11-12	1	Semester	
French AP	WL106	11-12	2	Year	*
Spanish 1 ENR	WL111	9-12	1	Semester	
Spanish 2 ENR	WL112	9-12	1	Semester	
Spanish 3 HNR	WL113	9-12	1	Semester	
Spanish 4 HNR	WL114	10-12	1	Semester	
Spanish 5 HNR	WL115	11-12	1	Semester	
Spanish Advanced Studies	WL117	11-12	1	Semester	
Spanish AP	WL116	11-12	2	Year	*

COLLABORATIVE LANGUAGE EXPERIENCE: PEER LEADER ENR (Not offered 2026-2027)

CRS WL130 GRADE 11-12 CREDIT 1 S 1 BLOCK

PREREQUISITE: One year of World Language approved by that teacher. In this collaborative language learning environment, peer leaders will not only aid in social, oral and listening skills with special education students, but will also develop and implement lesson plans for short lessons on a weekly basis. These lesson plans will be in line with department standards and will consist of a written plan, implementation, and a post-lesson conference with the teacher. The intent is to give students an exposure to effective educational techniques for those considering a career in education.

FRENCH 1 ENR

CRS WL100 GRADE 9-12 CREDIT 1 S 1 BLOCK

It is recommended that students enrolling in a World Language be enrolled in ENR level English. It is assumed that French 1 students have not studied French previously. Emphasis is placed on beginning grammar, speaking, reading, writing, listening comprehension and cultural awareness. The highlight of French 1 is the café unit where in addition to learning how to order in a café, students prepare an authentic French feast.

FRENCH 2 ENR

CRS WL102 GRADE 9-12 CREDIT 1 S 1 BLOCK

PREREQUISITE: French 1 and teacher recommendation.

French 2 is a continuation of French 1. Emphasis is placed on continuing beginning grammar, speaking, reading, writing, listening comprehension and cultural awareness. The students will continue to practice in the present tense with a main focus on the past tense. The highlight of French 2 is an exploration of Paris, its many marvels, and rich history.

FRENCH 3 HNR

CRS WL103 GRADE 9-12 CREDIT 1 S 1 BLOCK

PREREQUISITE: French 2 and teacher recommendation.

The emphasis of French 3 is placed on intermediate grammar, speaking, reading, writing, listening comprehension and cultural awareness. With a main focus on the two past tenses. Students will be exposed to a wide variety of authentic French short stories and excerpts. The highlight of French 3 will be constructing a personal scrapbook on a camping adventure. It should be noted that HONORS courses move at a faster pace than ENR level courses and demand a greater workload.

FRENCH 4 HNR

CRS WL104 GRADE 10-12 CREDIT 1 S 1 BLOCK

PREREQUISITE: French 3 and teacher recommendation.

The emphasis of French 4 is placed on advanced grammar, speaking, reading, writing, listening comprehension and cultural awareness. Students will be introduced to the future, conditional, and subjunctive tenses will be exposed to a wide variety of authentic French short stories and excerpts. Students will also be introduced to the past perfect, future perfect, past conditional, and exposed to the simple past tenses. Students will also further develop their skills with informal writings. The highlight of French 4 is the travel unit and production of grammatical and thematic videos. Classes are mostly conducted in French. It should be noted that HONORS courses move at a faster pace than ENR level courses and demand a greater workload.

FRENCH 5 HNR

CRS WL105 GRADE 11-12 CREDIT 1 S 1 BLOCK

PREREQUISITE: French 4 and teacher recommendation.

The focus of this course will be placed on advanced grammar, speaking, reading, writing, listening comprehension and cultural awareness. This will be achieved through the use of current topics within the French-speaking world. Communication skills and cultural awareness will be enhanced by daily speaking and writing activities. Reading and listening materials will primarily come from materials prepared for native speakers from authentic news sites. Class will be conducted all in French. It should be noted that HONORS courses move at a faster pace than ENR level courses and demand a greater workload.

FRENCH AP

CRS WL106 GRADE 11-12 CREDIT 2 Y 1 BLOCK

PREREQUISITE: French 4 and/or teacher recommendation.

The goals of AP French are to develop the ability to understand spoken French in various contexts, to develop a French vocabulary sufficient for reading newspaper and magazine articles, literary texts, and other non-technical writings without dependence on a dictionary. In addition, the student will develop the ability to express oneself in French, both orally and in writing, coherently, resourcefully and with reasonable fluency and accuracy. It is important that students have a strong command

of the language as well as the motivation and discipline required to keep up with a challenging and demanding curriculum, equivalent to a second or third year college course of French conversation and composition. Classes are conducted exclusively in French.

SPANISH 1 ENR

CRS WL111 GRADE 9-12 CREDIT 1 S 1 BLOCK

It is recommended that students enrolling in a World Language be enrolled in ENR level English. Students who have taken Spanish 1 previously, and have passed with an A or B, are ineligible for this class. Students who received a C should discuss proper placement with their guidance counselor and Spanish teacher. Emphasis of the class is placed on beginning level communication and an introduction to the Spanish-speaking world. The goal of this course is to prepare students for Spanish 2 ENR

SPANISH 2 ENR

CRS WL112 GRADE 9-12 CREDIT 1 S 1 BLOCK

PREREQUISITE: Spanish 1 and teacher recommendation.

This course offers students the opportunity to further develop their communication skills in Spanish, focusing on the present and past tenses. Study of geography and cultures of the Spanish-speaking world will continue.

SPANISH 3 HNR

CRS WL113 GRADE 9-12 CREDIT 1 S 1 BLOCK

PREREQUISITE: Spanish 2 and teacher recommendation.

Through exposure to many tenses and more advanced grammatical topics, students will learn to enhance their interpersonal and presentational communication skills, along with their comprehension of written and spoken Spanish. Exposure to a variety of written and audio-visual works offers insight into the culture of the Spanish-speaking world. It should be noted that HONORS courses move at a faster pace than ENR level courses and demand a greater workload.

SPANISH 4 HNR

CRS WL114 GRADE 10-12 CREDIT 1 S 1 BLOCK

PREREQUISITE: Spanish 3 and teacher recommendation.

The focus of this course is on cross-border comparisons. Communication and comprehension skills are further developed through exposure to a variety of readings and audio-visual sources such as poems, stories, and movies. More advanced grammar topics are taught and practiced in all areas of communication. Classes are conducted mostly in Spanish. It should be noted that HONORS courses move at a faster pace than ENR level courses and demand a greater workload.

SPANISH 5 HNR

CRS WL115 GRADE 11-12 CREDIT 1 S 1 BLOCK

PREREQUISITE: Spanish 4 and/or teacher recommendation

The focus of this course will be on current topics within the Spanish-speaking world. Communication skills and cultural awareness will be enhanced by daily speaking and writing activities. Reading and listening materials will primarily come from materials prepared for native speakers. Class will be conducted almost exclusively in Spanish.

SPANISH ADVANCED STUDIES

CRS WL117 GRADE 11-12 CREDIT 1 S 1 BLOCK

PREREQUISITE: Spanish 4 and/or teacher recommendation.

This course is available to students who are interested in advancing their knowledge of the Spanish language and Hispanic cultures. Native speakers, heritage language learners, and students interested in AP level work are encouraged to take this course. Its focus will be on current topics with the Spanish-speaking world and also based on student interest. Classes will be conducted almost exclusively in Spanish. Communication, grammar skills and vocabulary will be developed through the use of authentic materials. This course may run concurrently with Spanish AP, or Spanish 5.

SPANISH AP

CRS WL116 GRADE 11-12 CREDIT 2 Y 1 BLOCK

PREREQUISITE: Spanish 4 and/or teacher recommendation.

Spanish AP is a nationally standardized course. The use of language for active oral and written communication is emphasized to help the student develop the ability to understand Spanish in various contexts. Vocabulary will be expanded by reading newspapers, magazine articles, and literary texts without the use of a dictionary. The course will also expand the student's understanding of the Spanish speaking culture. Students will gain the ability to express themselves with reasonable fluency and accuracy in both written and spoken Spanish. Students may take the Advanced Placement Spanish Exam for college credit as per University or college policy.

CAREER AND TECHNICAL EXPLORATORY COURSES

All Career and Technology Exploratory Courses are designed for students to investigate the nature of technology as it applies to potential career pathways, technical-industrial methods, daily living, consumer choice, the environment, hobbies, and the development of attitudes and skills necessary for potential success in both college and careers. Students use problem solving techniques to plan for, design, create and experiment with technology. By working with tools, materials and power equipment, students relate academic education topics to occupational and leisure activities. Students gain meaningful and practical experience through applied and performance based instruction and assessment to obtain knowledge, skills, and content in both the classroom and lab settings. All students should consider a career and technical component to enhance their high school educational experience.

COURSE	CRS#	GRADE	CREDIT	LENGTH	4 th Math Experience
Blueprint Reading/CAD Drafting ENR	CT110	9-12	1/2	Quarter	π
Graphic Design - Exploring	CT111	9-10	1/2	Quarter	π
HVACR – Exploratory	CT112	9-10	1/2	Quarter	π
Introduction to Banking - Exploring	CT115	9-11	1/2	Quarter	π
Introduction to Photography & Video	CT114	9-10	1/2	Quarter	π
Introduction to Programming	CT113	9-11	1/2	Quarter	π
Millwork Exploratory	CT109	9-11	1/2	Quarter	π
Myth Busters – S.T.E.M.	CT116	9-10	1/2	Quarter	π
PC Repair & Maintenance	CT117	9-11	1/2	Quarter	π
Precision Machining - Exploring	CT118	9-10	1/2	Quarter	π
Restaurant Careers – Exploring	CT119	9-10	1/2	Quarter	π
Robotics	CT120	9-12	1/2	Quarter	π

BLUEPRINT READING/CAD Drafting ENR (π)

CRS CT110 GRADE 9-12 CREDIT 1/2 Q 1 BLOCK

Students will learn how to create designs with the use of computer aided design software and how to use these designs to manufacture everyday objects. Computer software such as AutoCAD and Solid works will be explored. After completion of this course students will be able to interpret and design any object for manufacturing. Topics included, but not limited to: safety, blueprint reading, computer design, math, physics, and manufacturing skills. This course is designed for students considering entering the manufacturing/engineering field or other careers where blueprints and following plans are important.

GRAPHIC DESIGN - EXPLORING (π)

CRS CT111 GRADE 9-10 CREDIT 1/2 Q 1 BLOCK

In today's digital world, graphic design is everywhere. You can see it in advertising, logo design, fashion prints, social media and on your favorite products. This class introduces you to the world of image composition and how to thoughtfully create a graphic. You will also have the opportunity to learn the basics of Adobe Photoshop and Illustrator software, and how to make lasting digital images, as well as creatively edit photos. Successful completion of this exploratory course is strongly encouraged to apply to the Graphic Design CTE Program. **Note: This course will fulfill the fine arts requirement for graduation.**

HVACR – EXPLORATORY (π)

CRS CT112 GRADE 9-10 CREDIT 1/2 Q 1 BLOCK

The U.S. Bureau of Labor expects the nationwide demand for trained HVAC specialists to continue to grow due to advances in technology and an aging workforce. Explore the introductory skills required in installing, servicing and repairing air conditioning, refrigeration and heating equipment in commercial and residential settings.

INTRODUCTION TO BANKING - EXPLORING (π)

CRS CT115 GRADE 9-11 CREDIT 1/2 Q 1 BLOCK

Students will gain a basic understanding of the banking industry and essential financial literacy skills. The course will explore the fundamental roles of the credit union and explore the role of a teller. This will include how tellers manage customer service skills, handle deposits, withdrawals, checks, and provide essential services. Students will also gain knowledge on earning, budgeting, saving, and understanding interest rates. Through activities and real-world scenarios students will gain practical skills to manage their own finances, make informed decisions, and develop the knowledge necessary for the foundation to start a career in banking.

INTRODUCTION TO PHOTOGRAPHY & VIDEO (π)

CRS CT114 GRADE 9-10 CREDIT 1/2 Q 1 BLOCK

Students will be introduced to the field of photography & video. This introductory course will cover the use of a DSLR Camera for photography and video. Digital post processing on the computer will be covered. This class is the perfect stepping-stone to CTE Digital Photography & Video Production Course for those students that have a real passion to express themselves in the field of photography and video. Students are required to obtain and keep an SD memory card of 2GB capacity or larger. **This course will fulfill the fine arts requirement graduation.** Successful completion of this exploratory course is strongly encouraged to apply to the Video and Photo Arts CTE Program.

INTRODUCTION TO PROGRAMMING (π)

CRS CT113 GRADE 9-11 CREDIT 1/2 Q 1 BLOCK

In Introduction to Programming students will explore many aspects and careers in computer programming. Students will learn how to code and design basic apps. Students will explore the basics of PC software programming concepts using various programming languages. Successful completion of this exploratory course is strongly encouraged to apply to the Computer Technology CTE Program.

MILLWORK EXPLORATORY

CRS CT109 GRADE 9-11 CREDIT 1/2 Q 1 BLOCK

Students are introduced to woodworking through an engaging, hands-on instructional approach designed to build both foundational skills and confidence. Emphasis is placed on developing problem-solving abilities through individual and collaborative projects involving planning, design, layout, and the manufacturing of wood products. The course incorporates discussions on consumer awareness and environmental considerations within the woodworking industry, while also exploring related career pathways. A strong emphasis is placed on safety, including comprehensive instruction on the proper use, care, and maintenance of hand and power tools to ensure a safe and productive learning environment.

MYTH BUSTERS- S.T.E.M. (π)

CRS CT116 GRADE 9-10 CREDIT 1/2 Q 1 BLOCK

This course is designed to combine Science, Technology, Engineering, and Math into real life application and problem solving. Each week there will be a new "Myth" to solve using S.T.E.M. Students will enjoy this hands-on course and learn valuable problem solving methods. Students will be exposed to a variety of courses taught within the Technology Center and use their resources to build projects to test their "myths".

PC REPAIR & MAINTENANCE (π)

CRS CT117 GRADE 9-11 CREDIT 1/2 Q 1 BLOCK

Through hands-on activities, tests and laboratory exercises PC Repair and maintenance will focus on the skills needed to keep your computer in good running condition. Among the subjects discussed will be operating system installation, virus/malware protection and removal, backing up and restoring PC software and data, installing and removing software and more. Successful completion of this exploratory course is strongly encouraged to apply to the Computer Technology CTE Program.

PRECISION MACHINING- EXPLORING (π)

CRS CT118 GRADE 9-10 CREDIT 1/2 Q 1 BLOCK

Students will be exposed to and learn the beginning phases of the machining trade through extensive class instruction focusing on safety, testing, and performance assessments. Topics also include: machine tool history, metrology, hands on demonstrations, projects based on actual machining operations in the machining trade performed in the Machine Tool Lab (Manual Machining Lathe, and Mill). Exploratory students will gain the understanding of what precision machining is through real time machine shop safety practices. Students will be exposed to intensive course dynamics with an instructor from industry to prepare for employment. Successful completion of this exploratory course is strongly encouraged to apply to the Precision Machining CTE Program.

RESTAURANT CAREERS - EXPLORING (π)

CRS CT119 GRADE 9-10 CREDIT 1/2 Q 1 BLOCK

Restaurant Careers will offer students who have an interest in the food service industry the opportunity to explore possible careers. Careers to be explored include: chef, kitchen manager, front of house manager, server, host as well as catering opportunities. Students will also work periodically in the Our House café. Successful completion of this exploratory course is strongly encouraged to apply to the Restaurant Management CTE Program.

ROBOTICS (π)

CRS CT120 GRADE 9-12 CREDIT 1/2 Q 1 BLOCK

Students will build robots capable of being controlled with a remote and computer programmed to follow complex commands. Vex platforms will be the base building components to these robots. Students with a strong desire to continue on into the field of engineering will enjoy this class. Topics include: Safety, building with motors and gears, computer programming robots, practical applications of robots in today's industry. Topics include: Safety, computer programming, STEM, physics, manufacturing skills. This course is designed for students considering entering the manufacturing/engineering field.



COLLEGE & CAREER READINESS OR PREPAREDNESS COURSES

Prepare for life after high school and take advantage of courses specific to your long-term goals. Students will research career options, experience internships at local businesses, prepare for college admission, and experience the virtual classroom through these course offerings.

Course	CRS#	GRADE	CREDIT	LENGTH
Advisory 1		9	1/4	Year
Advisory 2		10	1/4	Year
Advisory 3		11	1/4	Year
Advisory 4		12	1/4	Year
English Language Arts SAT Prep VLACS		10-12	1/2	Quarter
Math SAT Prep VLACS		10-12	1/2	Quarter
Career Planning	CCR101	11-12	1/2	Quarter
College Planning	CCR111	10-12	1/2	10 Week Seminar

ADVISORY 1

Grade 9 Credit 1/4 Y Advisory M/F

Advisory 1 helps students acclimate to high school and begin exploring their personal interests and career goals. Students develop foundational study habits and workplace skills through interactive lessons, discussions, and reflection activities using the Xello platform. By the end of the year, students gain insight into their strengths, interests, and the skills needed to thrive in high school and beyond.

ADVISORY 2

Grade 10 Credit 1/4 Y Advisory M/F

Advisory 2 supports students in deepening their self-awareness and understanding of workplace expectations. Through career-connected learning and Xello lessons students examine how personal priorities, skills, and education choices align with potential career paths. The course encourages students to make informed decisions about their academic focus and future goals.

ADVISORY 3

Grade 11 Credit 1/4 Y Advisory M/F

Advisory 3 guides juniors as they prepare for postsecondary planning and explore diverse career pathways. Students engage in lessons via Xello that place an emphasis on understanding career paths, evaluating educational and workplace training options, and identifying pathways that support both career success and personal fulfillment.

ADVISORY 4

Grade 12 Credit 1/4 Y Advisory M/F

Advisory 4 is the capstone of the advisory program and a graduation requirement. Seniors focus on postsecondary readiness by completing Xello lessons. Students finalize their Post-High School Plan, reflecting on their academic and career goals while preparing essential materials such as resumes, interview strategies, and application plans. Advisory 4 ensures that each student graduates with a clear and actionable plan for their future.

ENGLISH LANGUAGE ARTS SAT PREP VLACS

GRADE 10-12 CREDIT 1/2 Q 1 BLOCK

This course is a VLACS course and "will focus on English and Language Arts (ELA) critical thinking skills and is appropriate for students looking to review these skills in preparation for standardized tests such as the SAT, ACT and Common Core Standards Assessment. The course begins with an overview of techniques relating to critical thinking and test taking, followed by a sample standardized assessment. Students will then explore topics including vocabulary, reading skills and writing skills."

MATH SAT PREP VLACS

GRADE 10-12 CREDIT 1/2 Q 1 BLOCK

This course is a VLACS course and "will focus on math critical thinking skills, and is appropriate for students looking to review these skills in preparation for standardized tests such as the SAT, ACT and Common Core Standards Assessment. The course begins with an overview of techniques relating to critical thinking and test taking, followed by a sample assessment. Students then explore topics including integers, statistics, algebra, geometry, charts and graphs."

CAREER PLANNING

CRS CCR101 GRADE 11-12 CREDIT 1/2 Q 1 BLOCK

This course is designed for seniors who are preparing to attend a 2 year community college, technical college or directly enter the workforce. Students will participate in the following activities: explore career options, set short-term and long-term goals, identify marketable skills, prepare college and job applications, prepare a cover letter, complete a resume and engage in mock interviews with community partners.

COLLEGE PLANNING

CRS CCR111 GRADE 10-12 CREDIT 1/2 10 Week Seminar FLEX

College Planning is a dynamic 10-week program designed to prepare high school students for the college admissions process. Throughout the course, students will gain a deep understanding of the college admissions process, including writing resumes and college essays, exploring different colleges, attending college fairs, and completing college applications. By the end of the seminar, students will be equipped with the necessary knowledge and skills to successfully navigate the college admissions process with confidence. Moreover, they will have had the opportunity to participate in a seminar-like setting, providing them with a taste of the college experience while still in high school.

EXTENDED LEARNING OPPORTUNITIES

Extended Learning Opportunities (ELOs) provide approved educational experiences outside the traditional classroom setting. These opportunities enable students to demonstrate mastery of competencies through alternative approaches, as defined by the New Hampshire Department of Education (NHDOE): “instruction or study outside of the traditional classroom methodology.”

Students participating in ELOs will work collaboratively with the ELO Coordinator and their faculty advisor to meet academic goals while gaining valuable skills and experiences for pre-approved experiences. The Spaulding High School Extended Learning Opportunities Procedures are available on the Career Connected Learning Center's Website . Below are the primary ELO options available:

Career Internship

- **Description:** A temporary, unpaid position that pairs students with professionals in the community to explore career fields of interest.
- **Objective:** To provide hands-on experience in a professional setting and develop essential workplace skills.

Independent Study

- **Description:** A self-directed learning experience designed for students interested in topics or courses not currently offered in the traditional curriculum.
- **Objective:** To foster in-depth exploration of specialized academic interests or advanced topics.

Work-Based Learning

- **Description:** A paid employment experience that integrates academic learning with practical work experience in a real-world setting.
- **Objective:** To deepen learning and provide meaningful career exploration through authentic employment opportunities.

Career ExplorationTeacher Assistant

- **Description:** A structured opportunity for students to support classroom teachers and gain experience in education and training.
- **Objective:** To develop organizational, instructional, and leadership skills while gaining insight into educational careers.

Job Shadow

- **Description:** A short-term experience in which students observe professionals in the workplace to learn about specific careers. Job shadows can vary in length and may be credit-bearing or non-credit-bearing depending on the scope of the experience.
- **Objective:** To expose students to real-world career opportunities, deepen their understanding of workplace expectations, and support informed decision-making about future career pathways.Shadow

College Planning

- **Description:** A seminar-style ELO designed to guide high school students through the college admissions process. Students engage in activities such as resume and college essay writing, researching and comparing colleges, attending college fairs, and preparing for college applications.
- **Objective:** To equip students with the knowledge, skills, and confidence needed to successfully navigate the college admissions process while experiencing a college-like seminar environment prior to graduation.

Each ELO is designed to offer meaningful learning experiences that align with academic goals and career exploration. Students interested in participating must consult the ELO Coordinator or their School Counselor to discuss eligibility and program requirements before an experience begins.

R. W. CRETEAU CAREER TECHNICAL CENTER



Spaulding High School students can apply to enroll in one of the Career Technical Center (CTC) program offerings at the three CTCs that serve the Tri-City area:

R. W. Creteau Career Technical Center at Spaulding High School (Rochester)
Dover High School/Regional Career Technical Center
Somersworth High School/Career Technical Center

Each CTC provides students with the opportunity to study their career interests by enrolling in one of the CTC's programs. By combining a CTE program with an appropriate sequence of high school courses (refer to the Career Clusters plans of study), students will prepare themselves for a variety of options after high school, including four-year and two- year college programs, apprenticeships, and entry-level positions in their career field.

CTE programs are not simply electives. Most CTE programs are two years in length and a student can start in their Sophomore year. They are designed to develop the technical, academic and employability skills that will help students become successful members of today's workforce. We are looking for students who are genuinely interested in enrolling in a CTE program and willing to make the two-year commitment to complete the program.

Enrollment Information: All students applying to Programs at the R.W. Creteau Technology Center, Dover Technology Center, or Somersworth Career Technical Center will now use the SchoolMint platform to apply!

New Students

1. Go to **SchoolMint** - <https://tricity.schoolmint.com/login>
2. Click **Create an Account** and be sure to use **your school email address**.
3. Enter your personal and contact information.
4. Enter your parent/guardian information.
5. Enter your school information.
6. Select the CTE program(s) you'd like to apply for.
7. Answer the program interest questions and **submit**.

Returning Students

1. Go to **SchoolMint** - <https://tricity.schoolmint.com/login>
2. Click **Log In** and sign in with your **school email address**.
3. Click **Start** next to the **Tri-City Application**.
4. Complete the application steps, select the program you're interested in, answer the program interest questions, and **submit**.

To complete the application, students must have an active email address and be able to provide an email address for their parent/guardian. Students who have any questions about the application process should see their School Counselor, the Director of CTE, or the Teacher of the CTE Program they are interested in.

Students should know that completing an application does not guarantee acceptance into the CTE program they are applying for. There are many factors that are considered including each student's GRADES, discipline record and attendance record. There are also limits on how many students can be enrolled in each CTE program. Students are encouraged to list a second choice in case their first choice is not available.

Students will be enrolled based on the following priorities:

1. GRADE in School

Priority is given to students who can complete a full program.

2. Student Records

Transcript/GRADES
Attendance Record
Discipline Record

Students will be notified by email of their application status. The high school guidance counselors will also be notified so that they can work with the student to create a course schedule that can best accommodate the CTE program and the student's required academic coursework.

Additional factors to consider when choosing to apply to a CTE program:

Students need to demonstrate the willingness to engage in the course content and are expected to adhere to the attendance policy in place at the CTC. Students should be aware that their acceptance into a CTE program can be revoked at any time. Unwillingness to actively participate and/or excessive absences could result in removal from the program.

Because of the nature of many of our programs, students need to be able to demonstrate the ability to adhere to safety rules so as to not endanger themselves or others. Student misconduct will not be tolerated and could be grounds for removal from the program. Students who cannot exhibit safe behavior will be removed from the program.

Students should be aware that the courses that comprise each CTE program are not offered each BLOCK. Students should speak with their guidance counselor to determine when during the school day the different courses are offered. For those students who are considering a program at either Dover or Rochester, they should understand that each school runs on its own daily schedule. Additionally, buses are available to take students back and forth to the schools but the travel time to and from Dover and Rochester may have an adverse effect on a student's course schedule in Somersworth. **Meeting academic requirements for graduation must be the priority when scheduling a student who has been accepted into a CTE program.** Students, parents and guidance counselors need to carefully consider the impact of participating in an off-campus CTE program as they make decisions about the student's yearly course schedule. Once enrolled, students are expected to stay enrolled in that course until the end of the semester or year (whichever is the case). When extenuating circumstances exist, students may be allowed to drop a full-year course at the end of the first semester, but they will NOT receive credit for partial completion. Students should also be aware that only second semester courses can be added if the student has taken the necessary prerequisite. No students will be allowed to add a full-year course in the second semester.

Career Technical Education includes Professional & Employability Standards (Soft Skills) that students should be consistently demonstrating in Year 1 of a program. If a student is not demonstrating these skills, there may be concerns regarding the student's ability to continue into Year 2 of the program. Our desire is to always support students in completing their CTE Program - Program teachers will communicate concerns with students and families. If a student is unable to show improvement in the identified areas, at the program teacher's discretion, they may not be able to continue into Year 2 of a program.

Program Offerings the following table identifies which CTE programs are offered at each Career Technical Center.

R.W. Creteau Technology Center – Rochester

All students must complete the Year 1 Program courses before they apply for Year 2.

[Advanced Manufacturing & Millwork](#)

[AFJROTC AVIATION S.T.E.M.](#)

[Architectural/Mechanical Engineering](#)

[Automotive Service Technology](#)

[Banking & Financial Services Program](#)

[Business Program](#)

[Computer Networking & Telecommunications Program](#)

[Criminal Justice & Homeland Security Program](#)

[Environmental Science & Sustainable Studies Program](#)

[Graphic Design Program](#)

[Health Science Technology Program / Dental Assist Pathway](#)

[Heating, Ventilation, Air Conditioning, & Refrigeration HVACR](#)

[Precision Machining Program](#)

[Restaurant Management Program](#)

[Teacher of Multiple Levels](#)

[Video & Photographic Arts](#)

REGIONAL CAREER & TECHNICAL EDUCATION PROGRAMS

[Animal Science Program - DOVER](#)

[Automotive Collision Technology Program – DOVER](#)

[Biomedical Science \(PLTW\) - DOVER](#)

[Broadcast Technology Program - SOMERSWORTH](#)

[Building Trades Program - SOMERSWORTH](#)

[Cosmetology Program – DOVER](#)

[Culinary Arts Program - SOMERSWORTH](#)

[Electrical Technology Program – DOVER](#)

[Medical Assisting Program - SOMERSWORTH](#)

[NAVAL SCIENCE /NJROTC Program - DOVER](#)

[Sports Medicine - DOVER](#)

[Seacoast Firefighting & EMS Academy - DOVER](#)

[Theatre Design & Technology - SOMERSWORTH](#)

[Welding Technology – DOVER](#)

ADVANCED MANUFACTURING AND MILLWORK

Program Course Sequence - [Video](#) - [Website](#)

Year 1 - Advanced Manufacturing/Millwork I (Full year, one BLOCK course)

Year 2 - Advanced Manufacturing/Millwork II (Full year, one BLOCK course)

ADVANCED MANUFACTURING/MILLWORK 1 ENR (π)

CRS CTE121 GRADE 10-11 CREDITS 2 (Full year course, CTE Program)

PREREQUISITE: Acceptance into the Advanced manufacturing and Millwork program.

During the first year students learn basic manufacturing skills as they apply to industry through project-based learning. Students will be able to utilize technology and machinery. From hand tools to computer numerical control (CNC) machines. Students will work with a variety of materials, such as wood, metal, plastics, composites, etc. Students will collaborate with the engineering program as well as the Machine tool program to have access to more technology. This is a hands on, Lab-based, course where safety and career preparation is one of the most important skills.

ADVANCED MANUFACTURING/MILLWORK 2 ENR (π)

CRS CTE122 GRADE 11-12 CREDITS 2 (Full year course, CTE Program)

PREREQUISITE: Successful completion of Advanced Manufacturing/Millwork 1.

During the second year students will expand upon their projects using more in-depth computer-aided design (CAD) as well as computer numerical control (CNC) programming. Students will develop a deeper understanding of the manufacturing process. They will have the opportunity to problem-solve in the creation and modification of projects across design, wood-working and machining areas to simulate industry. Career preparation to enter into the manufacturing field is a major focus and is highly desired within our Rochester area.

AFJROTC AVIATION S.T.E.M.

AFJROTC Aviation STEM courses provide students with the opportunity to explore and achieve certification in the aviation field as a commercial drone pilot and/or a private pilot. At the exploratory level, students can take AS 200 The Science of Flight: Physics of Flight and learn the basics of aerodynamic and flight operations. Students can earn a commercial drone pilot certificate and actually earn money flying drones through AS 200 The Science of Flight: UAS/Drone. Students will experience hands-on training using a commercial drone and associated systems and experience real world scenarios flying a drone for hire. Students interested in pursuing certification as a private pilot and the possibility of a career as a commercial pilot can complete the ground training portion and receive 2-5 hours of flight training in a Cessna 172 at Skyhaven Airport by taking AS 500 Aviation Ground School. Science of Flight and Aviation Ground School courses are offered at general, enriched, or honors level. The two Aviation History courses can be taken at any point and in any sequence. When enrolling in any of these courses, students will be part of the Air Force Junior ROTC program. Please follow this link to see the benefits and requirements of being in the AFJROTC program. [AFJROTC Aerospace Science & Leadership Education](#) - [Video](#) - [Website](#)

COURSE	CRS#	GRADE	CREDIT	LENGTH	4 TH MATH EXPERIENCE
AS 100 Journey Into Aviation History Through WWI	AS110	9-12	1	Semester	
AS 100 Journey Into Aviation History WWII and Beyond	AS111	9-12	1	Semester	
+AS 200: The Science of Flight:Physics of Flight	AS210	9-12	1	Semester	π
+AS 200: The Science of Flight: UAS/Drone	AS214	10-12	1	Semester	π
+AS 500 Aviation Ground School	AS501	11-12	2	Year	π
+ENR or HNR credit available with contract					

AS 100: A JOURNEY INTO AVIATION THROUGH WWI

CRS AS110 GRADE 10-12 CREDIT 1 S 1 BLOCK

This is an aviation history course focusing on the development of flight throughout the centuries. It starts with ancient civilizations, then progresses through time to airpower in WWI. The emphasis is on civilian and military contributions to aviation. Throughout the course, there are readings, videos, hands-on activities, and in-text and student workbook exercises to guide in the reinforcement of the materials. Leadership education, drill, and health and wellness are integral parts of the course.

AS 100: A JOURNEY INTO AVIATION WWII AND BEYOND

CRS AS111 GRADE 10-12 CREDIT 1 S 1 BLOCK

This aviation history course focuses on airpower during WWII and the transformation of the Air Force. Throughout the course, there are readings, videos, hands-on activities, and in-text and student workbook exercises to guide in the reinforcement of the materials. Leadership education, drill, and health and wellness are integral parts of the course.

AS 200: THE SCIENCE OF FLIGHT: PHYSICS OF FLIGHT (π) + + ENR or HNR credit available with contract

CRS AS210 GRADE 9-12 CREDIT 1 S 1 BLOCK

This is an introductory course that focuses on how airplanes fly, flight and the human body, and flight navigation. The course is designed to complement materials taught in math, physics, and other science-related courses and is aligned with the National Science Education Standards, the Math Standards and Expectations, and ISTE National Educational Technology Standards for Students. Leadership education, drill, and health and wellness are integral parts of the course. +ENR or HNRS credit available with contract.

AS 200: THE SCIENCE OF FLIGHT: UAS/DRONE (π) + ENR or HNR credit available with contract

CRS AS213 GRADE 10-12 CREDIT 1 S 1 BLOCK

This course follows the Physics of Flight course and prepares the student for the FAA Drone/UAS pilot written test and certification as a drone pilot. Content includes the flying environment and UAS/Drone operations with hands-on activities with state of the art equipment. The course is designed to complement materials taught in math, physics, and other science-related courses and is aligned with the National Science Education Standards, the Math Standards and Expectations, and ISTE National Educational Technology Standards for Students. Leadership education, drill, and health and wellness are integral parts of the course. **+ENR or HNRS credit available with contract.**

AS 500: AVIATION GROUND SCHOOL (π) +ENR or HNR credit available with contract

CRS AS500 GRADE 11-12 CREDIT 2 Y 1 BLOCK

PREREQUISITE: Approval by AFJROTC Senior Aerospace Science Instructor

This course is the foundation for students interested in careers in aviation and fulfills all of the Federal Aviation Administration (FAA) ground training requirements to take the private pilot knowledge test, satisfying the ground portion required to certify as a private pilot. The material covered is an advanced, more in-depth study of aerospace topics. Students will study aircraft systems, aerodynamics, meteorology, flight physiology, and aerial charts and navigation. Additionally, students will explore careers in the aviation industry. Students have the opportunity to take control of a Cessna 172 during an orientation flight originating out of Skyhaven Airport. Leadership education, drill, and health and wellness are integral parts of the course.

ARCHITECTURAL/MECHANICAL DRAFTING

Program Course Sequence - [Video](#) - [Website](#)

Year 1 - Architectural/Mechanical Engineering I (Full year, one BLOCK course)

Year 2 - Architectural/Mechanical Engineering II (Full year, one BLOCK course)

ARCHITECTURAL/MECHANICAL DRAFTING I ENR - (AutoCAD Drafting) (π)

CRS CTE130 GRADE: 11 CREDITS 2 (Full-year course, CTE Program)

ARCHITECTURAL/MECHANICAL DRAFTING I HNR - (AutoCAD Drafting) (π)

CRS CTE131 GRADE: 11 CREDITS 2 (Full-year course, CTE Program)

PREREQUISITE: Acceptance into the Architectural/Mechanical Engineering program.

During the first year students learn basic drafting techniques as they apply to industry. Hands on approach to computer aided drafting (CAD) are emphasized. Students will be able to utilize technology such as the 3-D Printer, Laser engraver, and CNC machinery to take ideas into real life objects. Students will explore all aspects of engineering including Mechanical, Architectural, Environmental, and others to understand how engineers can solve real world problems and better our society. Topics include: Safety, computer programming, STEM, drafting, physics, manufacturing skills. Students choosing to enroll in this course at the honors level will be required to complete more rigorous work and sign an honors contract. **Note: This course will fulfill the fine arts requirement for graduation**

ARCHITECTURAL/MECHANICAL DRAFTING II ENR (AutoCAD Drafting) (π)

CRS CTE132 GRADE: 12 CREDITS 2 (Full-year course, CTE Program)

ARCHITECTURAL/MECHANICAL DRAFTING II HNR (AutoCAD Drafting) (π)

CRS CTE133 GRADE: 12 CREDITS 2 (Full-year course, CTE Program)

PREREQUISITE: Successful completion of Architectural/Mechanical Engineering I

During the second year students expand upon their experience in CAD and specialize in a field of engineering (Mechanical, Architectural, Environmental, Aerospace, etc.) This course is designed to be very individualized to meet the student's interests within engineering. Students will continue to utilize technology such as the 3-D Printer, Laser engraver, and CNC machinery to take ideas into real life objects. Students will develop a website portfolio to showcase all of their engineering success and market themselves to compete in today's exciting, rewarding engineering field. Topics include: Safety, computer programming, STEM, drafting, physics, manufacturing skills. Students choosing to enroll in this course at the honors level will be required to complete more rigorous work and sign an honors contract. **Note: This course will fulfill the fine arts requirement for graduation. Note: This program has articulation agreements with Southern Maine Community College**

AUTOMOTIVE SERVICE TECHNOLOGY

Program Course Sequence - [Video](#) - [Website](#)

Year 1 – Automotive Service Technology I (One full-year course)

Year 2 – Automotive Service Technology II (One full-year course)

AUTOMOTIVE SERVICE TECHNOLOGY I ENR (π)

CRS CTE141 GRADE: 11 (GRADE 12 on space available basis) CREDITS 2 (Full-year course, CTE Program)

PREREQUISITE: Acceptance into the Automotive Service Technology program

The purpose of this course is to train future technicians in the fundamentals of automotive theory, maintenance, diagnosis and repair. During this course students will learn about tools, fasteners, engine design and theory, steering and suspension, brakes, electrical/electronics and engine performance. Students will have the opportunity to reinforce theory with hands-on experiences and by participating in live repairs. Students are permitted to work on personal vehicles on a limited basis and are eligible to join SkillsUSA and compete in several competitions. **NOTE: Clothes that can get dirty, long pants, and boots are required to be worn when in the lab setting.**

AUTOMOTIVE SERVICE TECHNOLOGY II ENR – Early College (π)

CRS CTE142 GRADE: 12 CREDITS 2 (Full-year course, CTE Program)

PREREQUISITE: Successful completion of Automotive Technology I, maintain a clean driving record

The purpose of this course is to train future technicians in the fundamentals of automotive theory, maintenance, diagnosis and repair. During this course students will learn more in-depth topics relating to the ASE areas of brakes, steering and suspension, electrical and electronics, and engine performance. Students will have the opportunity to reinforce theory with hands-on experiences and by participating in live repairs. Students are permitted to work on personal vehicles on a limited basis and are eligible to join SkillsUSA and compete in several competitions. **NOTE: Clothes that can get dirty, long pants, and boots are required to be worn when in the lab setting. Note: Students taking this course will have the option of earning Four college credits. There would be a fee associated with this option.**

BANKING AND FINANCIAL SERVICES PROGRAM

Program Course Sequence - [Video](#) - [Website](#)

Year 1 – Banking and Financial Services year-long

BANKING AND FINANCIAL SERVICES I ENR (π)

CRS CTE150 GRADE: 10-12 CREDITS 2 (Full-year course, CTE program)

BANKING AND FINANCIAL SERVICES I HNR (π)

CRS CTE151 GRADE: 10-12 CREDITS 2 (Full-year course, CTE program)

PREREQUISITE: Acceptance into the Banking and Financial Services program. Students are required to apply and complete an interview with the instructor. Students choosing to enroll in this course at the honors level will be required to complete more rigorous coursework and sign an honors contract. Minimum GPA of 2.25 is required.

In partnership with HRCU, students will be trained as professional tellers and receive hands-on learning at the Spaulding HRCU branch. The branch is open to students, faculty, and the public, providing students exposure to all aspects of banking. As a teller they will learn how to handle a variety of transactions, maintain and balance cash drawers, and utilize professionalism and customer service skills in a work environment. They will be introduced to many aspects of the banking and finance industry including personal finance, federal regulations and compliance, accounting, investments, insurances, lending, and marketing. There will be opportunities to job shadow a variety of roles at the HRCU Brock Street Branch, and additional opportunities for community service and financial education outreach may also occur. Students will have the potential to earn a paid HRCU internship, college credit, and a \$750.00 college scholarship. Professional attire will be required at branch locations. **Note: Students will be held to professional standards and required to adhere to HRCU's policies and procedures. Students taking this course will have the option of earning three college credits. There would be a fee associated with this option.**

BUSINESS PROGRAM

Program Course Sequence - [Video](#) - [Website](#) Students must complete courses in Year 1 to be accepted into Year 2 courses.

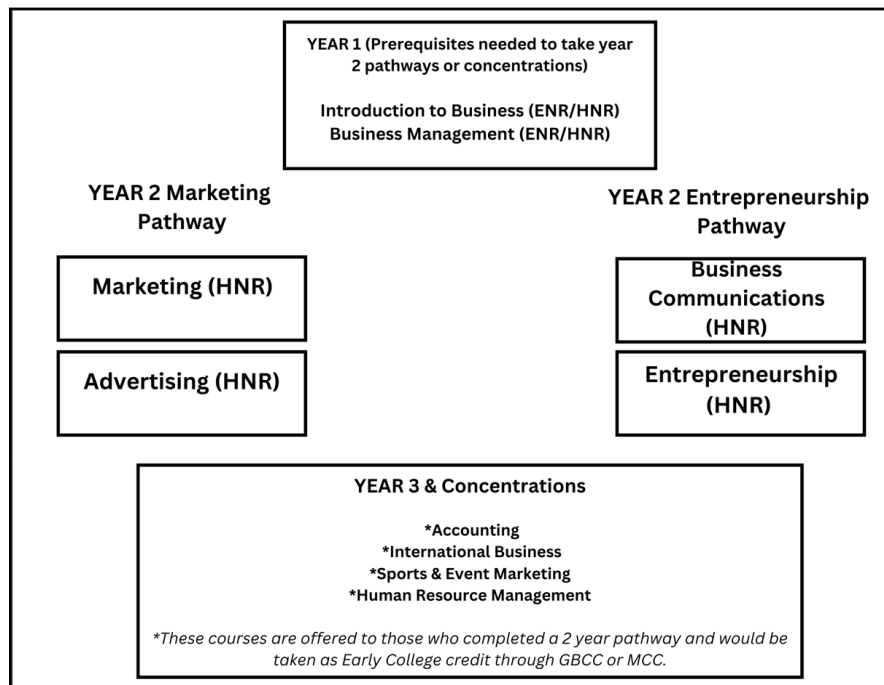
Year 1 - Introduction to Business & Business Management (Two semester-long courses)

Year 2 - Choose your pathway:

Marketing: Marketing & Advertising (Two semester-long courses)

Entrepreneurship: Business Communications & Entrepreneurship/Small Business Management (Two semester-long courses)

Year 3 - Choose an additional pathway, or Early College at Great Bay Community College or Manchester Community College, to take or an Extended Learning Opportunity



INTRODUCTION TO BUSINESS ENR (π)

CRS CTE160 GRADE 10 - 11 (12 if space available) CREDIT 1 (Fall Semester)

INTRODUCTION TO BUSINESS HNR - Early College (π)

CRS CTE161 GRADE 10 - 11 (12 if space available) CREDIT 1 (Fall Semester)

PREREQUISITE: Acceptance into the Business program.

This is an introductory course designed to provide students with a basic understanding of the structures and operations of business and an awareness of social and ethical responsibility as it relates to the environment, consumers, employees, and investors. An appreciation of the global economy will also be explored. Please note that this course is a prerequisite for International Business if you plan on taking that course for college credit, you must take this course for college credit first.

Students choosing to enroll in this course at the honors level will be required to complete more rigorous coursework. **Note: Students (including sophomores) taking this course at the HONORS LEVEL ONLY will have the option of earning three college credits. There could be a fee associated with this option.**

BUSINESS MANAGEMENT ENR (π)

CRS CTE162 GRADE 10 -11 (12 if space available) CREDIT 1 (Spring Semester)

BUSINESS MANAGEMENT HNR - Early College (π)

CRS CTE163 GRADE 10 -11 (12 if space available) CREDIT 1 (Spring Semester)

PREREQUISITE: Introduction to Business

Every business needs a manager. It doesn't matter if you are in an office or a construction site, someone is in charge. This course is designed to prepare students for the business world. In this course, students will develop and improve management techniques. They will also enhance their computer skills through practical business applications. They will work cooperatively on activities and team-building activities. Presentation and reviews will be a major part of the class. Students will complete simulations and learn how to succeed in a business environment. Students will also have the opportunity to join the Future Business Leaders of America (FBLA), where they can participate in community service and compete in business events. Students choosing to enroll in this course at the honors level will be required to complete more rigorous coursework. **Note: Students taking this course at the HONORS LEVEL ONLY will have the option of earning three college credits. There could be a fee associated with this option.**

ENTREPRENEURSHIP: SMALL BUSINESS MANAGEMENT HNR - Early College (π)

CRS CTE168 GRADE 11-12 CREDIT 1 (Spring Semester)

PREREQUISITE: To be eligible for college credits, you must have taken Business Management HNR for college credits prior to taking this course.

Most of the jobs created in recent years have been in the small business sector. Forecasts indicate that this trend will continue. This course will offer a unique opportunity to develop and promote your own product or business in a Shark Tank-like format. Students will benefit from developing an appreciation for and understanding of small business development in our economy. Students have the opportunity to become involved in the student organization, FBLA, which offers many opportunities for community service, leadership, travel and conferences. Students choosing to enroll in this course at the honors level will be required to complete more rigorous coursework. **Note: Students taking this course at the HONORS LEVEL ONLY will have the option of earning three college credits. There could be a fee associated with this option.**

ACCOUNTING I HNR – Early College (π)

CRS CTE171 GRADE: 11-12 CREDIT 1 (Spring Semester)

PREREQUISITE: Year 1 pathway completed or teacher permission required. This course is an introduction to accounting as the language of business and the purpose of accounting in business. Students will develop an understanding of the concepts and use of the classification of assets, liabilities, equity, revenue and expense accounts. The student will be introduced to accounting procedures necessary to prepare financial statements utilizing current concepts and accounting principles. This includes journalizing transactions, preparation of trial balance, accounting adjustments, closing journal entries, inventory, accounts receivable, accounts payable, special journals, payroll, cash receipts, disbursements, and banking procedures. **Note: Students taking this course will have the option of earning three college credits. There could be a fee associated with this option.**

BUSINESS COMMUNICATIONS HNR - Early College

CRS CTE164 GRADE 11 -12 CREDIT 1 (Fall Semester)

PREREQUISITE: To be eligible for college credits, you must have taken Introduction to Business, HNR for college credits prior to taking this course.

In the business world excellent professional communication will be key to your success. Upgrade your abilities in speaking, listening, writing, using and reading body language, and communicating in teams and groups. Discover how to plan, create, and deliver business presentations and communicate through graphics. Learn to communicate and present with confidence. **Note: Students taking this course will have the option of earning three college credits. There could be a fee associated with this option.**

INTERNATIONAL BUSINESS HNR - Early College (π)

CRS CTE169 GRADE 11 - 12 CREDIT 1 (Spring Semester)

PREREQUISITE: To be eligible for college credits, you must have taken Introduction to Business, HNR for college credits prior to taking this course.

Have you ever wondered about International Business and the role that it plays in your life? No matter where you look, social media, television, print, or on the radio, it is there. International Business is everywhere! The increasing globalization of the market place affects all who are involved with business or who must make business decisions. Understanding the impact of globalization that exists in today's ever-changing business landscape has become an essential part of doing business. Whether you work for a large company, or own your own small business, you will inevitably be impacted by global issues. This course provides an overview of the global environment, the national business environments, international trade and investment, the international financial system and international business management. Students choosing to enroll in this course at the honors level will be required to complete more rigorous coursework. **Note: Students taking this course will have the option of earning three college credits. There could be a fee associated with this option.**

MARKETING HNR - Early College (π)

CRS CTE166 GRADE 11 - 12 CREDIT 1 (Fall Semester)

PREREQUISITE: Year 1 pathway completed or teacher permission required.

Introduce yourself to the exciting work of marketing! The course presents an introduction and overview of marketing activities, and explains the role of marketing in American and international economic and social contexts. This course includes fun activities such as: Buying/ordering merchandise, selling, promoting and displaying merchandise, and operating our schools store, Our Store. This course is valuable for anyone considering a business career and/or business major in college or technical school. Students will learn by doing this in this course! The final product will be the development of a business and marketing plan for your own business venture. This satisfies the economics requirement for graduation. Students have the opportunity to become involved in the student organization, Future Business Leaders of America (FBLA), which offers many experiences for community service, leadership, travel and conferences. Students choosing to enroll in this course at the honors level will be required to complete more rigorous coursework. **Note: Students taking this course will have the option of earning three college credits. There could be a fee associated with this option.**

ADVERTISING HNR - Early College

CRS CTE170 GRADE 11 -12 CREDIT 1 (Spring Semester)

PREREQUISITE: Marketing

Great marketing strategies can be powerful. Every year companies spend approximately \$200 billion promoting their products and services – and that's just in the United States alone! Explore how marketing campaigns, ads, and commercials are brought to life and meet some of the creative folks who produce them. Learn about different marketing career opportunities and discover ways to be part of this exciting, fast-paced industry. **Note: Students taking this course will have the option of earning three college credits. There could be a fee associated.**

COMPUTER NETWORKING & TELECOMMUNICATIONS PROGRAM

Program Course Sequence - [Video](#) - [Website](#)

Year 1 - Computer Technology I (Full-year course)

Year 2 - Computer Technology II (Full-year course)

COMPUTER TECHNOLOGY I ENR (π)

CRS 080252 GRADE: 11 (GRADE 12 on space available basis) CREDITS 2 (Full-year course, CTE Program)

COMPUTER TECHNOLOGY I HNR (π)

CRS 080253 GRADE: 11 (GRADE 12 on space available basis) CREDITS 2 (Full-year course, CTE Program)

PREREQUISITE: Acceptance into the Computer Networking & Telecommunications program

Through hands-on activities, tests and laboratory exercises students will learn in depth about PC operating systems, PC maintenance, hardware configuration and installation. The material covered in this course will form a foundation of technical knowledge in troubleshooting hardware and software. In addition we will be exploring an introduction to networking. Students will also aid CIC in maintaining district computers and network. Students choosing to enroll in this course at the honors level will be required to complete more rigorous coursework and sign an honors contract. **Note: Students taking this course will have the option of earning three college credits. There could be a fee associated with this option.**

COMPUTER TECHNOLOGY II ENR- Early College (π)

CRS CTE180 GRADE: 12 CREDITS 2 (Full-year course, CTE Program)

COMPUTER TECHNOLOGY II HNR - Early College (π)

CRS CTE181 GRADE: 12 CREDITS 2 (Full-year course, CTE Program)

PREREQUISITE: Successful completion of Computer Technology I

Through hands-on activities, tests and laboratory exercises students will acquire a solid foundation in networking, network security, and basic network design. Students will maintain a peer-to-peer local area network within the lab. The LAN will provide students with experience in monitoring overall network operation, troubleshooting basic problems, and implementing administrative functions. Students will design and install a server based network in a virtual environment. Students will also aid CIC in maintaining district computers and network. Early College credits are available to all students. Students choosing to enroll in this course at the honors level will be required to complete more rigorous coursework and sign an honors contract. **Note: Students taking this course will have the option of earning three college credits. There could be a fee associated with this option.**

CRIMINAL JUSTICE & HOMELAND SECURITY PROGRAM

Program Course Sequence - [Video](#) - [Website](#)

Year 1 – Intro to Criminal Justice and Criminology (Two semester-long courses)

Year 2 – Criminal Law & Procedures and Juvenile Justice (Two semester-long courses)

INTRO TO CRIMINAL JUSTICE ENR

CRS CTE190 GRADE 11 (GRADE 12 on a space available basis) CREDITS 1

INTRO TO CRIMINAL JUSTICE HNR- Early College

CRS CTE191 GRADE 11 (Juniors only unless not filled) CREDITS 1 (fall semester course, CTE Program)

This course covers the components of the justice system in American society. Although civil law will be discussed, the emphasis will be on the criminal justice system. The influence and pressures of changing social, political, technological, and economic factors on the agencies of justice will be studied. Much of the focus will compare ideals with realities of the system. Law enforcement, the courts, and correctional aspects will be examined. Students choosing to enroll in this course at the honors level will be required to complete more rigorous coursework. **Note: Students taking this course at the HONORS LEVEL ONLY will have the option of earning three college credits. There could be a fee associated with this option.**

CRIMINOLOGY ENR

CRS CTE192 GRADE 11-12 CREDIT 1 (spring semester course, CTE Program)

CRIMINOLOGY HNR – Early College

CRS CTE193 GRADE: 11-12 CREDIT 1 (spring semester course, CTE Program)

PREREQUISITE: Intro to Criminal Justice

This course explores the question of crime causation from a number of theoretical perspectives in the social sciences. The nature and extent of crime in American society, theories of factors and influences that are related to criminal behavior, and the impact of crime on society. Students choosing to enroll in this course at the honors level will be required to complete more rigorous coursework. **Note: Students taking this course at the HONORS LEVEL ONLY will have the option of earning three college credits. There could be a fee associated with this option.**

CRIMINAL LAW & PROCEDURE ENR

CRS CTE194 GRADE: 11-12 CREDIT 1 (fall semester course, CTE Program)

CRIMINAL LAW & PROCEDURE HNR – Early College

CRS CTE195 GRADE: 11-12 CREDIT 1 (fall semester course, CTE Program)

PREREQUISITE: Intro to Criminal Justice

This course provides an in-depth review of substantive criminal law in the federal and state systems including analysis of the essential elements of all major crimes, the concepts of constitutional review and judicial scrutiny and the principles governing legal challenges to the constitutionality of laws. This course will also analyze the constitutional issues in the United States which have direct bearing on the role and policies of criminal justice agencies. Application of these issues as they relate to investigation, arrest, pre-trial and appeal will be emphasized. Students choosing to enroll in this course at the honors level will be required to complete more rigorous coursework. **Note: Students taking this course at the HONORS LEVEL ONLY will have the option of earning three college credits. There could be a fee associated with this option.**

JUVENILE JUSTICE ENR

CRS CTE196 GRADE: 11-12 CREDIT 1 (spring semester course, CTE Program)

JUVENILE JUSTICE HNR – Early College

CRS CTE197 GRADE: 11-12 CREDIT 1 (spring semester course, CTE Program)

PREREQUISITE: Intro to Criminal Justice

An examination of causative factors in the development of youthful offenders and the development and philosophy behind treatment and rehabilitative practices are covered. The course also covers legal, procedural, and substantive issues pertaining to the juvenile justice system. Students choosing to enroll in this course at the honors level will be required to complete more rigorous coursework. **Note: Students taking this course at the HONORS LEVEL ONLY will have the option of earning three college credits. There could be a fee associated with this option.**

ENVIRONMENTAL SCIENCE & SUSTAINABLE STUDIES PROGRAM

Environmental Science and Sustainability - [Video](#) - [Website](#)

Year 1- Environmental Science & Sustainability 1 and Environmental Science and Sustainability 2 (2 semester Long courses)

Year 2- Environmental Science and Sustainability 3 (year long course)

Program Description:

This program is designed for students interested in environmental issues, ecology, and sustainability. You will develop creative problem-solving skills needed to design and bring about solutions to environmental problems at local, regional, and global scales. Through community-based projects, you will gain practical experience and make a positive impact while you are still in high school. The topics covered will combine hands-on science with current environmental issues and prepare you for a variety of career paths. You will develop and apply your skills for experimental design, data analysis, and scientific writing. A significant amount of time will be spent outside (during all seasons) both on and off school grounds setting up study sites, collecting data, and learning about the natural systems of the community. Students will go on several local and regional field trips to visit relevant ecosystems and research facilities, as well as hear from several guest speakers who will share their work and research experience with you.

ENVIRONMENTAL SCIENCE AND SUSTAINABILITY - 1 ENR (π)

CRS CTE200 GRADE: 10-12 CREDIT 1 (Fall Semester course, CTE Program)

ENVIRONMENTAL SCIENCE AND SUSTAINABILITY - 1 HNR (π)

CRS CTE201 GRADE: 10-12 CREDIT 1 (Fall Semester course, CTE Program)

PREREQUISITE: Must be accepted into the Environmental Science and Sustainability program.

This course will focus on the biogeochemical cycles, climate change, environmental health and pollution, sustainability, and food production (hydroponics and aquaculture), as well as stream and watershed ecology. Class projects involving a study of the local forest, water quality of the Cocheco River watershed, as well as hydroponics and aquaculture will be conducted. Long-term projects may also be researched, proposed and started at this time. Students choosing to enroll in this course at the honors level will be required to complete more rigorous coursework. **Note: Students taking this course at the HONORS LEVEL ONLY may have the option of earning three college credits. There could be a fee associated with this option.**

ENVIRONMENTAL SCIENCE AND SUSTAINABILITY - 2 ENR (π)

CRS CTE202 GRADE: 10-12 CREDIT 1 (Spring Semester course, CTE Program)

ENVIRONMENTAL SCIENCE AND SUSTAINABILITY - 2 HNR (π)

CRS CTE203 GRADE: 10-12 CREDIT 1 (Spring Semester course, CTE Program)

PREREQUISITE: Must successfully complete Environmental Science and Sustainability 1 and be accepted to Year 2

This semester will focus on winter ecology, air quality, human population, biodiversity, marine ecosystems, natural resources and alternative energy sources. Spatial data will be collected, mapped and analyzed using ArcGIS software. Aquaculture and hydroponic systems will continue to be studied and the year-long projects will be completed and presented. Students choosing to enroll in this course at the honors level will be required to complete more rigorous coursework. **Note: Students taking this course at the HONORS LEVEL ONLY may have the option of earning three college credits. There could be a fee associated with this option.**

ENVIRONMENTAL SCIENCE AND SUSTAINABILITY 3 (year long) - ENR (π)

CRS CTE204 GRADE: 11-12 CREDIT 2 (Full-year course, CTE Program)

ENVIRONMENTAL SCIENCE AND SUSTAINABILITY 3 (year long) - HNR (π)

CRS CTE205 GRADE: 11-12 CREDIT 2 (Full-year course, CTE Program)

PREREQUISITE: Must complete Environmental Science and Sustainability 1 and be accepted to Year 3

This **year-long** course is intended for students who want to build upon their experience in Environmental Science 1 / 2 and who have demonstrated a high degree of motivation and the ability to work independently and in small groups. Students will apply the concepts from previous classes by researching, designing, and conducting their own extended project-based learning experience. These projects will, at least in part, address a local/regional environmental issue. Academically, students will go deeper into several topics and will also learn how to collect, map, and analyze spatial information using GPS and GIS computer software. Much of Year 3 will also be focused on learning how to use hydroponic and aquaculture systems to sustainably produce food. This course will help students explore environmental careers by allowing time for volunteer work, job shadowing, and internships with local organizations as well as field trips and guest speakers. Certifications in Wilderness First Aid, Occupational Safety and Health, and Small Water Systems Operator may also be available. Students choosing to enroll in this course at the honors level will be required to complete more rigorous coursework. **Note: Students taking this course at the HONORS LEVEL ONLY may have the option of earning three college credits. There could be a fee associated with this option.**

GRAPHIC DESIGN PROGRAM

Program Course Sequence - [Video](#) - [Website](#)

Year 1 – Graphic Design/Printing Technology I (One full-year course)

Year 2 – Graphic Design/Printing Technology II (One full-year course)

GRAPHIC DESIGN I ENR (π)

CRS CTE210 GRADE 11 (GRADE 12 on a space available basis) 2 CREDITS (Full-year course, CTE Program)

GRAPHIC DESIGN I HNR (π)

CRS CTE211 GRADE 11 (GRADE 12 on a space available basis) 2 CREDITS (Full-year course, CTE Program)

PREREQUISITE: Acceptance into the Graphic Design program.

Everywhere you look, you will see design in items that have been thoughtfully created to solve a problem. From the Snapchat logo to the style of your shoes, from the shape of your phone to the ads on social media, a conscious plan was made and executed to bring you these items. Learn to be an influencer by creatively putting your mark on the world. In this course, you will learn about the design process and how we build strong visual solutions. You will learn core tools of the trade including Adobe Photoshop, Illustrator and InDesign software, as well as sketching, using an x-acto blade and spray mounting. Favorite projects include designing logos, stickers, packaging, coloring books and posters. Design career path options are many, a few of note are graphic designer, product designer, illustrator, game designer, fashion designer, web designer, interior designer, and UX/UI designers. Students choosing to enroll in this course at the honors level will be required to complete more rigorous work and sign an honors contract. **Note: This course will fulfill the fine arts requirement for graduation.**

GRAPHIC DESIGN II ENR - Early College (π)

CRS CTE212 GRADE 12 CREDITS 2 (Full-year course, CTE Program)

GRAPHIC DESIGN II HNR - Early College (π)

CRS CTE213 GRADE 12 CREDITS 2 (Full-year course, CTE Program)

PREREQUISITE: Successful completion of Graphic Design/Printing Technology I

As you enter your second year in the Graphic Design Program, you will be exploring and completing more advanced projects. Design skills are built across your entire lifetime, but in this second stage, we will refine your understanding of standard work for designers. This course encourages more independent project management and advanced problem solving. You will work on advanced packaging, print projects and innovation to name a few. Some projects will be able to be individually focused on your special areas of interest, for example character animation, fashion design or interior design. You will have the opportunity to learn additional software such as Adobe Character Designer or Fusion 360. Students choosing to enroll in this course at the honors level will be required to complete more rigorous work and sign an honors contract **Note: Students taking this course will have the option of earning three college credits (same course as offered to Graphic Design I students.) There could be a fee associated with this option. Students may also complete additional work to complete an Adobe Certification in Photoshop. Note: Students taking this course will have the option of earning three college credits. There could be a fee associated with this option.**

HEALTH SCIENCE TECHNOLOGY PROGRAM

Program Course Sequence - [Video](#) - [Website](#)

Year 1 - Health Science Technology I (Full year course)

Year 2 - Health Science Technology II (Full year course)

HEALTH SCIENCE TECHNOLOGY I ENR (π)

CRS CTE220 GRADE 11 (GRADE 10 or 12 with permission) 2 CREDITS (Full year course, CTE Program)

HEALTH SCIENCE TECHNOLOGY I – HNR (π)

CRS CTE221 GRADE 11 (GRADE 10 or 12 if space available- HNR level must be approved by instructor) 2 CREDITS (Full year course, CTE Program)

PREREQUISITE: Interview with HST instructor, Passing GRADES in science and english classes, Recommend: biology

During the first year of this course, students are introduced to all aspects of the healthcare field. Students have the opportunity to earn their CPR & AED certification. Students study history & trends in healthcare, healthcare systems, medical terminology, ethical and legal aspects, safety and infection control, vital signs, anatomy and physiology, healthcare professions, professionalism, basic first aid. Students will learn skills in our lab during each unit. Students visit Frisbie Hospital to learn about healthcare professions and will have an opportunity to complete a job shadow. As part of professionalism and health careers competency students are required to shadow health care professionals in the field. Students taking this course will have the option of earning three college credits for Medical Terminology through Great Bay Community College. Upon successful completion of HST I, students will have the opportunity to apply for the HST II program to continue with their studies. **Students choosing to enroll in this course at the honors level will be required to complete more rigorous coursework.**

HEALTH SCIENCE TECHNOLOGY II ENR – Early College (π)

CRS CTE222 GRADE 12 (GRADE 11 if qualifications are met) CREDITS 2 (Full year course, CTE Program)

HEALTH SCIENCE TECHNOLOGY II HNR – Early College (π)

CRS CTE223 GRADE 12 (GRADE 11 if qualifications are met) CREDITS 2 (Full year course, CTE Program)

PREREQUISITE: Successful completion of Health Science Technology I with a B or better. Recommendation from program instructor and guidance. Year 2 focuses on teamwork and professionalism. Students learn and practice caregiving skills for real life application during quarter 3 and 4. Students will be required to recall and apply all information taught in HST 1. Students have the option to complete an ELO in the healthcare field (organized through our ELO coordinator) OR complete the Licensed Nursing Assistant Program (LNA). LNA consists of in class theory, hands-on skills in the lab and 70+ hours of hands on care at clinical through a local nursing home. LNA begins in quarter 2 and students can earn 5 Early College credits through Lakes Region Community College. **NOTE: There is a limited number of students accepted into HST 2 due to strict clinical guidelines. Clinical is held during C BLOCK and D BLOCK every other day during quarter 4 and students must have quarter 4 D BLOCK free or make prior arrangements with the instructor.**

DENTAL ASSISTING PATHWAY

YEAR 1 - Successful completion of Health Science 1, Medical Assisting 1; EMT 1; Sport Med 1.

YEAR 2 - Dental Assisting Pathway

DENTAL ASSISTING ENR

CRS: CTE224 GRADE 12 (GRADE 11 if qualifications are met) CREDITS 2 (Full year course, CTE Program)

PREREQUISITE: Successful completion of Health Science Technology I with a B or better.

This program is designed for students interested in pursuing a career in Dental Assisting, Dental Hygiene, or Dentistry. Offered to second-year Health Science students, the curriculum provides a strong foundation in dental science and the essential skills required for success in the dental field.

Students will study dental science and its relationship to dental anatomy and patient care, as well as dental radiography theory, dental materials, and related clinical procedures. The program includes a hands-on clinical rotation, which may be applied toward earning a CDA certification through the Dental Assisting National Board (DANB).

Students will also have the opportunity to earn key industry certifications, including the OSHA Dental Bloodborne Pathogens Standard.

HEATING, VENTILATION, AIR CONDITIONING, AND REFRIGERATION HVACR

Program Course Sequence- [Video](#) - [Website](#)

Year 1 – HVACR Technology I (One full-year course)

Year 2 – HVACR Technology II (One full-year course)

Program Description: HVAC program is designed to provide students with an understanding of theoretical information covering the sciences of matter, heat, fluids and pressure. Theory information also includes the components of a basic refrigeration system and how they operate to move heat from where it is not wanted to where it is desirable. Students successfully completing this program will be able to pursue a two year or a four year degree at a college or university. Students can obtain immediate employment in the heating, ventilation and air conditioning field, which include: residential and commercial heating, ventilation, and air conditioning apprenticeship in installation and service; refrigeration technician; sheet metal apprentice; sheet metal design; gas system technician; oil burner technician; heating, ventilation and air conditioning sales representative; wholesale supply representative; and, appliance repair technician.

HVACR TECHNOLOGY I ENR (π)

CRS CTE231 GRADE 11 (GRADE 12 on space available basis) CREDITS 2 (Full-year course, CTE Program)

PREREQUISITE: Successful completion of HVAC Exploratory and Acceptance into the HVACR Technology program.

The students will receive instruction in safety requirements and demonstrate sound safety practices. Students will demonstrate electrical fundamentals including electrical circuits, Ohm's law and meter use. Students will identify heating fuels (natural gas, propane and heating oil), and explain how they burn and how to safely control the burn. Laboratory skills practiced include servicing and testing heating equipment and basic electrical circuits including identifying electrical motors and system schematics. Students will demonstrate their ability to use code books and apply code requirements at apprentice entry level. Technology related reading, writing, vocabulary, mathematics, blueprint reading, and science are integrated throughout the curriculum.

HVACR TECHNOLOGY II ENR (π)

CRS CTE232 GRADE 12 CREDITS 2 (Full-year course, CTE Program)

PREREQUISITE: Successful completion of HVACR Technology I

Students continue to receive instruction in safety requirements and demonstrate sound safety practices. Students will demonstrate theoretical competency in HVAC/R electrical controls, refrigeration systems, such as air conditioning, and refrigeration, both domestic and commercial. The students will have an understanding of Environmental Protection Agency (EPA) certification requirements with refrigeration systems and the proper handling of refrigerants, including recovery, recycling and reclaiming are studied and practiced. Students will be able to calculate building heating and cooling loads. Laboratory skills practiced include servicing and testing refrigeration equipment and basic electrical circuits including reading and writing electrical schematics. Students will demonstrate the skills needed for installation of HVAC systems. Students will demonstrate the ability to complete a job application, resume, interview, and to perform entry level job readiness and trade skills. Technology related reading, writing, vocabulary, mathematics, blueprint reading and science are integrated throughout the curriculum.

PRECISION MACHINING PROGRAM

Program Course Sequence - [Video](#) - [Website](#)

Year 1 – Precision Machining I (One full-year course)

Year 2 – Precision Machining II (One full-year course)

PRECISION MACHINING I ENR (π)

CRS CTE241 GRADE 11 (GRADE 12 on space available basis) CREDITS 2 (Full-year course, CTE program)

PREREQUISITE: Acceptance into the Precision Machining Program

Students enrolled in the first year of this two-year program will demonstrate technical ability on machine tool equipment and hand tools related to the machine tool. Attention to detail, precise measurement and focus are highly recommended skills that will be developed and expanded through this course. Students will gain an understanding of the CNC machine tool's operation, metal working industry and requirements expected from a production machinist. Students will develop knowledge and understanding of CNC machine tool operation and G-Code and M-Code terminology. Students will learn advanced machining competencies requiring lab hands on participation to meet and complete lab assigned projects. Student safety is held at the highest level of priority.

PRECISION MACHINING II ENR– Early College (π)

CRS CTE242 GRADE 12 CREDITS 2 (Full-year course, CTE Program)

PREREQUISITE: Successful completion of Precision Machining I.

Students continuing their enrollment in this two year program will gain an understanding of industry standard CNC machine tool's operation, and an understanding of G-Code and M-Code terminology and application. Students will understand the metal working industry and requirements expected from a production machinist. Students will meet advanced machining competencies requiring shop hands on participation consisting of real time machining on a production level for both manual and CNC machining. Following all safety procedures will be continually enforced. Students will demonstrate personal growth / student professionalism through applied knowledge and skills.. **Note: Students taking this course will have the option of earning college credits. There could be a fee associated with this option.**

RESTAURANT MANAGEMENT PROGRAM

Program Course Sequence - [Video](#) - [Website](#)

Year 1 – Restaurant Management I (One full-year course)

Year 2 – Restaurant Management II (One full-year course)

RESTAURANT MANAGEMENT I ENR – (π)

CRS CTE251 GRADE: 11 (GRADE 10 on a space available basis) CREDITS 2 (Full year course, CTE Program)

PREREQUISITE: Acceptance into the Restaurant Management program.

This course offers students the chance to work in a restaurant atmosphere while learning the different tasks of various professionals in the food and restaurant industry. Students will learn about safety and sanitation, professional cooking, the duties and responsibilities of the chef, prep cook, baker, host, server, and manager, as well as industry job seeking and keeping skills. Students will be responsible for the successful management of the Our House Cafe. Careers related to food service will be presented from a management perspective.

RESTAURANT MANAGEMENT II ENR – Early College (π)

CRS CTE252 GRADE: 12 (GRADE 11 on a space available basis) CREDITS 2 (Full year course, CTE Program)

PREREQUISITE: Successful completion of Restaurant Management I

This course continues students' experience to work in a restaurant atmosphere while learning the different tasks of various professionals in the food and restaurant industry. Students will learn about safety and sanitation, professional cooking, the duties and responsibilities of the chef, prep cook, baker, host, server, and manager, as well as industry job seeking and keeping skills. Students will be responsible for the successful management of the Our House Cafe. Careers related to food service will be presented from a management perspective. This program has articulation agreements with Lakes Region Community College, and White Mountain Community College. **Note: Students taking this course will have the option of earning six college credits. There could be a fee associated with this option.**

TEACHER OF MULTIPLE LEVELS

Program Course Sequence - [Video](#) - [Website](#)

Year 1 – Foundations of Education I (One full-year course)

Year 2 – Foundations of Education II (One full-year course)

Foundations of Education I ENR

CRS CTE260 GRADE: 10-11 (GRADE 12 on space available basis) CREDITS 2 (full-year course, CTE Program)

Foundations of Education I HNR –Early College

CRS CTE261 GRADE: 10-11 (GRADE 12 on space available basis) CREDITS 2 (full-year course, CTE Program)

PREREQUISITE: Acceptance into the Foundations of Education program

This course is designed for students interested in pursuing a career in education or other field associated with working with children. Foundation of Education 1 introduces students to basic teaching skills, such as classroom management, lesson planning, guidance and discipline techniques. Students divide their time between classroom instruction and student-teaching in the laboratory school, Small Wonders preschool. Classroom instruction includes lectures, notes, handouts, projects, hands-on activities, and unit tests. Foundation of Education units include: Differentiated Instruction, Instructional Practices, Curriculum Planning, Classroom Management, Educational Psychology, and Growth and Development. As part of Foundations of Education you will be part of a leadership organization, Educators Rising, which offers many opportunities for community service, leadership, trips and conferences. There is a course fee to take this program; this fee covers membership dues (scholarship available upon request). For those furthering their education, articulation credits are available with Great Bay Community College. Students choosing to enroll in this course at the honors level will be required to complete more rigorous coursework and sign an honors contract. **Note: Students taking this course at the HONORS LEVEL ONLY will have the option of earning three college credits. There could be a fee associated with this option.**

Foundations of Education II ENR

CRS CTE262 GRADE: 11-12 CREDITS 2 (full-year course, CTE Program)

Foundations of Education II HNR– Early College

CRS CTE263 GRADE: 11-12 CREDITS 2 (full-year course, CTE Program)

PREREQUISITE: Successful completion of Foundations of Education I and recommendation from program instructor.

Students entering Foundation of Education 2 are expected to have mastered or be proficient in the basic teaching skills learned in Foundation of Education 1. Students divide their time between classroom instructions and participation in internships. Classroom instruction includes lectures, notes, handouts, projects, hands-on activities, and unit tests. Foundation of Education 2 units include: Curriculum Planning using Understanding by Design, Special Education, Advanced Instructional Practices, and Observation Skills. At the conclusion of Foundation of Education 2, students will create a professional portfolio to demonstrate the competencies they have achieved. As part of Foundations of Education 2 you will be part of a leadership organization, Educators Rising, which offers many opportunities for community service, leadership, trips and conferences. There is a course fee to take this program; this fee covers membership dues and course shirt (scholarship available upon request). For those furthering their education, articulation credits are available with Great Bay Community College. Students choosing to enroll in this course at the honors level will be required to complete more rigorous coursework and sign an honors contract. **Note: Students taking this course at the HONORS LEVEL ONLY will have the option of earning three college credits. There could be a fee associated with this option.**

VIDEO & PHOTOGRAPHIC ARTS

Program Course Sequence - [Video](#) - [Website](#)

Year 1 – Digital Photography & Video Production Technology I (One full-year course)

Year 2 – Digital Photography & Video Production Technology II (One full-year course)

DIGITAL PHOTOGRAPHY & VIDEO PRODUCTION TECHNOLOGY I ENR (π)

CRS CTE270 GRADE 10-11 CREDITS 2 (full-year course, CTE Program)

DIGITAL PHOTOGRAPHY & VIDEO PRODUCTION TECHNOLOGY I HNR (π)

CRS CTE271 GRADE 10-11 CREDITS 2 (full-year course, CTE Program)

PREREQUISITE: Acceptance into the Video & Photographic Arts program and successful completion of Introduction to Photography and Video.

During the first year students will be introduced to the Photography and Video field. It is a hands on/project based class. Students will complete a series of activities, utilizing the basic techniques necessary for the production of photographs and videos. Topics to be covered are treatment development, storyboarding, scripting, proper camera technique, composition, lighting and editing. Class time will focus on working with a variety of photographic and video equipment. Classes will run very independently and the goal is to provide each student with the opportunity to learn at his/her own pace and in his/her own style. Students, who choose this course, will be responsible for creating digital print artwork, slide presentations and motion graphics. Students will develop their own style in photography and video while building a portfolio of images and short videos demonstrating what they are learning and how their style is evolving. Students are required to obtain and keep an SD memory card of 2GB capacity or larger. Students choosing to enroll in this course at the honors level will be required to complete more rigorous work and sign an honors contract. Note: This class will count toward the fine arts graduation requirement.

DIGITAL PHOTOGRAPHY & VIDEO PRODUCTION TECHNOLOGY II ENR (π)

CRS CTE272 GRADE: 11 -12 CREDITS 2 (Full-year course, CTE Program)

DIGITAL PHOTOGRAPHY & VIDEO PRODUCTION TECHNOLOGY II - HNR (π)

CRS CTE273 GRADE: 11 -12 CREDITS 2 (Full-year course, CTE Program)

PREREQUISITE: Successful completion of Digital Photography & Video Production.

Students in the second year will be immersing themselves into various fields of photography and video. Students will be involved in more complex projects using advanced lighting, editing technique, macro, time lapse, multi camera shoots are just some of the areas to explore. Focus on visual workflow, exploring what they see and how best to record it. Emphasis will be on composition and telling a story with their images. Students will be working on individual self-designed projects and gallery exhibits while building a complete portfolio of their work. Students choosing to enroll in this course at the honors level will be required to complete more rigorous work and sign an honors contract. **Note: This is a Early College course and students are eligible to receive college credit. There could be a fee associated with this option.**

REGIONAL CAREER & TECHNICAL EDUCATION PROGRAMS

ANIMAL SCIENCE PROGRAM - DOVER

Animal Science Program Course Sequence options

Animal Science Program/Concentration in Veterinary Technician

Year 1 – Animal Science I

Year 2 – Animal Science II - Companion Animal Science OR Large Animal Science

Year 3 – Animal Science III – Honors Veterinary Science OR Companion Animal Science OR Large Animal Science OR Work -Based Learning

AUTOMOTIVE COLLISION TECHNOLOGY PROGRAM – DOVER

Automotive Collision Technology Program Course Sequence

Year 1 – Automotive Collision Technology I

Year 2 – Automotive Collision Technology II

Year 3 - Optional Work-Based Learning

BIOMEDICAL SCIENCE (PLTW) - DOVER

Biotechnology Program Course Sequence

Year 1 – Honors Biomedical Science I

Year 2 – Honors Biomedical Science II

Year 3 – Optional Work-Based Learning OR EMT II OR EMR/WFR II OR Health Science I

BROADCAST TECHNOLOGY PROGRAM - SOMERSWORTH

Broadcast Technology Program Course Sequence

Year 1 – Broadcast Technology I (One full-year course)

Year 2 – Broadcast Technology II (One full-year course)

Potential Embedded College Credits: 6 credits, Northern Vermont University

Potential Industry Recognized Certifications: Adobe Certified Associate Certification

Potential Costs: all program costs are supported by grant funding, students will be made aware of any changes prior to beginning the program.

BUILDING TRADES PROGRAM - SOMERSWORTH

Building Trades Program Course Sequence

Year 1 - Building Trades I (Full year, CTE Program)

Year 2 - Building Trades II (Full year, CTE Program)

Potential Embedded College Credits: various credits from New England Institute of Technology, additionally completion of the program fulfills the first year of the Carpenters Union Apprenticeship Program

Potential Industry Recognized Certifications: OSHA

Potential Costs: all program costs are supported by grant funding, students will be made aware of any changes prior to beginning the program.

CULINARY ARTS PROGRAM - SOMERSWORTH

Culinary Arts Program Course Sequence

Culinary Arts, Blue Year (Full year, CTE Program)

Culinary Arts, White Year (Full year, CTE Program)

Each student must successfully pass each year – White & Blue

Potential Embedded College Credits: 6 credits - Central Maine CC OR Lakes Region Community College

Potential Industry Recognized Certifications: ServeSafe Handler & ServeSafe Manager

Potential Costs: all program costs are supported by grant funding, students will be made aware of any changes prior to beginning the program. See below for additional information.

COSMETOLOGY PROGRAM – DOVER

Cosmetology Program Course Sequence

Year 1 – Cosmetology I

Year 2 – Cosmetology II

Year 3 – Cosmetology III

ELECTRICAL TECHNOLOGY PROGRAM – DOVER

Electrical Technology Program Course Sequence

Year 1 - Electrical Technology and Renewable Energy Systems I

Year 2 – Electrical Technology and Renewable Energy Systems II

Year 3 - Electrical Technology - Solar Technology or Work Based Learning

MEDICAL ASSISTING PROGRAM - SOMERSWORTH

Medical Assisting Program Course Sequence

Year 1 – Medical Assisting I (Full year, CTE Program)

Year 2 - Medical Assisting II (Full year, CTE Program)

Potential Embedded College Credit: 3 Credits - Southern Maine Community College

Potential Embedded Certifications: Phlebotomy & Medical Assistant CCMA (see below for more details).

Potential Costs: see potential costs embedded in the descriptions below, almost all costs are planned to be covered by grant funding, students will be made aware of any costs at the beginning of the program.

***Medical Assisting I & II:**

YEAR 1: MA 1 Students will have the opportunity to work towards their Phlebotomy Certification. This will require the following:

- Completing 40 live sticks at a Work Based Learning Site (hospital or other lab location – see BOX below)
- Passing of Phlebotomy Certification Test offered within CTE Program (National Healthcareer Association Student Cost \$125).
- Must occur within 12 months of graduation date

YEAR 2: Over the course of MA 1 & 2, students will have the opportunity to study and practice the material needed to sit for the CCMA Medical Assisting Certification. This will require the following:

- Meeting School Attendance Requirements in order to meet clinical standards, and may require time at a Work Based Learning site.
- Passing of the CCMA Certification Test offered within the CTE Program (National Healthcareer Association - Student Cost \$165).
- Must occur within 12 months of graduation date

Please Note: some of our learning sites require background tests and drug screening, this may have additional costs.

NAVAL SCIENCE /NJROTC (Navy Junior Reserve Officers Training Corps) Program - DOVER

NJROTC Program Course Sequence

Year 1 - Naval Science III

Year 2 - Naval Science IV

NOTE: To complete three years of Naval Science and enter the Army or Navy an E-3, cadets can also take the following semester-based courses any time during their high school career: Introduction to Naval Science I – Leadership & Introduction to Naval Science II – Core Values

SEACOAST FIREFIGHTING & EMS ACADEMY - DOVER

Seacoast Firefighting & EMS Academy Course Sequence

Year 1 – Firefighter Academy I (2 Blocks in the Fall semester)

Year 2 – EMT II or EMR/WFR II

(Note: This course can also be taken to complete the Health Science Technology program – Track 2 option)

SPORTS MEDICINE - DOVER

Sports Medicine Program Course Sequence

Year 1 – Sports Medicine I

Year 2 – Sports Medicine II

Year 3 - EMT or EMR/WFR II or Optional Work Based Learning

THEATRE DESIGN & TECHNOLOGY - SOMERSWORTH

Theater Design and Technology Program Course Sequence

Year 1 – Theater Design and Technology I (Full year, CTE Program)

Year 2 – Theater Design and Technology II (Full year, CTE Program)

Potential Industry Recognized Certifications: introduction to stagecraft college credit pending

Potential Costs: all program costs are supported by grant funding, students will be made aware of any changes prior to beginning the program.

WELDING TECHNOLOGY – DOVER

Welding Technology Program Course Sequence

Year 1 – Welding I

Year 2 – Welding II

Year 3 - Optional Work-Based Learning