

Program of Studies 2022-2023



Colebrook Schools

Home of the
Mohawks

North Point

CTE

Colebrook, NH

Colebrook Academy & Elementary School
27 Dumont Street, Colebrook, New Hampshire 03576
(603) 237-4801 www.csd.sau7.org

School Administrative Unit #7 Colebrook Academy & Elementary School

Dr. Debra Taylor, Superintendent	Kimberly Wheelock, Principal
Bridget Cross, Business Administrator	Ron Patterson, Assistant Principal
Jennifer Noyes, Special Services Director	Dr. Tia Cloutier, College, Career & Technical Director
Shane Cloutier, Technology Director	Amy Caron, Pre—6 Counselor
Jen Mathieu, Curriculum Director	Valerie Rella, SEL Interventionist

Our Core Values

At Colebrook Academy and Elementary School, we are committed to supporting the learning and behavior needs for all students through Mohawk Pride.

Positivity - Developing the ability to encourage others, ask for help, and be welcoming and inclusive to others.

Respect - Listening and respecting others' abilities, and being polite, patient, and illustrating good manners.

Integrity - Demonstrating high levels of honesty, appropriate behavior, and standing up for others.

Dedication - Inspiring the ability to participate actively, complete work on time, and share responsibility.

Excellence - Modeling positive behaviors, being a leader, and being open to trying new things.



About Us

Colebrook Academy and Elementary School is located in Colebrook, New Hampshire. It services students in grades Pre-k through 12 from the surrounding communities. Our campus sits on several acres in town with conveniently located athletic fields against a beautiful view of Mt. Monadnock.

Colebrook offers a challenging curriculum designed to meet all the needs of its diverse student population. Course offerings include college and career preparatory levels as well as a selection of Project Running Start, Advanced Placement, dual-enrollment college courses, and school to work opportunities. A variety of elective offerings include art, business technology, film and culture, music, vocational studies, and wellness. New this year, Colebrook will be offering a variety of courses for students who would like to specialize in a specific area of study through its North Point CTE center which includes Automotive, Health Sciences, Education, Information Technology, and Hospitality & Culinary. In addition, and separate from the North Point CTE, we have a pathway to Criminal Justice.

In addition to academics, a variety of co-curricular programs and activities are available for students. For more information see our website www.csd.sau7.org or follow us on Facebook.

Contents

Our Core Values	2
About Us	3
Introduction Message from Counselor.....	11
STATEMENT OF NONDISCRIMINATION.....	12
Family Educational Rights and Privacy Act of 1974 (FERPA)	12
Complaints and Grievances	12
Title IX / Section 504.....	13
SCHOOL COUNSELING	13
STUDENT SERVICES PROGRAMS	14
School Counseling Department	14
Special Education.....	14
Section 504 Rehabilitation Act of 1973	15
Student Assistance Program.....	15
Health Services	15
Student Services Team for the 2022-2023 School Year: (Subject to change)	15
PROGRAM OF STUDIES OVERVIEW	15
Class Listings	16
North Point CTE	18
Automotive CTE.....	19
Health Sciences CTE	22
Education CTE.....	24
Information Technology	26
Hospitality / Culinary.....	27
GRADUATION REQUIREMENTS	28
New Hampshire Scholars Program	30
Community Service Requirement	31
Diploma Types.....	31
Certificate of Attendance and Certification of Completion	31
Certificate of Attendance	32
Certificate of Completion.....	32
CAES Diploma	33
State of N.H. Minimum Diploma (20 Credits).....	34
GRADING	35
Grading System.....	36
Incomplete Grades	36
Grade Point Average (G.P.A) / Class Rank	36
Weight of Grades.....	38
Class Rank	38
Honor Roll	38

Credit Recovery	38
Promotion Policy	39
OPPORTUNITIES TO EARN OUTSIDE CREDIT	40
Advanced Placement.....	41
Running Start Program	41
Profile of an Effective Online Student	42
Virtual Learning Academy Charter School (VLACS)	43
Dual Enroll / Estart / Early College	44
Extended Learning Opportunities (E.L.O).....	45
School to Work	45
GRADUATION CEREMONY	46
Valedictorian and Salutatorian Recognition	46
Participation in the Graduation Ceremony.....	46
Early Graduation.....	46
TRANSFER INFORMATION	47
Transfer Students and State Requirements.....	48
Transfer Credit.....	48
C.T.E. Credit.....	49
Registration requirements for Transfer Students	49
Residency.....	49
HOMESCHOOLING.....	50
Grade Placement	50
Transfer Credits	51
Graduation Requirements	51
SPORTS AND CLUBS	51
New Hampshire Interscholastic Athletic Association.....	51
Clubs and Activities	52
Sports	52
CAES JUNIOR HIGH	53
National Junior Honor Society.....	53
Middle School Exploratory Classes	54
Honor Roll Qualifications.....	54
COLLEGES AND FINANCIAL AID OPTIONS	55
Post-Secondary Education	55
Post-Secondary Institutions Attended	56
Admissions Requirements.....	57
What Are Colleges Looking For?	58
Steps Towards College	59
Choosing the Right School for You	62

Factors to Consider When Choosing a School.....	63
Campus Visit.....	64
Understanding Financial Aid	66
TESTING AND CAREER PLANNING	69
Standardized Testing Programs	69
Armed Services Vocational Aptitude Battery (ASVAB).....	70
N.H Statewide Assessment System (SAS).....	70
Star Testing	70
Preliminary Scholastic Aptitude Test / National Merit Scholarship Qualifying Test (PSAT / NMSQT)	70
Scholastic Aptitude Test (SAT)	71
SAT School Day Test	71
SAT Fee-Waiver Service	72
Score Reporting	72
Advanced Placement (AP)	72
American College Testing (ACT).....	72
A.C.T VS. S.A.T: KEY DIFFERENCES	73
CAREER PLANNING	74
COLLEGE OR OTHER OPTIONS?	75
GOING INTO THE ARMED SERVICES	76
GOING TO SCHOOL PART TIME.....	77
GOING TO WORK AFTER HIGH SCHOOL.....	77
Scheduling & Course Load	78
Career Pathways.....	78
Standard Track.....	84
Automotive Track	85
Education Track.....	86
Health Sciences Track.....	87
Hospitality and Culinary Track.....	88
Information Technology Track	89
NORTH POINT CTE	90
Criminal Justice Certificate Program	91
COURSE DESCRIPTIONS.....	92
Business	93
RS Accounting.....	93
RS Business Law	93
Information & Communication Technology *.....	93
Introduction to Business	94
Marketing.....	94
Personal Finance *	94

Business Mathematics.....	94
Small Business Management	95
Work Place Skills.....	95
21 st Century Business.....	95
CA Investment Fund.....	95
CAREER READINESS	96
SENIOR SEMINAR	96
FRESHMAN FOCUS	96
English	97
British Literature*.....	97
American Literature*	97
Survey of Literature*	98
Introduction to Literature*	98
Film as Literature	98
Mythology.....	98
RS Creative Writing.....	99
Journalism.....	99
Popular Culture	99
Science Fiction and Fantasy.....	99
Shakespeare	100
Writing Workshop	100
Public Speaking	100
Research Skills.....	100
Media Literacy.....	101
RS College Composition.....	101
RS Survey of American Literature.....	101
Education I & II	101
Fine Arts	102
Studio Art.....	102
Draw and Paint.....	102
RS Introduction to drawing.....	103
RS Drawing with Color	103
Chorus.....	103
Concert Band	103
AP Studio Art.....	104
Advanced Studio Art.....	104
3D Sculpture	104
Crafts.....	104
General Music	105
Media Arts / Animation	105

Music Theory, History & Composition	105
Piano Study	105
Vocal Study.....	105
Guitar Study	106
Mathematics	107
Pre - Algebra	107
Math Skills I & II	107
Alternative Algebra I	107
Algebra I*	108
Geometry	108
Algebra II	108
Pre-Calculus	108
Math In Art	108
Career Mathematics	109
RS Quantitative Reasoning	109
RS Pre-Calculus	109
RS Calculus.....	109
RS Statistics	110
History of Math.....	110
Science	111
Physical Science*	111
Forensics	111
Biology*	111
Marine Science	112
Animal & Wildlife Science.....	112
Earth Science	112
Ecology	113
Paleontology	113
Astronomy	113
RS Physics	114
RS Chemistry	114
RS Human Biology	114
RS Medical Terminology.....	114
RS Biology.....	115
Social Studies.....	115
Ancient and Medieval	115
Economics*	115
Geography*	116
Civics*	116
US History*	116

NH History*	116
World History*	117
Holocaust	117
RS Legal and Ethical Issues	117
Introduction to Psychology	117
20th Century History - Film	117
Current Events	118
Sociology	118
RS America in the 20 th Century	118
World Religions	118
Political Science	119
RS Abnormal Psychology	119
RS Human Growth & Development	119
RS Psychology	119
RS Sociology	119
Intro to Criminal Justice	120
Criminology	120
Technology & Stem	121
Automotive I & II	121
Intro to Computer Science	121
Intro to Technology	121
Planning and Design / CAD I	122
CAD II / CAM	122
Advanced Placement Computer Science	122
Web Design	122
Game Design	122
Small Gas Engines	123
Woodworking I & II	123
Robotics	123
RS PC OS Security and Cloud Fundamentals	123
RS PC/Mobile Hardware and Networking	124
RS Programming Essentials in Python	124
RS Database Design and Management	124
Power Sports	124
Intro to Diesel Mechanics	125
Intro to Plumbing / Electrical	125
Plumbing / Electrical	125
Welding & Metals I & II	125
Repairs and Tool Safety	125
Advanced Repairs	125

Intro to Autobody.....	126
Autobody Fabrication	126
Carpentry Fundamentals	126
Carpentry Framing & Finishing	126
HVAC I & II	126
Wellness.....	127
Health*	127
Physical Education*	127
EPE - Lifetime Fitness	128
Nutrition.....	128
Intro to Coaching	128
Weight Training	128
World Language.....	129
Spanish I	129
Spanish II	129
Spanish III.....	130
Spanish IV / RS Spanish	130
Cultural Film Studies	130
Other Opportunities	131
LNA Program	131
School to Work	131

Introduction Message from Counselor

Colebrook Academy & Elementary School

27 Dumont Street

Colebrook, New Hampshire 03576

(603) 237-4801

School Website: www.csd.sau7.org

Dear Students & Families:

The Program of Studies (POS) has been prepared to assist in the important process of selecting courses. Please keep in mind both short-term goals and long-range plans as you select courses for next year. Whether you plan to go on to college, onto technical education, into the Armed Services, or directly into the world of work, the courses you select will have a major impact upon your ability to meet the goals you have set for yourself. It is helpful to construct a four-year plan to guide your decisions. In addition to describing classes, the POS provides information about graduation requirements, credits, grades, course levels, weighted grades, career guidance, dual enrollment, and other special programs.

Take advantage of the human resources available in order to identify the best possible school program. **First and foremost, it is critical that you discuss the available options with your families.** Your current teachers will make recommendations for the level of content courses they believe would be the best match for your ability and demonstrated performance. Your school counselor, administrators, special education case managers and upperclassmen who you know can also be valuable. **Do not plan your program in isolation!** There are many ways to complete the graduation requirements. **I urge you to take this process of course selection very seriously.**

The Regional High School Collaborative between our school, Canaan Schools, and Pittsburg Schools will continue. Colebrook Students will be scheduled for all core academics and elective classes offered in Colebrook prior to collaborative scheduling. Students then have an opportunity to take supplemental classes at Canaan and Pittsburg which may not be offered in Colebrook. The POS from both of these schools is uploaded on the school's website under CA Guidance of the school's website. Only Juniors and Seniors will be able to attend Canaan Career Center for Career and Technical Education programs.

PLEASE NOTE: All individual student/family requests may not be met. I will do the best I can to meet requests, but it is possible that some course titles will not be taught, offered when you can take them, or course enrollment numbers may be capped.

I hope you find the Program of Studies easy to use. **Please use the Four-Year Plan Worksheet (located on the last page) to plan out the courses you will take in your four years of high school.** If you have any questions, please contact me at 237-4801 X1105 or tia.cloutier@csd.sau7.org

Tia Cloutier, PhD

Principal
Kim Wheelock

Assistant Principal
Ron Patterson

Counselor 7-12
Tia Cloutier

Counselor PreK-6
Amy Caron

STATEMENT OF NONDISCRIMINATION

It is the policy of Colebrook Academy & Elementary School not to discriminate in educational programs, activities, or employment practices on the basis of race, language, sex, age, or handicapping conditions, under the provisions of Title IX of the 1972 Educational Amendments; Section 504 of the Rehabilitation Act of 1973; and the Education of All Handicapped Children Act of 1975.

If you have a complaint or grievance, contact Tori Smart, Administrative Assistant, SAU #7 Office, 21 Academy Street, Colebrook, New Hampshire 03576. (Tel. 603-237-5571 Ext. 10)

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, Boston, Massachusetts.

Family Educational Rights and Privacy Act of 1974 (FERPA)

The Federal Family Education Rights and Privacy Act of 1974 (20 USCS §1232g) and regulations adopted by the U.S. Department of Health, Education and Welfare (45 CFR §99.67) grant parents of students, along with *eligible students* (those who have attained 18 years of age or who are attending institutions of postsecondary education), certain rights relative to records maintained by the Colebrook School District. These rights include the following:

1. Parents may inspect and review the education records of their children, and eligible students may inspect and review their own education records.
2. A parent, or an eligible student, may request that the student's education records be amended and may request a hearing if the records are inaccurate, misleading, or invade the privacy or other rights of the student.
3. The statute and regulations forbid the disclosure of personally identifiable education records without prior written consent from the parent or eligible student, except in certain specific situations.
4. In order to implement the statute and regulations, the Colebrook School District has adopted a written policy, which is available to parents and eligible students upon request.
5. One of the situations where information regarding a student may be released without prior consent is when the data consists of *directory information*, which includes a student's name, address, date of birth, place of birth, attendance record, academic achievement, and parents' names and addresses. A parent of a student, or an eligible student, may request that any or all of these categories of information not be designated directory information with respect to that student. Such requests shall be written, dated, and addressed to the Superintendent of Schools, Colebrook School District, 21 Academy St, Colebrook, New Hampshire 03576.

All requests, except those received in September, shall remain effective until the first day of October of the following year. The federal statute and regulations are enforced by the Family Educational Rights and Privacy Act Office, Department of Health, Education and Welfare, 330 Independence Avenue SW, Washington, DC 20201. This office is empowered to investigate timely written complaints.

Complaints and Grievances

School staff strives to work with families and students to ensure that all students receive a quality education. If you have an issue of concern with a staff member, try to resolve it with him or her first; in most instances he or

she will be able to resolve the situation immediately. If you are dissatisfied with the response, you may contact the Principal directly. Concerns about the Principal's actions can be brought to the Superintendent and then to the School Board.

Title IX / Section 504

It is the policy of Colebrook Academy and Elementary School not to discriminate in educational programs, activities, or employment practices on the basis of race, language, sex, age, or handicapping conditions, under the provisions of Title IX of the 1972 Educational Amendments; Section 504 of the Rehabilitation Act of 1973; and the Education of All Handicapped Children Act of 1975.

SCHOOL COUNSELING

The CAES School Counseling program is an essential part of the educational process for students. This program is designed to meet students' needs by helping them define and meet expectations in all facets of their lives – academic, social, emotional, and career and post-secondary planning.

Student Counseling activities are conducted on a regular and planned basis with the goal of providing students with experiences to help them grow and to reach their full potential. Counselors provide direct services to students, as well as working with parents, school staff, and members of the community. Unless otherwise instructed in writing by a parent or guardian, services provided through the School Counseling Office will be provided to all students through self-referral, staff referral, and/or parent referral.

All information shared in the counseling relationship is treated with the deepest respect. Counselors have an ethical responsibility and professional duty not to divulge information learned in private interaction unless there are compelling circumstances, or a legal mandate to do so. Counselors are obligated to share information with parents of minors and others in the following circumstances: as ordered by a court of law; to protect a student from harm, abuse and neglect; and, to warn potential victims of the intent to harm.

School Counseling at Colebrook Academy & Elementary School is a vital part of the total school program with its own activities.

- ◆ As an information center, the School Counseling Office contains much literature relevant to career planning, college selection, financial aid, and emotional concerns. Begin planning early for your future!
- ◆ The school counseling services of the school offer pupils assistance in making appropriate choices of an academic, vocational, or personal nature. With this objective in mind, the School Counseling Department maintains individual cumulative record folders containing such items as biographical data, grades, test scores, career survey results, etc., and assists the faculty in administering a comprehensive testing program. Sources of information on schools, occupations, financial aid, and the military are provided as well as assistance in selecting courses, occupations and post-secondary training. Students receive individual and group assistance regarding academic and vocational planning.
- ◆ Students who are planning to attend college should plan their programs carefully and seek the aid of school counseling personnel. No capable student should look upon further education after high school graduation as

impossible as there are various kinds of financial aid available such as scholarships or tuition grants, loans, and work-study programs.

- ◆ The school counseling staff is here, also, to assist students who, for whatever reasons, have encountered a situation in which they need support or assistance. Students desiring assistance should see the school counselor or secretary to make an appointment. Except in emergencies students may not be assisted immediately but will be scheduled that day or during following days.
- ◆ The School Counseling Department cooperates with parents, teachers, and local community agencies to provide an appropriate education for each child. Referral services are also provided to the proper agencies when further assistance is deemed necessary.
- ◆ The School Counseling Department and the Principal are responsible for the formulation of the master schedule and the scheduling of the student body.
- ◆ New students must register through the School Counseling Office. **Students must reside with a custodial parent or legal guardian in the area served by Colebrook Academy & Elementary School. A copy of the custody decree and/or other documentation of legal guardianship are required.** Immunization records are also necessary prior to enrollment.
- ◆ The School Counseling Department is responsible for student academic records, credit checks, and transcripts.

STUDENT SERVICES PROGRAMS

Colebrook Academy & Elementary School's Student Support Services consists of the School Counseling Department, Special Education Department, Section 504 Rehabilitation Services, Student Assistance Program Counselor, and a Registered Nurse.

School Counseling Department

The School Counseling Department provides students with a multitude of services and resources for assisting students to develop plans for the future. The school counseling program is committed to focusing on the needs, interests and issues related to student growth as well as to individual development in academic, career and personal/social areas. The counselor provides direct services to students through individual conferences, small group and grade-level group guidance presentations. These presentations include relevant career, college and academic information. Counselors facilitate the transition process for eighth grade students to Colebrook Academy.

Any requests for student reports and file information should be directed to the Principal's Office in writing.

Requests for transcripts should be directed to the School Counseling Office. Please note that once a student has graduated and reached the age of 18 years, he or she must personally make the request for a transcript either by phone, in writing, or email.

Special Education

The Special Education staff provides teacher and/or tutoring in the content areas, support services in classroom and directed academic support times to assist students in developing appropriate study habits. All activities of the Special Education Department are focused upon promoting independence. Students are integrated into the regular education

curriculum and extracurricular activities as much as possible. The Department strives to enable all students to become responsible citizens in their communities.

Special education students are offered vocational assessments and individualized vocational plans to help them transition to their communities. Referrals to the Bureau of Vocational Rehabilitation are made when appropriate.

Section 504 Rehabilitation Act of 1973

It is the policy of the Colebrook School District that no otherwise qualified individual with disabilities shall, solely by reason of his/her disability, be excluded from the participation in, be denied benefits of, or be subjected to discrimination under any program or activity sponsored by the School Board. For purposes of this policy and any implementing regulations, an individual with disabilities is a person who:

1. Has a physical or mental impairment which substantially limits one or more of such person's major life activities, and includes specific learning disabilities;
2. Has a record of such impairment; or
3. Is regarded as having such impairment.

Student Assistance Program

The Student Assistance Program counselor provides counseling, prevention strategies and advice on treatment of at risk behaviors for Colebrook Academy & Elementary School students. Any student, staff member, or parent may refer an individual to Student Assistance. In addition, the Student Assistance counselor provides educational programs for students, staff and families.

Health Services

A registered nurse is available to all students to discuss health and personal issues in a confidential setting. The school nurse provides assessment of health concerns (physical, social, and emotional), early intervention, treatment and referral as needed. The school nurse consults with health professionals to provide accurate information to support staff and teachers as needed to meet the needs of the student. The school nurse works to provide a safe and caring environment by reporting safety concerns and doing accident reports in a timely manner.

Student Services Team for the 2022-2023 School Year: (Subject to change)

Tia Cloutier, School Counselor

Devon Phillips, School Nurse

School Psychologist, TBA

Jennifer Noyes, Special Services Coordinator

Samantha Thatcher, Special Education Case Manager

Valerie Rella, SEL Interventionist

Amy Caron, 504 Case Manager

PROGRAM OF STUDIES OVERVIEW

This booklet has been prepared to give students, parents and teachers information about the total program of Colebrook Academy and Elementary School including courses, recommended programs, and graduation requirements. This Program of Studies is subject to change due to unforeseen circumstances. However, every effort will be made to provide the program indicated in this booklet. The staff at Colebrook Academy and Elementary School has made a continuous effort to upgrade its course offerings as new and accepted programs are developed on a state and national level. We are very proud of the course offerings we have to offer to all of you and work hard to provide you with a

high quality education. Many changes have been made in the past few years and there are indications that many more will be forthcoming in the years ahead. Course content in all areas is under constant study and additions and deletions are made when experience indicates the desirability of change. The course descriptions herein are brief and are intended to generalize the nature and activities of the courses.

Changes in students' schedules, once the school year has started, will not always be possible; changes should be minimal as they are following their career pathway. Changes must be done prior to the new 2022-2023 school year.

Please consider what courses you will be taking not only for this year but also for your full high school program (career pathways 4-year plan). It should be noted that certain courses are required to meet state and local diploma requirements. These should be considered first when selecting each year's course selections.

Please see Mrs. Cloutier with any concerns you may have regarding this year's Program of Studies, as well as any questions with the state or school's graduation requirements.

Class Listings

Business

ICT
Small Business Management
Marketing
Workplace Skills
Business Math
Economics
Personal Finance
Accounting (RS)
Business Law (RS)
Introduction to Business
21st Century Business
CA Investments

English

Introduction to Literature
Survey of Literature
American Literature
British Literature
Film as Literature
Mythology
College Composition (RS)
American Literature (RS)
Creative Writing (RS)
AP Language & Literature
Journalism
Popular Culture
Science Fiction and Fantasy
Shakespeare
Writing Workshop
Public Speaking
Research Skills
Media Literacy

Fine Arts

Studio Art
Chorus
Band
Draw and Paint
Intro to Drawing (RS)
Drawing with Color (RS)
Advanced Placement Studio Art

Mathematics

Math Skills I/II
Pre - Algebra
Alternative Algebra I
Math in Art
Algebra I
Geometry
Algebra II

Advanced Studio Art
 3D Sculpture
 Crafts
 Media Arts/Animation
 General Music
 Music Theory, History & Composition
 Piano Study
 Vocal Study
 Guitar Study

Pre – Calculus
 Career Mathematics
 Quantitative Reasoning
 Calculus
 Statistics
 History of Math

Science

Physical Science
 Biology
 Marine Science
 Earth Science
 Animal and Wildlife
 Forensics
 Anatomy & Physiology
 Ecology
 Paleontology
 Astronomy
 Physics

Social Studies

Geography
 Civics
 Current Events
 World History
 Ancient and Medieval
 20th Century History - Film
 US History
 NH History
 Holocaust
 Psychology
 Introduction to Criminal Justice
 Criminology
 America in the 20th Century
 World Religions
 Political Science
 Legal and Ethical Issues (RS)
 Psychology (RS)
 Sociology (RS)

Technology & STEM

Introduction to Computer Science
 Woodworking I & II
 Robotics
 Welding and Metals I & II
 Repairs and Tool Safety
 Advanced Repairs
 Intro to Autobody
 Autobody Fabrication
 Intro to Plumbing & Electrical
 Plumbing & Electrical
 Power Sports
 Intro to Diesel Mechanics
 Carpentry Fundamentals
 Carpentry Framing and Finishing
 HVAC I & II
 Intro to Technology
 Planning and Design / CAD I

Wellness

Health
 Physical Education
 EPE – Lifetime Fitness
 Weightlifting
 Nutrition
 Introduction to Coaching

CAD II / CAM
 Advanced Placement Computer Science
 Web Design
 Game Design
 Small Gas Engines

World Language

Cultural Film Studies
 Spanish I
 Spanish II
 Spanish III
 Spanish IV (RS)

Other Opportunities

LNA Program
 School to Work

North Point CTE

Automotive

Auto I & II

Hospitality / Culinary

Introduction to Hospitality / Tourism (RS)
 Quality Service Management (RS)
 Culinary I & II

Information Tech

PC/Mobile Hardware (RS)
 Database Management (RS)
 Programming in Python (RS)
 PC OS Security & Cloud Fundamentals (RS)

Education

Education I & II

Health Science

Human Biology (RS)
 Chemistry (RS)
 Biology (RS)
 Medical Terminology (RS)



Automotive CTE

Program Coordinator: Troy Lachance

Instructor: Todd Facey

Community Partners: Don Noyes Chevrolet, Northern Tire, C4 Automotive

Automotive Technology I

In the first year of Automotive Technology at the North Point CTE Center students will be introduced to all systems of modern automobiles. Students will learn the proper safety techniques for working in the shop and how to properly select and use the proper tools for the job. They shall pass Industry-established written and performance-based safety tests before engaging in any hands-on element of the program. They will also learn the technical skills needed to run an automotive service facility. They will write repair orders, communicate with customers, and parts suppliers. Students will then learn the basics of engine repair, electronics, suspension and steering, and hydraulic brakes. Program time is divided between classroom instruction and actual vehicle repair and simulations.

Units Taught

Careers in Automotive Technology
Introduction to Automotive Technology
Introduction to Automotive Safety
Personal Safety
Vehicle Service Information & Diagnostic Process
Basic Tools and Precision Measuring
Power Tools & Equipment
Fasteners and Thread Repair

Course Outcomes

Demonstrate proper lab procedures
Develop a safety plan
Distinguish different hand tools
Calculate measurements using precision measurement tools
Perform vehicle lifting procedures

Special Course Requirements or Prerequisites

- Closed-toed shoes, long pants, safety glasses (one pair provided).

Enduring Understandings:

- How to efficiently interview the customer about their vehicle in order to properly diagnose their concerns.

- How to effectively communicate with the various roles that contribute to a successful automotive business.

Essential Questions:

- What information is needed when the customer drops off a vehicle?
- What are the habits of good technicians, especially when faced with a problem they might not understand?

Course Highlights

- Gain hands-on experience with the vast tools used in the trade.
- Learn new and emerging technology in our ASE-EF approved program.
- Gain skills and understandings that can be used to launch a career or be well on your way when starting at a college.

Course Outcomes (in year #2)

- Student Entry Level ASE Certifications

Automotive Technology II

Automotive Technology II at North Point CTE Center builds on the knowledge gained in the student's first year. The year begins with a recap of tools and safety to make sure the students have the knowledge needed to be safe in an automotive service facility and while working on live vehicles. The students will then explore topics such as engine performance and diagnostics, advanced electronics, drivetrains, manual transmissions, automatic transmissions, and air conditioning diagnostics. Students that have excelled in this year will also be given the opportunity to be sent out on a co-op or internship.

Units Taught

Vehicle Maintenance Inspection
 Communication and Employability Skills
 Cooling System Theory
 Cooling System Service
 Engine Lubrication Theory
 Lubrication System Service
 Intake and Exhaust Systems

Course Outcomes

Perform basic vehicle maintenance
 Demonstrate proper lab procedures
 Perform vehicle lifting procedures
 Perform cooling system tests
 Distinguish different lubrication systems
 Explain exhaust system components

Special Course Requirements or Prerequisites

- Closed toed shoes, long pants, safety glasses (one pair provided)
- Driver's licenses required for certain class activities

Enduring Understandings:

- Practical application of safe work habits and the correct use of tools and precision test instruments.
- Computerized engine controls are a complex and intricate part of our vehicles.
- Practical application of safe work habits and the correct use of tools and precision test instruments.

Essential Questions:

- What do proper lab and shop safety procedures look like?
- What are the dangers inherently associated with automotive electrical components?
- How do we properly work around them in order to assess problems?
- What specialty tools are used to assess the source of electrical components?

Course Highlights

- Gain hands-on experience on modern vehicles.
- Learn new and emerging technology in our NATEF approved program.
- Gain skills that can be used to launch a career or be well on your way when starting at a college.

Course Outcomes

- Student ASE Certification.

Power Sports

Students that successfully complete two years of Outdoor Power Sports will have the basic skills necessary to work successfully in the field of small motors. With this foundation, they should be able to advance quickly with work experience and professional guidance on the job.

Units Taught

Shop Safety & Personal Protection

Four - cycle theory

Two - cycle theory

Tools & Equipment - Identification, proper usage

Fasteners & thread repair

4-cycle Engine (top end) disassemble & reassemble

Oil and lubrication

Carburetors & fuel systems

Parts & service manuals

Basic Electrical Theory & Hands on Applications

Fuel Injection

Ignition Systems

Starting Systems

Precision Measuring

Transmission & Clutch

Suspension Systems

Course Outcomes

Students in this course learn to use hand and power tools as well as various precision measuring instruments. As a student, you will learn to be dependable, reliable, honest, and have a good attitude—all qualities to help you gain employment.

Certifications

EETC (Equipment & Engine Training Council) certification
OSHA 10 Hour General Industry Safety
Fire extinguisher training

Health Sciences CTE

Program Coordinator: Ann Morin & Bonnie Akerman

Instructor: Kim Dorman

Community Partners: UCVH

Coos County Nursing Home

Year 1

College Composition

Students learn the fundamentals of writing a research paper by engaging in a semester-long research project that ends with the submission of a seven- to eight-page documented research paper. This research paper represents the culmination of all the research they have done on the topic during the semester. The documentation style students use and for which they are assessed is MLA. Leading up to the final research paper, students engage in activities that relate to their research project: e.g., writing shorter essays, doing annotated bibliographies, evaluating sources, presenting material (to the class or in groups), working with peers, reading scholarly and other sources, and the like.

Medical Terminology

Medical Terminology applies a system's approach to teaching the vocabulary necessary for persons employed in the allied-health professions. Topics include medical vocabulary, medical history, physical examination, an introduction to anatomy, and all body systems, including eye, ear, nose, and throat. Topics also include surgery, pathology, discharge summaries, mental health, and autopsies.

Human Biology

This one-semester course in Human Biology introduces students to the structures and functions of the human body. Background information includes chemistry for human biology, cell structure and function, and human organization. Major topics include the digestive, circulator, lymphatic, respiratory, urinary, skeletal, muscular, nervous, and reproductive systems, along with the senses and basic genetics. Laboratory activities are designed to enhance and reinforce selected lecture topics. Integrated laboratory work augments lecture topics. The course is designed for those involved in direct patient care as medical assistants or for those pursuing a career in medical billing and coding.

Legal and Ethical Issues

Legal and Ethical Issues introduces concepts of ethics from their origin in antiquity to their application in today's world. The course explores morality, moral values, and the codification of these values into our legal system. It likewise examines major contemporary ethical issues enabling students to engage in the process of ethical decision-making.

Year 2

Psychology

Psychology is an introductory course that surveys the behavioral science of psychology. Students explore personal and social behaviors through topics that include consciousness, memory, learning, perception, physiology, sexuality, cognition, abnormal behavior, and developmental processes. Applied research projects are an integral component of the course, which emphasizes the analysis of data, along with the theories and trends in the field.

Quantitative Reasoning

Quantitative Reasoning exposes students to a wide range of general mathematics. The course emphasizes and reinforces problem solving and critical thinking, along with the use of technology, as students become actively involved in solving applied problems. Topics include geometry, measurement, probability, statistics, finance, number theory and systems, functions and modeling

Human Growth and Development

Human Growth and Development explores human development from a psychological point of view. The course emphasizes the developmental stages of the lifespan, along with cognitive growth patterns

Credits, Certificates and Credentials

- American Heart Association® First Aid certification
- American Heart Association® Heart-Saver Cardiopulmonary Resuscitation (CPR) certification.

Nurse Assistant Track

The North Point CTE center in conjunction with Coos County Nursing Hospital, offers a New Hampshire Board of Nursing (BON) approved nursing assistant education program. The Licensed Nursing Assistant (LNA) Program Coordinator and Clinical Instructor are responsible for teaching the competency of the nursing assistant curriculum that is approved by the BON. Upon completion of the curriculum, a nursing assistant shall be able to assist individuals to attain and maintain functional independence in a health care setting. Nursing students are expected to demonstrate comprehension related to individuals' emotional, mental, physical, and social health needs through skillful, direct nursing-related activities.

Upon successful completion of the program and state certification, written and clinical testing students are eligible to apply for LNA licensure through the BON. The course includes both classroom study, simulated lab skills, and clinical experiences in various health care organizations. The BON mandates that nursing assistant students are required to obtain 60 classroom theory hours and 65 clinical hours experience to be eligible to take the State of New Hampshire LNA exam at the end of the program. In addition, per BON and Federal regulations students must maintain a theory and clinical grade of 70 or greater consistently to meet the criteria and eligibility of participating in clinical experiences and end of program State Certification testing.

Additional program requirements may include drug and criminal background testing according to participating healthcare facility policy and meet any other criteria as established by the BON. In circumstances where the Board of Nursing rules and regulations are stricter than local school district policy, the BON rules and regulations shall be the guiding factor in decision making.

Students must meet specific State of New Hampshire Board of Nursing mandated requirements to participate in and complete this program.

Additional costs and requirements may include:

- A two-step PPD test administered prior to the start of clinical hours
- Navy-blue scrubs, sneakers or nursing-style shoes
- Criminal background check with Livescan fingerprinting
- State certification examination fees, LNA licensing fees, criminal background fees

Enduring Understandings:

- Healthcare is consumer driven and person-centered.
- Safety is a priority in healthcare.
- Professional, effective communication and collaboration is a requirement in healthcare.

Essential Questions:

- How will a student's LNA skills help to pursue employment opportunities?
- How can students pursue further education in healthcare?

Course Highlights

- New Hampshire Board approved curriculum to obtain LNA licensure
- Hands-on nursing skills practiced in the SIM lab and in local healthcare facilities
- Eligibility to take the State of New Hampshire Licensed Nursing Assistant (LNA) exam at the end of the program

Course Outcomes

- Student opportunity to explore health care pathways
- Opportunity to sit for competency LNA exam
- Prepares students for college and workforce opportunities

Education CTE

Program Coordinator: Robin Scott

Instructor: Kathleen Lawton-Haynes

Community Partners: Country Day School, All About Kids, Headstart, CAES & SCS

Year 1

Foundations of Education

Foundations of Education is a survey course that investigates the philosophical, historical, and social/cultural character of education in the United States. It examines the way schools function organizationally. Topics

include the role of education, system philosophy, and trends that have shaped contemporary education. Students also conduct field observations. This course is a concentration requirement for both the Special Education certificate and the Teacher Education associate degree. It is intended to be the first in a series of learning experiences for those interested in careers as teachers

College Composition

In College Composition, students learn the fundamentals of writing a research paper by engaging in a semester-long research project that ends with the submission of a seven- to eight-page documented research paper. This research paper represents the culmination of all the research they have done on the topic during the semester. The documentation style students use and for which they are assessed is MLA. Leading up to the final research paper, students engage in activities that relate to their research project: e.g., writing shorter essays, doing annotated bibliographies, evaluating sources, presenting material (to the class or in groups), working with peers, reading scholarly and other sources, and the like

Special Course Requirements or Prerequisites

- Professional dress is required for internship placement

Course Highlights

- Working directly with children to enhance skills and apply learning
- Hands-on practical experiences reinforce classroom learning
- Community partners, guest speakers and field trips complement the learning experience
- Participation in Educators Rising events provides opportunities to network with peers and learn from experts in the field

Outcomes: Credits, Certificates and Credentials

- American Heart Association – CPR, First Aid, AED Certification

Year 2

Child Growth and Development

Child Growth and Development introduces students to the notion of the child (newborn to age 8) as a learner and family member with needs to explore, communicate, and develop physical, cognitive, and social competence. The course covers current stages of a child's development, including the range of normal milestones at the various developmental levels. Based on the NH Early Learning Standards, the course places special emphasis on appropriate expectations within learning environments at the various stages of development. Students in the course explore and examine observation skills through case-study analysis.

Quantitative Reasoning

Quantitative Reasoning exposes students to a wide range of general mathematics. The course emphasizes and reinforces problem solving and critical thinking, along with the use of technology, as students become actively involved in solving applied problems. Topics include geometry, measurement, probability, statistics, finance, number theory and systems, functions and modeling

Psychology

Psychology is an introductory course that surveys the behavioral science of psychology. Students explore personal and social behaviors through topics that include consciousness, memory, learning, perception, physiology, sexuality, cognition, abnormal behavior, and developmental processes. Applied research projects are an integral component of the course, which emphasizes the analysis of data, along with the theories and trends in the field.

Special Course Requirements or Prerequisites

- Professional dress is required for internship placement

Course Highlights

- Internships at local schools.
- Learn how to plan and implement a lesson plan in a real-world situation
- Teamwork, leadership skills, collaboration and self-management are practiced.

Information Technology

(NHTI Running Start)

Program Coordinator: Aaron Conn

Instructor: Tyler Snyder

Community Partners: IND Network and Security Consultants, SAU 7, American Performance Polymers

PC OS Security and Cloud Fundamentals

This course is a continuation of the current material taught in IST 104C with emphasis placed on CompTIA's Core 2 Objectives. Labs and hands-on activities are used extensively to illustrate concepts. Topics include installing, maintaining, troubleshooting, and optimizing computer operating systems. Significant time is dedicated to security topics, best practices, and exploring real-world security issues. Mobile devices, virtualization, and software diagnostic utilities are also covered. This course prepares students for the second exam in CompTIA's A+ certification path, CORE 2

PC/Mobile Hardware and Networking

An in-depth exposure to computer hardware concentrating on CompTIA A+ Core 1 objectives. Students learn the functionality of computer hardware and suggested best practices in maintenance and safety issues. Through hands-on activities and labs, students learn how to assemble and configure computer hardware and the basic installation of Windows operating systems. In addition, an introduction to networking is included. This course prepares students for the first exam in CompTIA's A+ certification path, CORE 1 (220-1001). Students registering for this course should be proficient in daily computer use (such as downloading and installing software from the internet) and should be familiar with basic computer terms.

Programming Essentials in Python

Covers all the basics of programming in Python, as well as general computer programming concepts and techniques. The course also familiarizes the student with the object-oriented approach. Students have access to hands-on practice materials, quizzes, and assessments to learn how to utilize the skills and knowledge gained on the course and interact with some real-life programming tasks and situations. The aim of the course is to familiarize students with general computer programming concepts like conditional execution, loops, Python programming language syntax, semantics, and the runtime environment, as well as with general coding techniques and object-oriented programming. This course is aligned towards the PCAP industry certification and once students complete this course they will be ready to take the PCAP –Certified Associate in Python programming. The Python Institute offers students who successfully complete the PCAP | Programming

Essentials in Python course a 51% discount on the list price for the PCAP | Python Certified Associate Programmer Certification exam taken at Pearson VUE Testing Centers.

Database Design and Management

Introduces students to the basic concepts used in database design and advanced topics such as structured query language (SQL), data modeling, table creation, normalization, views, forms, queries, and reports. The lab component includes development of business applications using a relational database, MS SQL Server. This is an entry-level course. No prior database knowledge is needed.

Industry Credentials

Python Certified Associate Programmer (PCAP)
CompTIA's A+ certification path, CORE 1

Hospitality / Culinary

Program Coordinator: WMCC

Instructor: David Covill and Beth Sweatt

Community Partners: Various local resorts/restaurants

(NHTI, LRCC Running Start)

Sanitation & Safety

This course offers a look into the fundamentals of food service sanitation and safety. Students will demonstrate knowledge of proper hot and cold food handling procedures, cross contamination of ready-to-eat foods, proper receiving practices, proper storage guidelines, who is affected by improper food handling, and federal/state food service sanitation requirements. When this course is completed, the student will test for the ServSafe certification.

Introduction to the Hospitality and Tourism Industry

Provides an overview of the structure and scope of the travel/tourism and hospitality industries. This course examines the components of the tourism industry: transportation, accommodation, food and beverage, and attractions. Other topics include the history, political, social, and cultural impacts tourism has on local, state, and global environments. A section of the course is devoted to the N.H. tourism environment. Students will review marketing, motivation, and other forces that draw guests to the state. Students will be required to prepare a career-planning outline.

Quality Service Management

This course examines the techniques and methods in delivering exceptional quality service for external and internal customers. Students will learn the skills and attitudes for service management through observation, video, case studies, and role play. Students will review the processes of total quality management.

GRADUATION REQUIREMENTS

PLANNING YOUR PROGRAM OF STUDIES

GRADUATION AND DIPLOMA REQUIREMENTS

Minimum Credit Requirements for Graduation by Class

Class of 2023	
4	ENGLISH
	Intro to Lit, Survey of Lit, American Lit, British Lit
Sr.	Senior Seminar
4	MATH
	Must include Algebra 1 or Equivalent
2	SCIENCE
	Biology
	Physical Science
2.5	SOCIAL STUDIES
	World History / Geography (.5)
	Civics (.5)
	US/NH History (1)
	Economics (.5)
OTHER REQUIREMENTS	
1	Physical Education
.5	Fine Arts
.5	Health
.5	Information & Communications Technology (ICT)
.5	50 Hours of Community Service
TOTALS	
26	TOTAL Number of Credits for CAES Diploma (16.5 Required Courses + 9.5 Electives)

Class of 2024	
4	ENGLISH
	Intro to Lit, Survey of Lit, American Lit, British Lit
Sr.	Senior Seminar
4	MATH
	Must include Algebra 1 or Equivalent
2	SCIENCE
	Physical Science
	Biology
2.5	SOCIAL STUDIES
	World History / Geography (.5)
	Civics (.5)
	US / NH History (1)
	Economics (.5)
OTHER REQUIREMENTS	
1	Physical Education
.5	Fine Arts
.5	Health
.5	Information & Communication Technology (ICT)
.5	50 Hours of Community Service
TOTALS	
26	TOTAL Number of Credits for CAES Diploma (16.5 Required Courses + 9.5 Electives)

GRADUATION AND DIPLOMA REQUIREMENTS (cont.)

Class of 2025		Class of 2026	
4	ENGLISH	4	ENGLISH
	Intro to Lit, Survey of Lit, American Lit, British Lit		Intro to Lit, Survey of Lit, American Lit, British Lit
Sr.	Senior Seminar	Sr.	Senior Seminar
		Fr.	Freshman Seminar
4	MATH	4	MATH
	Must include Algebra 1 or Equivalent		Must include Algebra 1 or Equivalent
3	SCIENCE	3	SCIENCE
	Biology (1)		Biology
	Physical Science (1)		Physical Science
	Elective Science (1)		Elective Science (1)
2.5	SOCIAL STUDIES	2.5	SOCIAL STUDIES
	World History / Geography (.5)		World History / Geography (.5)
	Civics (.5)		Civics (.5)
	US/NH History (1)		US/NH History (1)
	Economics (.5)		Economics (.5)
OTHER REQUIREMENTS		OTHER REQUIREMENTS	
1	Physical Education	1	Physical Education
.5	Fine Arts	.5	Fine Arts
.5	Health	.5	Health
.5	Information & Communication Technology (ICT)	.5	Information & Communication Technology (ICT)
.5	50 Hours of Community Service	.5	50 Hours of Community Service
TOTALS		TOTALS	
27	TOTAL Number of Credits for CAES Diploma (17.5 Required Courses + 9.5 Electives)	27	TOTAL Number of Credits for CAES Diploma (17.5 Required Courses + 9.5 Electives)

New Hampshire Scholars Program



New Hampshire Scholars is a community-based program that encourages students to take a more rigorous Core Course of Study in high school. It is based on a partnership between a community's local business leaders and its school district. New Hampshire Scholars is coordinated through a partnership between the New Hampshire College and University Council, Campus Compact for New Hampshire and the New Hampshire Department of




Education. New Hampshire Scholars is part of the National State Scholars Initiative Network. Twenty-five states across the country participate in this national initiative.

The New Hampshire Scholars Program has four initiative pathways:

1. New Hampshire Scholars;
2. New Hampshire Scholars with a Science, Technology, Engineering, and Math (STEM) Emphasis
3. New Hampshire Scholars with an Arts Emphasis
4. New Hampshire Scholars Career Pathway



In the Course Catalog, all courses approved as part of the NH Scholars Program are indicated with the symbol:

New Hampshire Scholars Initiative Pathways		
All NH Scholars complete the requirements in English, Math, Social Science, World Language and Lab Science		
4 years of English		
4 years of Math		
3 ½ years of Social Science		
2 years of a World Language (not required for Career Pathways Emphasis)		
3 years of Lab Science		
Students are also encouraged to seek experiential learning opportunities & community partnerships/business mentorships		
NH Scholars may also earn the following designations by completing additional requirements		
 NH Scholars with STEM Emphasis	 NH Scholars with Arts Emphasis	 NH Scholars Career Pathway
1 additional year of Lab Science 1 year (or more) chosen from Technology, Engineering, Computers, Advanced Manufacturing, etc. Minimum 3.2 GPA (weighted, end of 11th grade)	2 years chosen from Visual Arts, Fine Arts, Performing Arts, Music, Graphic Design, etc. Minimum 3.2 GPA (weighted, end of 11th grade)	Completion of one of the following: <ul style="list-style-type: none"> ● Approved NH CTE Program ● Industry-aligned or career-driven Extended Learning Opportunity ● CCSNH Industry cert. sequence ● Formal career pathway Successful engagement in a work-based experience Earned college credits or an industry-valued recognized certificate

Community Service Requirement

****Approved spring 2015***

This one-half credit (.5) requirement demands a student to complete fifty (50) hours of community service. This service may take the form of help provided to an elderly citizen, work in a daycare center, assistance to a community organization, or any other services performed within the community which are approved by the school counselor. *Service may not be performed for a business or a family member.* If students perceive any dangerous situation whatsoever while performing their community service, they should leave the site immediately and report the incident to the school principal.

The student is responsible for contacting the individual or group to be served to set up a project. The student must pick up a “Student Log” from the School Counseling Office to record hours.

The student will record the name of the individual who was assisted and the number of hours spent by the student providing the service on the Student Log. Once the service has been performed, the signature of the individual or group served must be recorded on the student’s log verifying completion of the project. The School Counseling Office will collect these logs and maintain accurate records for each student.

As soon as the student has completed fifty (50) hours of service, he/she will be eligible to receive one-half credit (.5) toward his/her graduation requirement. *The student does not sign up for this as they would a class at scheduling time, but rather he/she will receive credit upon proof that the fifty hours of community service have been completed. It is strongly suggested that students complete this requirement by the end of the first semester of their senior year.*

Diploma Types

Colebrook Academy and Elementary School graduation requirements provide the opportunity for students to pursue multiple pathways to earn a diploma. Students will have options to pursue areas of interest through expansion of elective credits. Flexibility in course offerings allows for personalized education plans for our students.

Our intention is to challenge each student academically. These new options are designed to better prepare each student for success in college, work and citizenship.

Certificate of Attendance and Certification of Completion

The assumption is that all CAES students will work toward mastery of state standards and receive a high school diploma. However, some students require extensive, intensive instruction and substantial support that is not of a temporary nature to achieve measurable gains in grade and age-appropriate curriculum. These students may require substantially adapted materials and individualized methods of accessing information in alternative ways to acquire, maintain, generalize and demonstrate and transfer skills across multiple settings.

If curriculum modifications are needed and become a necessary support for the student's success, it will be required to place the student on a certificate track. Determination for modified diploma eligibility for special education students will be an I.E.P. team decision. Educationally disabled students who have been issued a modified diploma will continue to be eligible for special education services until a minimum diploma is obtained or until they reach the age of 21, whichever comes first.

Certificate of Attendance

Students with an individualized education plan (I.E.P.) may earn a Certificate of Attendance. This certificate shall not be equal to a regular high school diploma per the State of New Hampshire Department of Education. A transition plan track will be developed at the student's I.E.P. meeting. A High School. Students are awarded this certificate as part of the high school graduation ceremony. No distinction is made between students receiving a diploma versus those receiving a certificate.

Certificate of Completion

Special education students who are not working toward a high school diploma, may receive a Certificate of Completion upon completion of their program. The intent of the Certificate of Completion is to award a document to a special education student who completes the public education program as prescribed in their I.E.P.

The following conditions will apply to students earning a Certificate of Completion:

The student is identified with an educational disability as documented in an I.E.P.

The student has spent a majority of their high school program in either non-credit granting courses or was unable to demonstrate competency in required courses and, therefore, was unable to attain sufficient credits for a standard diploma.

CAES Diploma

Total Credits needed for Graduation: 26 (27 credits required for the Class of 2025 and beyond)

ENGLISH

4 credits

MATHEMATICS

4 credits

One Algebra credit required of four credits
(A math class must be taken **senior** year)

SOCIAL STUDIES

2 1/2 credits

US/NH History (1 credit)
Civics (½ credit)
Economics or Personal Finance (½ credit)
World History or Geography (½ credit)

SCIENCE

3 credits

One Biology credit
Physical Science credit required
One elective credit (starting with the Class of 2025)

PHYSICAL EDUCATION

1 credit

FINE ARTS

1/2 credit

INFORMATION & COMMUNICATIONS TECHNOLOGY

1/2 credit

HEALTH

1/2 credit

COMMUNITY SERVICE (minimum of 50 hours)

1/2 credit

ELECTIVES (starting with the Class of 2025)

10 1/2 credits

State of N.H. Minimum Diploma (20 Credits)

There are administrative rules that establish minimum standards for graduation requirements including credit requirements and content areas. The diploma can be awarded based on these minimum standards.

New Hampshire *Minimum Standards*, section *Ed 306.27(q)(s)* states that students shall demonstrate competencies contained in at least the equivalent of 20 credits to graduate with a regular high school diploma.

The following table from *Ed 306.27(t)* illustrates the required subjects and credits for high school graduation:

Arts Education	0.5
Digital Literacy	0.5
English	4
Mathematics	3
Physical Sciences	1
Biological Sciences	1
US/NH History	1
US Government (Civics)	0.5
Economics or Personal Finance	0.5
World History, Global Studies and/or Geography	0.5
Health Education	0.5
Physical Education	1
Open Electives	6
TOTAL:	20

GRADING



Grading System

Students at Colebrook Academy & Elementary School receive numeric course grades four times a semester - October, January, April and June. The following scale is used:

NUMERIC GRADE	5.0 SCALE	4.5 SCALE	4.0 SCALE	ALPHA GRADE
	DE, AP, etc.	A level	B level	
100-95	5	4.5	4	A
94-93	4.7	4.2	3.7	
92-90	4.3	3.8	3.3	B
89-87	4	3.5	3	
86-85	3.7	3.2	2.7	
84-82	3.3	2.8	2.3	C
81-78	3	2.5	2	
77-75	2.7	2.2	1.7	
74	2.3	1.8	1.3	D
73-72	2	1.5	1	
71-70	1.2	1.2	0.7	
69-60	0	0	0	F

Incomplete Grades

Students have 2 weeks to address incompletes. After that time, the incomplete should go away and be replaced whatever the grade is at the time. “I” is a tentative grade and ultimately a numeric grade is recorded.

Grade Point Average (G.P.A) / Class Rank

Grade Point Average (here in referred to as GPA) is a factor in class rank, college admissions, scholarship eligibility and more; it represents a student's body of academic work throughout high school beginning in his freshman year. While GPA is only part of a high school transcript, it is a strong indicator of success. GPA can send messages to both colleges and students alike. For colleges, it signals a student's academic achievement and potential to succeed at the next level. For students, it's an opportunity to see where they rank and how they compare with their peers. Students should keep in mind that when their GPA lands on a college admissions official's desk, it is often re-calculated. Some colleges may add points for honors or dual enrollment/Advanced Placement courses and may focus only on core classes such as English, Mathematics, Science, Social Studies and Foreign Language, ignoring electives. To learn how specific colleges address this in the admissions process, refer to individual college websites.

At Colebrook Academy & Elementary School, both a weighted and unweighted GPA are calculated and recorded on students' transcripts. The weighted and unweighted GPA will also be noted on semester #1/quarter#2 and semester#2/quarter#4 report cards.

CAES follows a 4.0 GPA scale with added weighting for some courses. The un-weighted GPA is an average of grades on the 4.0 scale without any weighting added (**SEE WEIGHTING OF GRADES SECTION BELOW**). Courses are weighted depending on their degree of difficulty. If a student takes more challenging courses, the grades earned weigh more than the grades in less challenging ones.

Students are encouraged to select courses that stretch and challenge them. They should focus on performing well and achieving their best. They are reminded that more than "hitting a number" (having a certain GPA), they should prepare themselves academically and socially for whatever next step they pursue after graduation.

CAES uses the following algorithm to calculate the weighted GPA:

Average of GPA points, with credit value for each course considered, divided by total number of credits attempted.

See this sample for further explanation:

Level of 1 credit course	Final grade for 1 credit course	GPA points for 1 credit course	Level of ½ credit course	Final grade for ½ credit course	GPA points for ½ credit course
Honors	91	3.3	Honors	91	1.65
Honors	89	3	Honors	86	1.35
Honors	85	2.7	Standard	94	1.85
Honors	79	2	Standard	92	1.65
Honors	90	3.3	Honors	87	1.5
Honors	87	3	Standard	85	1.35
Honors	90	3.3	Standard	86	1.35
Honors	88	3	Standard	94	1.85
Dual Enrollment	77	1.7	Standard	95	2
Dual Enrollment	75	1.7	Standard	92	1.65
Standard	87	3	Standard	90	1.65
			Standard	84	1.15
			Standard	95	2

Total number of credits attempted = 17.5

Weighted GPA average = $51 / 17.5 = 2.9$

Weight of Grades

Courses are weighted depending on their degree of difficulty. More information about course levels is addressed later in the POS.

<i>Advanced Placement & Dual Enrollment Courses (including Running Start):</i>	5.0 weight
<i>Honors, Advanced, College Prep:</i>	4.5 weight
<i>General, Standard, Basic:</i>	4.0 weight

Be advised that beginning with the 2021-2022 academic year, to support our competency work and Portrait of a Graduate, we will eliminate leveling of all core courses. Only upper-level courses will be weighted, as well as those in the Running Start Program. Courses transferred in with defined levels will also be considered..

Class Rank

Class rank is based on students' weighted GPA. This is calculated twice a year (January and April) when GPA is updated.

Honor Roll

Honor Roll will be calculated each semester, when courses are completed and credits earned.

In order to be eligible for the honor roll, *a student must have a numerical grade for at least four classes*. As noted in the "Grading Scale" section, pass/fail courses, incomplete grades and online courses without grades will not be counted.

All grades must be an average of 85 or above with no grade lower than an 80 to be named on the honor roll. For High Honors, all grades must be an average of 93 with no grade lower than an 87.

Credit Recovery

The master schedule is created each year to ensure that students will be able to take courses in the sequence that is recommended. It is not created to make sure that students can make up failed courses. Students who fail a course that is required for graduation have two options in order to make up the course. The first is to retake the course or take a similar section of the course. Students who plan to retake courses should understand that when they fail a required course it may be difficult to make up the credit by simply retaking the class. When students fail a course, they risk extending their date of graduation. The second is to take a correspondence course through Odysseyware or VLACS, if available.

Promotion Policy

In order to be promoted from one grade level to the next in high school, students must earn the minimum number of credits as specified below. It is important for students to understand that high school grade promotion is based solely on the accumulated number of credits. For example, a student who only earns four credits freshman year will not be promoted to grade 10. Students are usually promoted at the end of the school year; however, students who are not promoted at the end of the school year will be promoted at the end of the first semester if the necessary minimum credits have been achieved.

	<u>Credits Needed</u> (Class of 2023 & 2024)	<u>Credits Needed</u> (Class of 2025+)
For promotion from Grade 9 to 10	6	5
For promotion from Grade 10 to 11	12	10
For promotion from Grade 11 to 12	18	15
For Graduation	26	27

OPPORTUNITIES TO EARN OUTSIDE CREDIT



NOTE: Any Advanced Placement, Running Start, or other courses offered by CAES/North Point Teachers will be taken before doing online or off campus options.

Advanced Placement

The AP program is run by the College Board. AP courses are college level courses in a variety of subjects that students can take while still in high school. These courses are rigorous in nature, and often require higher levels of self-motivation. At the conclusion of the course, students take the corresponding exam. Families are responsible to cover the cost of the exam; however, fee waivers are available for students who receive free or reduced lunch and starting in 2020 the state provided a stipend to cover a portion of exam fees. Colleges and universities **MAY** grant placement and course credit to students who obtain high scores on the exam. In 2020 the fee to take the AP exam was \$94. Students may also elect to take AP exams on their own, after studying certain subject matter. They should communicate with the School Counselor who is also the AP Coordinator to register for and order the exam. These students are not eligible for fee waivers or state stipends.

Running Start Program

Through the Community College System of New Hampshire, the Running Start Program is a partnership between the community colleges and high schools. These courses are taught by our teachers who have been credentialed by White Mountain Community College. The tuition for a RS course is \$150—significantly less than taking the course after graduation on a college campus. New Hampshire residents are eligible for the Governor’s STEM Scholarship, which covers the full tuition of a STEM course. There is also a \$75 need-based scholarship that can be applied for. Students can use 2 STEM Scholarships per year. Vermont residents must cover their tuition, and New Hampshire residents who have exhausted their STEM Scholarships must pay their tuition as well. There is a possibility that funds could be available from the school to help with tuition; however, it shouldn’t be planned on. Students must be at least a sophomore and recommended by teachers to take a RS course. Any student who participates in the RS program should consult with colleges and universities they are considering applying to about transferability of these credits. Every college and university treats the credits differently. Because RS courses ARE the college’s course, all policies and procedures regarding grading, withdrawal, and special education services are determined by the college. Those students on learning plans must go through the college to receive support. In the past, Colebrook Academy & Elementary School has offered the following RS courses.

White Mountains Community College

RS Business Law (Pitts)	3 credits
RS Spanish	3 credits
RS Accounting (Pitts)	3 credits
RS Intro drawing	3 credits
RS draw & paint	3 credits
RS Legal & Ethical Issues	3 credits

RS Biology	4 credits
RS Chemistry	4 credits
RS Medical Terminology	4 credits
RS Human Biology	4 credits
RS College Comp	3 credits
RS American Literature	3 credits
RS Physics	4 credits
RS Pre-Calculus	4 credits
RS Calculus	4 credits
RS Statistics	4 credits
RS Quantitative Reasoning	4 credits
RS Psychology	3 credits
RS Sociology	3 credits
RS Abnormal Psych	3 credits
RS Human Growth & Development	3 credits
RS Creative Writing	3 credits
	75 credits

New Hampshire Technical Institute

RS PC/Mobile Hardware	3 credits
RS Programming in Python	3 credits
RS Database Management	3 credits
RS PC OS Security and Cloud Fund.	3 credits
RS Intro to Hospitality	3 credits
RS Quality Service Mgt	3 credits
	18 credits

Lakes Region Community College

RS Sanitation & Safety	3 credits
Total	96 credits

Profile of an Effective Online Student

The online learning process requires commitment on the student's part. Staying up with the class and completing all work on time is vital. Once a student gets behind, it is very difficult to catch up. We want to be sure that students make decisions about enrollment in online courses based on sound information and careful consideration. Students interested in taking additional online courses should meet with Mrs. Cloutier to discuss academic readiness. Below are some important characteristics of a successful online student:

- **Be self-motivated and self-disciplined.** With the freedom and flexibility of the online environment comes responsibility. The online process takes real commitment and discipline to keep up with the flow of the process.

- **Be able to communicate through writing and like to read.** In the virtual classroom, nearly all communication is written, so it is critical that students feel comfortable expressing themselves in writing. Strong writing requires thought and thought requires work. Be ready to write and write well. Furthermore, you should be comfortable reading on a computer screen and be able to type.
- **Be willing to speak up if problems arise.** Many of the nonverbal communication mechanisms that instructors use in determining whether students are having problems (confusion, frustration, boredom, absence, etc.) are not possible in the online paradigm. If a student is experiencing difficulty on any level (either with the technology or with the course content), he or she must communicate this immediately. Otherwise the instructor will never know what is wrong.
- **Be willing and able to commit to 4-15 hours per week per course.** Online is not easier than the traditional educational process. It requires time and commitment similar to a traditional course.
- **Be able to meet the minimum requirements for the program.** The requirements for online are no less than that of any other quality educational program. The successful student will view online as a convenient way to receive their education – not an easier way.

Virtual Learning Academy Charter School (VLACS)

The Virtual Learning Academy Charter School's (V.L.A.C.S.) goal is to use the latest internet technologies to provide our state's high school students with anytime, anywhere internet access to a rigorous, personalized education. Colebrook students should look at V.L.A.C.S. courses over other online high school course programs. A meeting with Mrs. Cloutier for her pre approval is required if you want to receive credit for the course. A few highlights include:

- Tuition-free for all students residing in New Hampshire
- The Academy is an approved N.H. public school
- Courses are taught by N.H. certified instructors

Students who have a dedicated block during the school day for an online course, will be expected to complete the course earning 0.5 credit in 9 weeks; earning 1.0 credit in 18 weeks.

Contact Information:

V.L.A.C.S. website: www.vlacs.org

Telephone: (603)778-2500, press 0 for general information, press 1 for guidance & registration, or press 2 for technical support

Email: info@vlacs.org for general information, schoolcounseling@vlacs.org for guidance, and helpdesk@vlacs.org for technical support.

V.L.A.C.S. Registration Process

Students in grades 10-12 may be eligible to take a V.L.A.C.S. course. The process for enrolling in a V.L.A.C.S. course is:

1. Complete the E.L.O. application and submit to the school counseling office three weeks prior to the start of the quarter. A hard copy may be obtained in the school counseling office or it can be located in the online program of studies.
2. The Director of School Counseling will review the application to make sure the course is appropriate for the student's schedule and register the student for the V.L.A.C.S. account.
3. The student will receive an email from V.L.A.C.S. with a username and password, which she or he will need to share with Ms. Lemoine so she can request the specific course.
4. The parent will then receive an email from V.L.A.C.S., requesting parent authorization to enroll. There is a strict timeline for response, so parents should check their email daily. Lack of response may cause unenrollment action, delaying the course start date for the student.
5. Once the parent/guardian has authorized the course, V.L.A.C.S. assigns a teacher. The parent and student will receive an email to arrange the initial parent/student/teacher/meeting. The course will not begin until this meeting takes place, so parents should check their email daily.
6. In the meeting, the instructor will ask for the pace you would like to follow. Please provide the appropriate end date based on the term of enrollment. See below for end dates.

If your son/daughter signs up for a 9-week, 0.5 course, she or he must complete the class by the end of the quarter. If your son/daughter signs up for an 18 week-1 credit course, she or he must complete the class by the end of the semester.

If at progress report or report card time, it is determined that a student is behind pace without prior approval from the school counselor, the student will receive an "F," which may affect academic eligibility. Keeping on pace in an online class is the student's responsibility, just as it would be an in-person class.

Dual Enroll / Estart / Early College

The Early College Program in New Hampshire allows high school students an opportunity to enroll in college credit courses. Students would be integrated into regular college courses that could be applied to a degree or certificate program or transfer to another college. Early college tuition is 50% of the tuition cost for the course plus books and fees. For Colebrook Academy & Elementary School students this could include an online course or an in-person course over the summer.

Dual Enrollment:

Students have the option of taking certain courses for high school and college credit, concurrently. Upon successful completion of a dual enrollment course, students will be awarded high school credit that will appear on the high school transcript, as well as college credit that will appear on a transcript provided by the participating college that is awarding the credit. The benefits of taking dual enrollment courses are to allow students to experience a college level course while in high school and to reduce the time and cost of earning a college degree. Taking college courses while in high school also provides an advantage over other students applying for competitive programs.

Vermont’s Dual Enrollment (DE) Program: This is a Vermont statewide program for high school students, juniors and seniors, to access up to two college courses with tuition fully reimbursed through a voucher system approved by their high schools. A voucher only covers the cost of tuition (up to four credits). Students are responsible for the Comprehensive Fee and, if applicable, specific lab/studio/program fees. For Vermont students attending Colebrook Academy & Elementary School these courses would likely be completed online. Many colleges and universities throughout the state participate; however, only a few offer DE courses online.

Estart: The Start program is a NH program that is similar to the RS program in that it enables high school students to take community college courses for dual high school AND college credit. Courses offered through the eStart program, however, are 100% online college courses. Students submit registration materials to college registrar offices prior to the college semester beginning and the course ends when the college semester concludes. Only the final course grade is recorded on the transcript. Students can take courses from Southern New Hampshire University, White Mountain Community College, New Hampshire Technical Institute. The cost of these courses is also \$150 and STEM courses are eligible for scholarship.

Vermont Early College: Through the Flexible Pathways Initiative, Vermont's Early College Program (ECP) has made funds available to students accepted into full-time programs that are developed and operated by one of the Vermont State Colleges or an accredited private postsecondary school located in Vermont, and that are approved for operation by the Secretary of Education.

To be eligible, the student must be a Vermont resident and high school senior who is enrolled in a school that is publicly funded. Students must get approval for their participation from their high school Principal or designee in order to assure that the student is academically ready for college courses and to ensure that the high school graduation requirements will be met through college courses.

Students participating in Vermont’s Early College could live on a campus. The family would be responsible for room and board. They could also engage in the year entirely online.

Currently the following VT colleges and Universities participate in the Early College Program: Castleton University, Community College of Vermont, Northern Vermont University – Lyndon, Northern Vermont University – Johnson, Norwich and Vermont Technical College.

Extended Learning Opportunities (E.L.O)

ELOs provide multiple ways for students to learn outside of the classroom and achieve credit toward high school graduation. These personalized learning opportunities are founded on student interest and need, are planned in advance, and can include rigorous content. They offer authentic opportunities for students to collaborate with high qualified teachers and/or community partners to demonstrate competencies outside of a traditional classroom.

ELOs are learning experiences or opportunities, including but not limited to:

- | | |
|-----------------------------------------|-------------------|
| Licensed Nursing Assistant (LNA) course | Independent Study |
| Work Based Learning | Internship |
| Job Shadow | Mentoring |
| School Aide | Other |

School to Work

School-to-Work is an elective offered to only Juniors and Seniors during FLEX period; the last period of the day. Taking advantage of this wonderful opportunity will allow students to receive a hands-on learning experience in a field of interest to them. Students will develop the work skills, abilities and knowledge necessary to make career decisions. All students will complete a bi-weekly document about their school-to-work experience. Students will be asked to give a short 5-10 minute presentation at the end of their experience as their final exam. School-to-Work students will be awarded 0.5 credit for 67.5 hours completed at their site and 1 credit for 135 hours completed. Please refer to the course description for more information regarding School-to-Work, including approved sites.

GRADUATION CEREMONY

Every student who meets the requirements for either a Colebrook Academy (27-credit) diploma, State of N.H. (20-credit) diploma, certificate of attendance or certificate of completion shall be eligible to participate in only one CAES graduation ceremony. A student's year of graduation determines the ceremony in which he/she will participate in.

Valedictorian and Salutatorian Recognition

In order to be eligible for Valedictorian or Salutatorian, a student must complete a minimum of three years at Colebrook Academy & Elementary School (named Colebrook Academy in 2018-2019 and years before). The Valedictorian is the student who has the highest overall weighted GPA in the graduating class and the Salutatorian is the student who has the second highest overall weighted GPA in the graduating class. In cases where the GPAs are similar, the weighted GPA to 1/10 will be considered and co honors awarded. **THE VALEDICTORIAN AND SALUTATORIAN, AS WELL AS THOSE WHO WILL WEAR HONOR STOLES AT COMMENCEMENT, IS DETERMINED DURING QUARTER #4, TYPICALLY IN MID-MAY.**

Participation in the Graduation Ceremony

To participate in the graduation ceremony, a student must complete all of the requirements for graduation by the last scheduled day of classes (usually one week prior to the graduation ceremony). Students who need to complete work beyond this date may graduate by the end of the school year or through participation in an approved administrative alternative program but will not be eligible to participate in the graduation ceremony.

Early Graduation

In most cases, students will receive the greatest benefit from attending high school for a full four years. However, many senior students will complete basic requirements for graduation prior to the final semester of their senior year. The school has made provisions for possible early completion of graduation requirements in a few of these cases - no physical attendance expected in the second semester and the diploma still distributed in June. Students and their families should think carefully before making requests for early completion. As the master schedule is developed each year, some courses taught in high school in both the vocational and academic areas are offered only in the second semester. Missing these courses may leave the student without some of the important skills needed for a job or further education. Furthermore, many of the most satisfying personal and

social experiences attained by a student during his school life occur during the final months of their senior year. Sometimes, students graduating early feel left out of many of these rewarding and worthwhile experiences. Lastly, when applying for secondary education, colleges will look closely at a student's high school transcript to determine if the rigor of coursework and total number of credits in various subject areas meets their standards for admission.

The following three items qualify a student to be considered for early completion:

1. To permit students to begin advanced formal education.
2. To permit students to enter into apprenticeships, on-the-job training programs, and training programs in the armed services of the United States.
3. To permit students to aid themselves or their family during true personal or financial needs. This would include financing an education if, and only if, true financial need exists.

Ultimately, if the decision is to complete graduation requirements early, this request should be made to the school counselor during the course request process of a student's junior year. A form approving the request must be signed by the student's guardian and returned to the Principal for approval.

TRANSFER INFORMATION

High school schedules and course offerings vary from high school to high school and from state to state. Parents and students are cautioned that it may not be possible to transfer all credits for courses in progress from one school to another if the student transfers during the middle of a school year. The difficulty transferring credit increases if the move occurs during the semester.

Students transferring into or out of the SAU 7 School District must begin the process with the school counseling department. For students transferring into the district, the director of school counseling will review the transcript(s) from the transferring school(s) and discuss the best way to fulfill Colebrook's graduation requirements.

The school counselor will look at the incoming student's transcript and will transfer all courses taken and credits earned onto a Colebrook Academy transcript. The school counselor will continue adding to this transcript as the student completes courses at Colebrook. The student's information will also be entered into the computer so that all transfer students will have a grade point average and can be ranked appropriately with other members of their class.

If a student transfers from a school having a different credit system, the school counselor and principal will determine the number of appropriate credits for each course passed. The grade point average and rank will then be determined. Every effort will be made by the receiving high school to evaluate a student's transcript and move the student into the schedule with minimal disruption to the student's plan of study.

The New Hampshire Code of Administrative Rules (Ed. 306.27) requires that each student earn at least 20 credits in order to receive a high school diploma. Ed. 306.27 further requires that each credit shall represent between 135 hours and 150 hours of instructional time. The Colebrook Academy and Elementary School requires these subjects and credits (at a minimum) for graduation from Colebrook Academy:

- English, 4 credits (students must take and pass: 1 credit in Intro to Literature, 1 credit in British Literature, 1 credit in American Literature, 1.0 credit in Survey of Literature)

- Mathematics, 4 credits (students must take and pass: 1 credit must be in Algebra I and an additional 3 credits)
- Science, 2 credits (students must take and pass: 1 credit in Physical Science and 1 credit in Biology)
- Social Studies, 2.5 credits (students must take and pass: 0.5 credit in World History/Geography, 1 credit in U.S./NH History, 0.5 credit in Civics & 0.5 credit in Economics)
- S.T.E.M. (Information & Communications Technology), 0.5 credits
- Physical Education, 1 credit
- Health, 0.5 credit
- Personal Finance, 0.5 credit
- Community Service 0.5 credit
- Fine Arts, 0.5 credit (can be in Art, Concert Band or Chorus)
- Electives, 9 credits

In cases where either or both the credit and content elements are in question, Colebrook Academy will require that the final exam for the course in question be taken and the minimum passing grade of 65 be obtained before credit is granted.

Transfer Students and State Requirements

When students transfer late into their junior or senior years, and they meet the prospective diploma requirements to earn a school diploma but are unable to realistically schedule all of the state mandated subjects, a waiver from the school principal and director of school counseling may be granted.

Transfer Credit

Students transferring from accredited high schools from N.H. or other states will be given full credit for courses successfully completed at those schools. Students transferring from a home study program will be given full credit for courses that are successfully completed within a program accredited through any of the six national accrediting agencies. Students transferring from a non-accredited high school or home study program must schedule a meeting with the principal and director of school counseling to submit examples of work completed and how work is evaluated to determine if credit will be awarded.

For the purposes of G.P.A., class ranking or honor roll status, grades transferred from accredited public or private high schools and from an accredited home study program will be weighted only if the sending school assigned weight. Otherwise, all transfer courses will be non-weighted and factored into a student's cumulative G.P.A.

Every effort will be made to align transfer credits with the CAES program of studies. However, in order to receive a CAES diploma, students must meet the CAES requirements as outlined in this document, particularly with regard to the requirements for English, Math, Science, Social Studies, and Physical Education.

Students who transfer to our school at the end of a complete school year are most easily accommodated. Students who transfer during the school year without a significant interval between the time they left their previous school and the time they enroll here are generally able to obtain a path to graduation with their class. However, students and parents/guardians should be aware that a transfer occurring after a significant interval

between the time students left their previous school and the time they enroll here are subject to receiving partial credit that will require some form of remediation in order to graduate with their class.

C.T.E. Credit

Students who attend the C.T.E. Program at North Point CTE or North Woods could receive credit toward CAES graduation requirements. This process recognizes the learning and skills students accomplish in rigorous state-approved C.T.E. curriculum. Awarding credit for courses that are aligned with CAES's programs will be reviewed and considered and the final determination will come from administration. The Program of Studies must indicate that the credit can be used towards a certain discipline to apply toward CAES graduation requirements. Granting of C.T.E. credit requires successful completion of the individual C.T.E. course.

Registration requirements for Transfer Students

Colebrook Academy and Elementary School course recommendations are based upon evidence of normal progress and achievement in the student's previous school. Incoming freshmen are required to submit evidence of satisfactory completion of the 8th grade. Transcripts of credits earned and grade placement are required from the previous school for all students transferring from other secondary schools. If credit is awarded for high school credit, a policy or school documentation must be provided. Parents of a transfer student must present a birth certificate for the student at the time of registration. A student's grade point average previously earned at a high school other than a high school in the SAU 7 school district, will be recalculated based on the grade point average processes currently used in our district. Transfer courses, grades earned and grade point average will appear on our high school transcript as they are titled on the sending school's transcript and will be indicated as transfer coursework with a "TR" preceding the course name. If the previous school assigned letter grades, we will use their key to assign numerical grades on the Colebrook Academy transcript. If no key is available, these courses will be recorded as "Pass" or "Fail." Transfer courses from schools outside of the U.S. may receive credit, but grades will be reflected as "Pass" or Fail." A record of a health examination and immunizations is required by law for all incoming students. Students will not be allowed to attend school if this state requirement is not met. Any new student transferring to CAES must provide a physical examination that is less than one year old and all immunizations must be up to date.

Residency

Pursuant to SAU 7 School District policy, every family must provide acceptable evidence of residency. If biological parents are no longer together, proof of a parenting plan must be provided so we can establish residency.

Such evidence may include:

- A copy of a residential lease or proof of ownership of a house, such as a deed or mortgage statement.

- A statement by a third-party landlord, owner or tenant from whom the parent is in lease with whom they share property within the district, which must be sworn.
- Such other statement by a third party establishing the parent(s) or person(s) in parental relation's physical presence in the district; and/or
- Other forms of documentation, which may include, but will not be limited to:
 - Pay stub
 - Utility or other bill
 - Official driver's license
 - State or other government issued identification
 - Documents issued by federal, state or local agencies
 - Evidence of custody of the child, including but not limited to, judicial custody orders or guardianship papers.

HOMESCHOOLING

Students who receive home instruction will not have grades entered on their permanent records. When they enroll, "home schooling" will be written in the grade and attendance section of the records. Courses will be listed and credits will be recorded by marking "P" or "F."

If there is any question about the accreditation of a school that the student has attended, the parent/student has the responsibility of furnishing the SAU 7 School District with documentation verifying the state or regional accreditation of that school.

The maximum number of credits that will be accepted for each year of homeschooling cannot exceed eight credits.

The G.P.A. for a former home-schooled student or a student from a non-accredited school will not be computed because it will only show pass or fail grades.

A student must attend accredited public or private schools consistently for four consecutive semesters to be eligible for class ranking or honors graduation. Summer school may not be substituted for a regular semester.

It is the sole responsibility of the school district to determine the method by which credits are earned in order to receive a high school diploma. There is no requirement that the school honor the credits from home schooling experience.

Grade Placement

CAES will honor home education programs conducted according to N.H.R.S.A. 193-A. All home educated students who wish to enter CAES must present appropriate information to the director of school counseling demonstrating educational proficiency to be placed in an appropriate grade. The director of school counseling will make a final determination based on consultation with the building principal.

All information will be reviewed to determine appropriate grade level and may require additional evaluation by standardized achievement tests and/or examinations given by individual academic departments.

Transfer Credits

Transfer credits will be accepted if the approved home education program issues an official transcript denoting the grade and credits awarded and CAES approves of the school. If a student transfers to Colebrook and has passed courses from a home education program that has not been approved by Colebrook, Colebrook reserves the right to review the work completed by the student to assure compliance with the State of N.H. and CAES standards. Colebrook also reserves the right to test students in any subject area for the purposes of awarding credits, determining class status, and/or courses and level placement. All correspondence courses for which Colebrook has agreed to award credit will appear as a grade of Pass (P) on the student's transcript. Credits from courses taken from a non-approved home education program are awarded at the discretion of the director of school counseling. Home educated students are not subject to the two alternative credit limits per year for courses taken during the home education program.

Graduation Requirements

To receive a diploma, a student shall be in attendance at CAES one full semester immediately preceding graduation in addition to meeting the diploma requirements. In cases where this requirement creates an undue hardship for a student transferring to or from a N.H. nonpublic school or from an out-of-state school and wishing to receive a N.H. school diploma, the principal may waive the one full semester attendance requirement. Exceptions shall be made for a student with disabilities in a state-approved nonpublic program.

- All students must meet all graduation requirements established by the N.H. Department of Education and the CAES School Board.
- The district retains the right to determine grade level placement and whether or not to accept credits earned from a student's previous educational setting.
- Home educated students will not be eligible for inclusion in class standing at graduation.
- The CAES counseling department will assist home-educated students in course selection and college placement provided the student attends CAES on a part-time or full time basis.

SPORTS AND CLUBS

New Hampshire Interscholastic Athletic Association



Colebrook Academy is a member of the New Hampshire Interscholastic Athletic

Association. Since, the NHIAA has organized, supervised, and coordinated state-wide athletic programs. The 88 member schools of the NHIAA offer students opportunities to take part in athletic competition in an ever-evolving roster of sports, including the 8 that are available to students at Colebrook. The NHIAA is also the sponsor of the "Life of an Athlete" program that seeks to help student-athletes statewide understand the effect of drugs and alcohol on their athletic performance and lives away from practice and competition. *The mission of the New Hampshire Interscholastic Athletic Association, as the leader of high school athletics, is to ensure fair play in competition and equal opportunity in interscholastic opportunities.*

Clubs and Activities

Key Club

Gay Straight Alliance (GSA)

Homecoming

National Honor Society

Student Council

Winter Carnival

Yearbook

Future Business Leaders of America (FBLA)

World Language Club

CA Technology Student Association

Public Speaking/Speech Club

Sports

Varsity Soccer

Middle School Soccer

Varsity Basketball

Middle School Basketball

Varsity Baseball

Middle School Baseball

Varsity Softball

Middle School Softball

CAES JUNIOR HIGH

Important Information



Criteria to be considered for National Junior Honor Society

Article VI: Selection of Members

Section 1: To be eligible for membership the candidate must be enrolled as a member of 8th grade or second semester 7th grade classes.

Section 2: Candidates must have a cumulative scholastic average of 87 or above. Candidates shall then be evaluated on the basis of service, leadership, character, and citizenship.

Section 3: A description of the selection procedure shall be published in an official school publication which is widely available, in a timely fashion, to all students and parents of the school. The selection procedure shall be determined by the faculty council and shall be consistent with the rules and regulations of the National Junior Honor Society.

Section 4: The National Council and the NASSP shall not review the judgment of the faculty council regarding selection of individual members to local chapters.

Middle School Exploratory Classes

Students in grades 6 - 8 in addition to the normal core classes will have the option to choose exploratory electives each quarter. These electives may include such classes as stem, family and consumer science, Spanish, gym, health, library, art etc. In one school year, they must take 4 different exploratory classes. This is to ensure that they are exposed to a variety of different electives and possible paths of interest.

Honor Roll Qualifications

Honor Roll will be calculated each semester, when courses are completed.

In order to be eligible for the honor roll, *a student must have a numerical grade for at least four classes.* As noted in the “Grading Scale” section, pass/fail courses, incomplete grades and online courses without grades will not be counted.

All grades must be an average of 85 or above with no grade lower than an 80 to be named on the honor roll. For High Honors, all grades must be an average of 93 with no grade lower than an 87.

COLLEGES AND FINANCIAL AID OPTIONS



Post-Secondary Education

In today's world, having a high school diploma is often not enough for many occupations. Different kinds of work require different kinds of training. Employers want to hire the most qualified people available, but this does not mean that they always choose those applicants with the most education. The type of education and training you receive is just as important as how much. You are at the point in your life where you can choose how much and what kind of education you want to pursue. For some, you may not know which field of work you want to pursue. You do know that you want a job that will give you security and a paycheck. Maybe you know what you want to do, but you are not sure what kind of education you will need; you may love fixing cars and the idea of being an auto mechanic sounds like it is right for you. Do you then learn on the job, attend a two-year program, seek an apprenticeship or pursue a combination of these to fulfill your dream? Regardless of how unsure you may be about what you want to do after high school, there are things you need to know if you are going to pursue post-secondary education. Requirements vary from school to school. Students and parents are advised to review college websites for particular admission requirements.

The philosophies of education, specific course requirements, and other qualifications for acceptance vary among the nation's colleges and universities. All, however, recognize the desirability of a broad education with a strong foundation in the traditional solid academic subjects. You are evaluated for admission not only in terms of grades achieved, but also with respect to the strength of the academic programs undertaken. You are encouraged to take the strongest possible academic program available within your personal limitations during all four years of high school. A rigorous secondary school preparation remains the best means by which you can be assured of maximizing the benefits to be derived from a challenging college education. It is the mission of CAES that we will encourage you to keep doors wide open for all possibilities and we believe you can be the best you can be.

Post-Secondary Institutions Attended

Arizona State University	Curry College	Johnson and Wales University	Philadelphia University
Bob Jones University	Empire Beauty School	Lakes region community college	Plymouth State
University of Pennsylvania	Franklin Pierce University	Lansing Community College	SNHU
Champlain College	Gordon College	Lincoln Technical Institute	Southern Virginia University
Coastal Carolina University	Great Bay Community College	NHTI	St. Louis University
Colby Sawyer College	Husson University	Otis College of Art & Design	Tallahassee Community College
University of Maine - Farmington	UNH	University of Oregon	WMCC

University of Maine - Orono	University of Rochester	University of Wisconsin	Wyoming Technical Institute
University of New England	University of Southern Maine	West Virginia University	West Point

Admissions Requirements

Note: Standards and admission policies vary from school to school. Therefore, students and parents are advised to review college websites for specific entrance requirements.

Highly Competitive Colleges/Universities

4 yrs. English (writing & literature)

4 yrs. Math (Math 1; Math 2; R.S. Precalculus; R.S. Statistics; R.S. or A.P. Calculus)

4 yrs. Science (Biology; Chemistry; Physics, R.S. Anatomy and Physiology, A.P. Biology)

3-4 yrs. Foreign Language (1 language) (French I, II, III, IV)

3 yrs. Social Studies

1-2 yrs. Fine Arts

1-2 yrs. Computer Education

Advanced Placement Courses (recommended) (Running Start and Honors classes)

Four-Year Nursing & Allied Health Programs

4 yrs. English

3-4 yrs. Math (Math 1; Math 2; Math 3 or R.S. Precalculus or R.S. Statistics)

3 yrs. Science (Biology; Chemistry; Physics, R.S. Anatomy and Physiology, A.P. Biology)

2 yrs. Foreign Language (1 language)

3 yrs. Social Studies (Psychology)

1-2 yrs. Health Science (recommended) (at B.H.S.) School-to-Career

Two-Year Vocational/Technology Programs

4 yrs. English

3 yrs. Math (Math 1; Math 2; Personal Finance)

2-3 yrs. Science

3 yrs. Social Studies

2 yrs. Related Technology courses

Four-Year Business Programs

4 yrs. English

4 yrs. Math (Math 1; Math 2; R.S. Precalculus; R.S. Statistics)

2-3 yrs. Science

2-3 yrs. Foreign Language (1 language)

3 yrs. Social Studies

Related Business Courses (accounting; computer)

Most Four-Year Colleges

4 yrs. English (writing & literature)
3-4 yrs. Math (Math 1; Math 2; Math 3 or R.S. Precalculus or R.S. Statistics)
2-3 yrs. Science (Biology; Chemistry; Physics; Integrated Science)
2-3 yrs. Foreign Language (1 language)
3 yrs. Social Studies
1-2 yrs. Fine Arts 1-2 yrs.
Computer Education

Four-Year Engineering & Science Programs

4 yrs. English
4 yrs. Math (Math 1; Math 2; Math 3 or R.S. Precalculus; R.S. Calculus or A.P. Calculus)
2-3 yrs. Science (Biology; Chemistry; Physics)
2-3 yrs. Foreign Language (1 language)
3 yrs. Social Studies
1 yr. Computer Education
Related Engineering Courses (drafting) (at B.H.S.)
School-to-Career

Two-Year Technical Institutes

4 yrs. English
4 yrs. Math (Math 1; Math 2; Personal Finance; Intro. to Statistics)
2-3 yrs. Science
3 yrs. Social Studies
Related Technology Courses

Two-Year Community Colleges & Business Schools

4 yrs. English
3 yrs. Math (Math 1; Math 2; Personal Finance)
2 yrs. Science
2 yrs. Foreign Language (recommended for Liberal Arts transfer programs)
3 yrs. Social Studies
Related Technology Courses (computer, accounting)

What Are Colleges Looking For?

The following are key factors in colleges making an admission decision:

1. Courses taken in high school – level you challenged yourself
2. Grades received
3. Rank in class
4. Teacher and counselor recommendations
5. S.A.T. scores
6. Extracurricular activities

Non-academic factors: Admissions committees place considerable emphasis upon the quality of participation in extracurricular activities and look favorably upon applicants who have demonstrated leadership capabilities. Signs of independence and maturity are valued. A student's work experience can be a plus in the admissions

process. Personality, character, motivation, special talents, and life experiences are other factors taken into consideration. The college website is the best source of current and accurate information.

Steps Towards College

Eighth Grade - Spring

- Study the high school courses available.
- Select the career pathway that you would like to pursue at this time. Fill out the form to indicate your selection so Ms. Lemoine can chart out your four year-plan. You will be able to change your mind if that should occur.
- Listen carefully as counselors discuss high school classes, keeping in mind future plans for college and/or career.
- College information can be accessed through their websites
- Continue your college and career search. It is better to be well prepared.

Freshman Year - Fall

- Focus on the importance of high school and make good academic decisions
- Become familiar with careers that relate to your abilities and interests
- Get involved in extracurricular activities sponsored by your school or community. Make note of time involved, leadership roles, and activities.
- Begin a high school resume listing all of your activities, awards, honors, and leadership roles
- Be responsible for your education. Make sure your academic grades reflect your true ability and efforts. Take courses at the most challenging level you can.
- Talk with your parents about planning for college costs
- Get to know your high school counselor. She will be writing your letter of recommendation for college/scholarships, and programs
- Discuss career interests and postsecondary education possibilities with your parents and school counselor
- Investigate career information in areas that interest you and match your abilities

Freshman Year - Spring

- Recommend you take the PSAT 8/9 exam (the more practice you have prior to the SAT, the better)
- Adjust your four-year plan as necessary and make informed course selections for your sophomore year
- Continue to research careers, majors, and colleges and visit college campuses when you have the opportunity
- If you are interested in the fine arts, start researching portfolio requirements of perspective colleges and start building your portfolio

Sophomore Year - Fall

- Continue to focus on the importance of high school and make good academic decisions
- Visit college websites and even college campuses when you get the opportunity
- Do your best on the PSAT 10 exam
- Be responsible for your education. Make sure your academic grades reflect your true ability and efforts. Take courses at the most challenging level you can.
- Continue to talk with your parents about planning for college costs.
- Get involved in activities outside the classroom. Work toward leadership positions in activities you like best.

- Keep meeting with your counselor-establish a good connection.
- Continue to research careers, majors, and colleges
- Consider a career-related part-time job or community service

Sophomore Year - Spring

- Continue to monitor college/work and/or technical training entrance requirements for changes. Modify your four-year plan if things change. Be flexible and proactive.
- Continue to research careers, majors, and colleges and the requirements of each by visiting the institutions websites. Begin to narrow down choices.
- Start visiting a few college campuses if presented with the opportunity
- Start looking at scholarship and financial aid options for when you are a senior
- Meet with your counselor

Junior Year - Fall

- Start narrowing your college/technical school/career choices.
- If interested in a military career, be sure to visit with local recruiters with your parents and/or get information about starting the military academy application process.
- Do your best on the PSAT in October. This is the qualifying test for National Merit Semifinalists.
- Continue to visit college and/or technical school campuses. Begin to focus on what you are really looking for in a post-secondary experience
- Speak to college representatives who visit your high school
- Continue to focus on the importance of high school and make good academic decisions
- Register for and take appropriate AP exams
- Be responsible for your education. Make sure your academic grades reflect your true ability and efforts. Take courses at the most challenging level you can handle.
- Continue to research colleges, requirements, tuition and fees, other costs, student activities, course offerings, financial aid, et. for any institutions in which you are interested.
- Continue to meet with your counselor as the next two years you will need to work together often.

Junior Year - Spring

- Continue to conference with your counselor to make sure you are on track for graduate
- Update your 4-year plan if needed
- Take the SAT (in March/April – state testing), ACT or Subject tests as required for college admission
- Continue to take difficult courses in your senior year. Do not plan to slack off.
- Begin looking at college essay topics
- Stay involved with your extracurricular activities
- Visit campuses of these institutions in which you are interested
- Continue to research information about colleges, careers and majors.
- If you are interested in the military, be sure to take the Armed Services Vocational Aptitude Battery (A.S.V.A.B.) which is usually given in February to all juniors
- Get Capstone projects approved
- If you are seeking appointment to one of the military academies, make sure your file is current with the persons or organizations from which you are seeking a nomination. This is a very involved process; see Mrs. Cloutier as soon as possible.

Junior Year – Summer

- Visit more college campuses
- Attend summer programs, pre-college courses, work, or participate in volunteer experiences

- Start thinking about college essays
- Start thinking about who you will ask for letters of recommendation
- Meet with Mrs. Cloutier to begin senior college appointments

Senior Year - Fall

- Be responsible for your own education. Make sure your academic grades reflect your true abilities and efforts. Take courses at the most challenging level you can.
- Take the SAT exam again if necessary and SAT Subject Tests, if required by your college
- Register to take the AP exams that will be held in the spring
- Complete school-to-school internships in the fall
- If you are requesting college admission on an Early Action Notification basis, be sure that your application materials are submitted to Mrs. Cloutier and that you meet weekly with her to meet the early deadline
- Visit the schools you are considering to observe the school in session and to confirm your top choices. Make arrangements in advance for a personal interview with an admission counselor, financial aid administrator, and a professor in the academic department representing your intended major.
- Perfect college essays
- Make final decisions about institutions to which you will apply. Begin the application process early, paying close attention to deadlines. Expect to have all materials completed by late October to meet early November deadlines.
- Mrs. Cloutier will work with you to sign up for the common application and will help guide you through the process
- Track your college applications through common application
- Ask for letters of recommendation in a timely manner. Typically we reach out to teachers and Mrs. Cloutier during the summer to give them ample time to write a letter that will showcase you in the best way possible
- Observe housing and financial aid deadlines
- Request and track transcripts.
- Apply for all the scholarships you can
- Attend the financial aid night. Complete the free FAFSA application. Look into whether you need to fill the CSS Profile through College Board.
- Pay close attention to audition and portfolio requirement deadlines which may differ from actual application deadlines

Senior Year - Spring

- Continue to complete and submit scholarship applications
- Take the AP exams
- Do not let down during the last semester. You still have to send a final transcript.
- Apply for scholarships
- If the schools to which you are applying require additional financial aid information, or copies of your family income tax returns for verification, submit them promptly.
- Review your financial aid award letters from the various schools to which you have been accepted. Be sure that you understand the terms and conditions that accompany each kind of aid. Please make sure to provide copies to Mrs. Cloutier for her files.
- Make your final decision about which college you will attend. Notify the school in writing by the appropriate deadline, usually May 1. Decline other offers of admission in writing.

- Sign your financial aid award letter and any other items requiring your signature and return them. Schedule an appointment with the financial aid administrator of the school if you have questions or wish to discuss the contents of the award letter.
- Arrange with the school for housing and meal plan, if necessary.
- Find out when payment of school charges for tuition fees, room and board, and so on will actually be due, and plan how you will meet those charges. Be sure you understand how financial aid will be disbursed, and whether you can defer bill payment until the funds are available.
- Graduate! Congratulations!

This is intended to encourage you to think about your future. Always seek out information from parents, teachers, and counselors. Ask questions, it is your future!

Choosing the Right School for You

Types of Schools

A **liberal arts college** offers a broad base of courses in the liberal arts - literature, philosophy, history, languages, mathematics, humanities, and social and natural sciences. They typically offer four-year programs that lead to a bachelor's degree; students usually take courses in a range of subjects during their first two years and then choose a major. These colleges prepare you for a variety of careers, as well as for graduate work in many fields, including professions such as law, medicine, and business.

A **university** is generally larger and offers more majors and degree options than other types of colleges. Most universities contain several smaller colleges; for example, colleges of agriculture, teaching, and liberal arts. At a university, you can prepare for many types of careers or for further study in graduate school.

Four-year colleges and universities offer bachelor's degrees in many fields of study. Many also offer graduate programs with opportunities to earn a master's degree, doctorate, or professional degree. Public colleges and universities are subsidized by tax money from the state in which they are located and are generally less expensive than private colleges. However, the low rates are normally available only to residents of the state. Out-of-staters, or non-residents, usually pay higher rates. They also may have limited financial aid funds for students.

Private 4-year colleges and universities are funded primarily by organizational endowments, tuition, alumni contributions and other funding outside of government agencies and taxpayer funds. The cost of attending private colleges and universities is usually much higher than public colleges and universities. Although tuition may cost more, do not count these private college and universities out - they tend to offer more financial aid and scholarships than public institutions.

There are many **colleges and conservatories** that focus on the arts. In addition to regular course work, these colleges provide training in, for example, photography, music, theater or fashion design. Most of these colleges offer associate or bachelor's degrees in fine arts or a specialized field.

Two-year community colleges are the most common type of two-year College. These colleges prepare you to continue your education or to enter the workforce immediately. They offer associate degrees that get you ready to transfer to a four-year college and earn a bachelor's degree, and other types of associate degrees and certificates on career readiness. Community colleges are often an affordable and convenient option. Many students can also save money by living at home.

Factors to Consider When Choosing a School

Cost and Financial Support

How much can your family afford to spend on college? If a school interests you, explore all financial aid opportunities and resources available to you, then wait to see what the financial aid packet may look like before deciding whether it's too expensive or not. What a school costs and what you actually pay may be two different things. What you can afford to pay will be a critical factor in deciding which school to attend.

Admissions Selectivity

How competitive is the school? What percent of applicants are admitted? What are the grade point averages and S.A.T./A.C.T. scores of those admitted? How do your scores compare? There's nothing wrong with having one or two schools on your list that are a little bit of a reach, but most schools on your list should be within your reach.

Location

Where is this school located? Is it close enough or far enough away from home? If far away, how expensive will it be to fly back and forth? Do you want to be in or near a big city? Or do you prefer a suburban campus lined with trees and green grass? Do you want to be close to home or do you prefer to venture out and claim your independence? What is the weather like? Is the campus beautiful or unattractive?

Campus Culture

What is the academic atmosphere like? High stress, supportive, laid back? What is the social atmosphere like? Lots of partying, friendly and sociable, quiet and subdued?

Student Body and Diversity

What is the composition of the student body? Is the campus ethnically diverse or homogeneous? Do the students come from a variety of socioeconomic backgrounds? Do they come from different states, different countries? The composition of the student body will tell you a little about who you will meet and learn from, who has the potential to be a lifelong friend or professional contact. Your education goes far beyond the courses you take. It also comes from your peers - so choose a student body you want to learn from and belong to.

Size

Consider how you might fit in a large school, medium-sized school, or small school. Which environment might best suit you or are you adaptable to different environments? Explore the pros and cons of different settings.

Programs of Study

What area of study do you think you might be interested in? Does the school have that major? Is the school strong in this area? Is it strong in other areas too, in case you decide to change your major? Investigate what the school has to offer. Fact: over half of all college students change their major at least once.

Keep these categories in mind:

- **Target Schools:** Most of your schools should fit into this category. You fit the profile of the average student they admit and you've got a good shot of getting in.
- **Reach Schools:** Your scores are a little lower (not too much) than the school's averages, but you feel you have a chance or the school only accepts a small percentage of applicants. Too many reaches on your list is a poor strategy.
- **Likely Schools:** Your scores are above the school's averages and you would have no problems getting in.

Campus Visit

Before the visit:

Call the college's admission office

Verify the times of campus tours and/or information sessions (these may be separate events).

Inquire about an appropriate arrival time to campus (time may be needed to complete forms before tours or appointments).

Schedule an appointment with an admissions representative. Ask if an interview is a required part of the application process. Schedule an appointment with other campus personnel (coaches, faculty, financial aid officers, etc.).

If classes are in session, arrange to attend a class. Inquire about staying overnight in a residence hall. Arrange to eat in the dining hall.

Prepare

Arrange to take a copy of your transcript and resume. While not required, these documents may prove to be helpful in conversations.

During the visit:

Take the tour

Observe the condition of all buildings/facilities. Are buildings in good condition? How “wired” are the residence halls for computer use? Are appropriate safety measures in place?

Ask questions: What do students do on the weekends? What are the most popular campus activities? What is the average class size in English, science, social sciences, etc.? What would be the one thing that the tour guide would change about the college?

Keep a sharp eye. Do the students seem friendly? Does it seem to be an academically “pressured” atmosphere or academically “laid-back?” What topics are advertised on student bulletin boards?

Be cautious that you do not form your opinion of a college based on how well you liked the tour guide. It is important to visit with many students to get a realistic impression of the student body personality and diversity.

Visit with an admission counselor

Admission counselors are a great source of information for you regarding an institution’s programs and the application process. Frequently, a specific admissions representative may be assigned to your high school and is familiar with your educational environment. Enjoy your opportunity to visit with this person and be sure to ask for a business card for your files.

Attend a class

Pay attention to class size, student-professor interaction, and student interaction. If possible, secure a class syllabus to review academic scope of course and class expectations.

Visit key student areas

Talk to students other than the tour guide. Ask them what their most favorite and least favorite aspect of the college is and why. Are there a large number of bikes on campus? Is there public transportation? Are there community service-based organizations?

Meet with the academic advisor/faculty member

If you have a specific program in mind, be sure to visit with someone in that area. Ask about available study opportunities, internships, and career placement. Ask what percentage of classes is taught by teaching assistants.

Stop by the financial aid office

Pick up information about the college's financial aid process. Ask for any scholarship materials. Make notes about important deadlines.

Visit a residence hall

If your tour did not include a stop at a residence hall, be sure to ask to see a room. Check out security features of dorm life. Ask about meal plans and food options. Inquire about roommate pairing procedures. Make a note of any housing deadlines. Ask about overnight visits

Some schools offer overnight visits. This is a great way to get an idea of what campus life might be like. The college will match you with a host student, allow you to participate in campus activities, eat in the dining halls, etc. Schools have limited availability for these visits, so call to get more information.

After the Visit:

Make notes

Be sure to record the name, title, phone number, and email address of campus staff and/or personnel with whom you talked.

Write down your impressions about the aspects of the college that you liked and make notes about your possible concerns.

Thank you notes

If a staff member was particularly helpful during your visit, you may want to send a thank you note to that person.

Additional thoughts

Don't let the weather influence your evaluation of a college. Sunny days and rainy days can both be misleading.

Understanding Financial Aid

The Free Application for Federal Student Aid (F.A.F.S.A.):

Why fill out the F.A.F.S.A.? This form is required for any student seeking federal and state financial aid, including grants and loans at all colleges in the country. Also, many scholarship programs require it. Filing date begins October 1st.

What is the process? The student and one parent must obtain a federal I.D. number.

Families must complete the F.A.F.S.A. annually to be considered for aid. The earlier you file the better to ensure full consideration for available funds. The purpose of

the F.A.F.S.A. is to determine your Expected Family Contribution (E.F.C.). E.F.C. is the amount of money the government determines that your family can contribute toward the cost of attending college. Cost of Attendance (C.O.A.) includes tuition, fees, books and supplies, living expenses, transportation, and personal costs.

How do they determine my financial need? The F.A.F.S.A. is just for processing your E.F.C. It is the individual college Financial Aid Office that determines your financial need. The financial aid administrator will use the following formula to determine your financial needs:

$$\begin{array}{r} \text{C.O.A. (cost of attendance)} \\ - \text{E.F.C. (expected family} \\ \text{contribution)} \\ \hline = \text{Financial} \\ \text{Need} \end{array}$$

Federal funds are awarded based on the F.A.F.S.A., available after October 1st by visiting www.fafsa.ed.gov

Note: Since cost of attendance varies from school to school, financial need will vary.

The C.S.S./Financial Aid Profile:

The Profile form is administered by the College Scholarship Service (C.S.S.), the financial aid division of the College Board, and is required by some schools (in addition to the F.A.F.S.A.). The C.S.S. Profile is used to determine your eligibility for non-government financial aid, such as the institution's own grants, loans and scholarships. File after October 1st.

Check to see if your college/program requires the C.S.S. Profile. Only file if the school is listed on their website. There is a substantial fee for each college.

You can file online at <https://cssprofile.collegeboard.org/>

Types of Financial Aid:

Scholarships and Grants: Referred to as “gift-aid;” they do not have to be repaid. Both merit-based and need-based aid are available, based on specific eligibility criteria. Student Loans: Must be paid back; vary in terms and conditions (i.e. subsidized vs. unsubsidized, interest rates, repayment terms, amount, etc.). Parent Loans: Parents of dependent students can take out loans to supplement their children's aid packages. The Federal Parent Loan for Undergraduate Students (P.L.U.S.) lets parents borrow money to cover any costs not already covered

by the student's financial aid package, up to the full cost of attendance. Parents may also choose to take out loans from private sources.
Work-Study: Work opportunities offered through the financial aid office at the college. Jobs are not guaranteed.

Financial Considerations:

Questions for students to ask themselves:

How much, if any, can my parents contribute to my college education?

Am I willing to take loans to finance my education? If so, how much would I be willing to borrow?

Does my anticipated major lead to careers that would make it feasible that I would be able to easily pay off a large loan? If not, do I want to take on a large loan?

Does it make financial and educational sense for me to go to a community college and then transfer to a 4-year institution?

Is living at home and attending a local college in my best interest (financially, educationally, and emotionally)?

Questions to ask prospective schools:

What type of financial aid is available?

What percentage of students receive financial aid?

What types of work/study jobs are available?

Are there jobs available in the greater community?

TESTING AND CAREER PLANNING



Standardized Testing Programs

Colebrook Academy and Elementary School students participate in some mandatory standardized testing programs described below. Many colleges and post-secondary schools also require that applicants to their programs take certain tests during the junior and senior years of high school. General guidelines follow, but it is important for students to check websites for requirements of all schools being considered.

Armed Services Vocational Aptitude Battery (ASVAB)

In grade 10 students will be able to take the Armed Services Vocational Aptitude Battery (A.S.V.A.B) by taking the exam with a representative from MEPS and Colebrook Academy. The task of selecting a career field and developing a plan to realize that goal is both challenging and complicated. This program is designed to help the student learn more about themselves and the world of work, to identify and explore potentially satisfying occupations, and develop an effective strategy to realize goals.

In grade 11 students who wish to pursue the military option, will take this exam again (either wish Colebrook Academy or through their recruiter) to determine which type of career they will pursue while in the military.

N.H Statewide Assessment System (SAS)

This is a Common Statewide assessment, which measures skills in Science for Grade 11 and is given in the spring. (Replaces NECAP Science)

Star Testing

Required for grades 9 & 10 - This assessment is used to determine the instructional level for students and to measure academic growth throughout the school year, and from year to year in the areas of language arts, reading, and math. STAR tests are computer-based and adapt to be appropriate for your child's level of learning. Each school year, students in grades 9 and 10 will take these assessments in the fall and spring. These formative assessments will provide important data to be used to deliver a more informed level of instruction for your child and his/her peers. More information regarding these assessments can be found at <https://www.renaissance.com>.

Preliminary Scholastic Aptitude Test / National Merit Scholarship Qualifying Test (PSAT / NMSQT)

Sponsored by The College Board, this is a test that measures critical reading, verbal reasoning, mathematical problem-solving and writing skills - those abilities shown to be important for successful academic performance in college. The test also serves as the qualifying exam for the National Merit Scholarship Corporation. Students who plan to take the PSAT/NMSQT will receive a full-length sample test to take for practice, complete with explanations of the kinds of questions asked, test-taking tips, and an answer sheet and instructions for scoring. After the test, students will receive their personalized score report that provides feedback and improvement suggestions based on the student's performance.

Why take the PSAT/NMSQT?

- **To practice for the SAT:** Because of the similar format, directions and question types, students who take the PSAT, on average, earn higher scores on the SAT than those who don't.
- **To earn scholarships and academic recognition:** Students who perform well may become eligible to enter the National Merit Scholarship competitions.

- **To begin the college search:** Students can voluntarily place their name in a pool of college-bound students interested in receiving admission and financial aid information from certified colleges.
- **To see how one's academic skills compare with those of other college-bound students.**
- **To get feedback on how to improve academic skills needed for the SAT and in college:** The PSAT "Score Report Plus" gives each student personalized feedback and clearly identifies academic skills that need improvement.

Who takes the PSAT/NMSQT?

_____ College-bound students should plan to take the PSAT/NMSQT in October of their junior year. Sophomore students are also encouraged to take the test, but their scores do not qualify for the National Merit Scholarship Program.

How long does the PSAT/NMSQT take?

_____ Two hours and forty-five minutes

Scholastic Aptitude Test (SAT)

The SAT, sponsored by The College Board, is a test measuring critical thinking, verbal reasoning, writing, and math problem-solving - those abilities shown to be important for successful academic performance in college.

- Most widely used admissions test among colleges and universities
- Tests students' knowledge of reading, writing, and mathematics
- Each section scored on a scale of 200-800, with two writing sub scores for multiple-choice questions and the essay.

Why take the SAT?

- **Some colleges and universities require this test as part of the consideration for acceptance. Those schools that have gone test optional may still be swayed by an impressive SAT performance.**
- **To see how one's skills compare with those of other college-bound students.**

Who takes the SAT?

_____ All juniors will take the SAT as part of the State Testing Program in the spring of their junior year. Students considering 4-year colleges should plan to take the SAT again in the fall of their senior year.

How does a student register for the SAT?

_____ For the SAT State testing program, all juniors will be registered through the state. The SAT is offered on specified Saturdays throughout the school year. Students may register online at www.collegeboard.org. Registration deadlines are generally 4-6 weeks prior to the testing date.

SAT School Day Test

The SAT is now required of all juniors by the New Hampshire Department of Education. The SAT School day test is paid for by the New Hampshire Department of Education and SAU 7. All juniors will take the SAT in the Spring.

SAT Fee-Waiver Service

- Students on free/reduced lunch are eligible for fee waivers.
- Fee waivers are distributed by Mrs. Cloutier. Please see her before the deadline.
- Waivers do not cover late registration fees.
- In order to get fee waivers for college applications, students must utilize fee waivers for the SAT tests.
- Students on free/reduced lunch receive up to four (4) additional flexible score reports

Score Reporting

- Colleges require official score reports be sent directly to them from the College Board.
- You receive four (4) free score reports when you register for the SAT. Scores are sent automatically to you and your chosen colleges and scholarship programs.
- Within nine (9) days of taking the test, you will be able to add, change or remove a college or a scholarship program from your score report recipient list.
- If you need more than four score reports, or if you do not take advantage of the free reports at registration, you will be charged a fee for each additional report.

Advanced Placement (AP)

Advanced Placement (AP) examinations, sponsored by The College Board, are three-hour exams based on a full-year, college-level course in high school. The exams are given once a year in May.

Who takes AP exams?

Students enrolled in Advanced Placement courses in high school will take the respective exam in May, near the completion of the course. Scores from the AP exams may be used in college credit and placement.

How does a student register for the AP exams?

_____ Students will need to complete registration through the school counselor's office.

American College Testing (ACT)

The A.C.T., sponsored by The American College Testing Program, is a test that measures developed reasoning skills in the context of acquired subject-matter expertise. The test is divided into four 35 - 50 minute tests in the area of English usage, mathematics, social science reading, and natural science readings.

- Accepted by all four-year colleges and universities in the U.S.
- Test includes four multiple-choice tests in English, Mathematics, reading and science plus a 30-minute writing test.

Why take the ACT?

- The scores from the ACT are used as possible determining factors in admission decisions. Colleges may accept the ACT in lieu of the SAT.
- **To see how one's academic skills compare with those of other college-bound students.**

Who takes the ACT?

_____Students considering attending 4-year colleges may take the ACT in lieu of the SAT if their potential college accepts it, although students in the northeast region of the country generally take the SAT. It is important to confer with your guidance counselor to determine the appropriate testing option, as each individual student's academic profile is different.

How does a student register for the ACT?

_____The ACT is offered on specified Saturdays throughout the school year. Students may register online at www.actstudent.org. Registration deadlines are generally 4-6 weeks prior to the testing date. Colebrook Academy is a testing site but requires a minimum of 32 registered students to offer a session.

Our high school C.E.E.B number is 300100. This code is needed when registering for the ACT examination and when applying to all colleges.

Score Reporting

- Colleges require official score reports sent from ACT
- Remember to take advantage of your four (4) free score reports when you register for the ACT. Scores are sent automatically to you and your chosen colleges and scholarship programs.
- If you need more than four score reports, or if you do not take advantage of the free reports at registration, you will be charged a fee for each additional report.

A.C.T VS. S.A.T: KEY DIFFERENCES

Which test is a better fit for you? If you're not sure, consider taking both tests to determine your best performance. Some students find that the ACT caters to their strengths more so than the SAT and vice versa. Colleges will accept either test.

S.A.T	VS.	A.C.T
Reasoning (aptitude) test	Type of Test	Content-based (achievement) test
Critical Reading, Math, Writing	Test Format	English, Math, Reading, Science, Writing (optional)
Reading, Vocabulary, Grammar & Usage, Writing, and Math	Content Covered	Grammar & Usage, Math, Reading, Science Reasoning, and Writing (optional)
Questions can be phrased in ways that make them difficult to decipher	Test Style	Straightforward, questions may be long but are usually less difficult to decipher
Scores in each section will range between a 200-800; total SAT	Scoring	Scores in each section will range between 1-36. Composite ACT

score ranges between 600 - 2400		score is the average of your scores on the four sections; ranges between 1-36
Yes- you lose an extra $\frac{1}{4}$ of a point for incorrect answers (except on the grid-in math questions)	Penalty for Wrong Answers?	No- you do not lose points for incorrect answers
Yes- you can choose which set of SAT scores to submit to colleges	Score Choice?	Yes-you can choose which set of ACT scores to submit to colleges
Questions increase in difficulty level as you move through that question type in a section (except reading passage questions, which progress chronologically through the passage)	Difficulty Levels	Difficulty level of the questions is random
Seven times per year: August, October, November, December, March, May, June	Offered When?	Seven times per year: September, October, December, February, April, June, July

CAREER PLANNING

STEP 1

Decide what you want from a job/career. Ask yourself:

1. What is most important to me - making money, having a steady job, being my own boss, or helping others?
2. Do I want to work indoors or outdoors? Do I want to work with people or do I want to work with machines? Do I enjoy working with ideas or do I want to work in a production line?

STEP 2

Identify careers related to your interests, abilities, and experiences. Ask yourself, “What are my greatest assets?” The assets that will have the greatest impact on your future choices are your: talents and abilities, intelligence, motivation, friends, education, family, experiences, appearance, and health.

STEP 3

Find out about the types of training and education that are available. Ask yourself, “Do I need to attend a technical college, a trade school, a 4-year college or graduate school?”

STEP 4

Learn more about the careers that offer what you want in life. Ask yourself:

1. What would I actually do each day?
2. Would this career satisfy my needs and goals?
3. Will this career still be available when I am ready to work?
4. Can I do a school - to - career to help me decide if this is the correct career for me?

STEP 5

Set some career goals for yourself. Ask yourself:

1. What education, training or career would I like to have 5 or 10 years from now?
2. How much responsibility would I like to have?
3. Do I want to be in charge?
4. What do I need for an education to succeed?

STEP 6

Find out what you must do to reach these goals. Ask yourself:

1. Do I need part-time work experience, more education, and/or financial aid to reach my goals?
2. What specific decisions must I make?
3. What must I do at this time?
4. What about in the future?

STEP 7

Prepare for the decisions you have to make. Keep your options open. Consider the following steps:

1. Define your goals.
2. Collect any relevant data
3. Study possible alternatives
4. Consider all possibilities of the outcomes
5. Make your decisions and be ready to make changes

Your parents, teachers, Mrs. Cloutier, friends, and other important persons in your life are here to help you with the various steps in your planning. Career planning can begin anytime you are ready.

COLLEGE OR OTHER OPTIONS?

In addition to attending a four-year college or university, there are many other options for spending the years after high school. You may prefer a career or vocational college or institute, or choose to enlist in the military. Perhaps you want to find an internship that allows you to explore your career choice further before making a commitment. Some students take a year off between high school and college, a “gap year”, to either refine their interests, perform community service or fulfill a goal or dream.

Below are post-secondary options to explore with your school counselor:

Gap Year

Many students are not yet ready or prefer not to go directly to college or to some other degree-granting educational program immediately after completing high school. While some of these students may choose a year at a prep school, join the military, or work full time before enrolling at a college, many others seek some other alternatives for a single transition year, such as a travel adventure or an internship experience. In a process called deferred admissions, students can apply to college in the fall of the senior year, and in the spring ask permission of the college they wish to attend to defer admission for one year. In some cases admission can also be deferred until the following January. In other words, students wanting to pursue this option can maintain acceptance to a college but not begin until a year or six months later. A student and a family who are considering this option should discuss the idea with Mrs. Cloutier.

Apprenticeship Training

An apprenticeship is a formal way of learning a skill or trade by working with someone who works at that particular job. Apprenticeship programs almost always include class study along with a full time job. Apprenticeships usually cover periods of time specified by the government or labor unions. Time spent in an apprenticeship depends on the difficulty of the skill to be learned. While most programs are between three and four years, a few can be as short as two years or as long as five or six years. One advantage of an apprenticeship is that rather than paying for the training yourself, the apprentice is being paid while learning a skill. The number of apprenticeship openings is limited and not all qualified applicants can enter such programs. Tests and personal interviews are often required. Occupations with apprenticeship training include carpentry, plumbing, etc.

Business, Trade or Technical Programs

Students may opt to pursue further training in business, trade or technical programs. Regional vocational technical schools and community colleges offer many such programs. The training provided is practical and prepares students for employment in specific fields. Students can be trained in secretarial skills, computer programming, electronics, auto repair, cosmetology, drafting, health occupations, travel and tourism, and other careers. Job placement services are usually available upon completion of a program. The length of a program varies from several weeks to several years. Costs can also vary depending upon the length and quality of training.

GOING INTO THE ARMED SERVICES

The Armed Services represent yet another educational, training, and employment option. They offer you positions that cover a broad range of employment areas, including but not limited to military police, electronics, mechanics, medicine, computers, personnel, and supply. The military is much like any other employer; they look for the most qualified and capable candidates they can find. They hire people with skills and people who are motivated. Here again, your solid high school record will secure a job and any training opportunities that you may seek. You should meet with Mrs. Cloutier and a military recruiter no later than the fall of your senior year.

Recruiters from all branches of the Armed Services are eager to explain the advantages of receiving either career training or an education through the Armed Services. Students who choose to serve in the military first can receive funding toward educational expenses in return for an active duty tour. Or students can serve part-time in the reserves and receive educational funding in return for their commitment. Scholarships are also

offered for enrolling in a ROTC Scholarship Program at select universities. Students must take the ASVAB exam before speaking to a recruiter as to what jobs you may qualify for, which are dependent on your scores. Please see Mrs. Cloutier if you have any questions or would like to explore the military as an option.

Army - www.goarmy.com

Army National Guard - www.nationalguard.com

Navy - www.navy.com

Air Force - www.airforce.com

Marine Corps - www.marines.com

Coast Guard - www.gocoastguard.com

Applying to Military Academies

- U.S. Military Academy
- U.S. Naval Academy
- U.S. Air Force Academy
- U.S. Merchant Marine Academy
- U.S. Coast Guard Academy

Students must meet the basic eligibility requirements. Next, contact your field force representative at the prospective military academy. If offered, attend a summer leadership program at the interested academy. Next, apply for a nomination. Nomination sources must either be congressional (either through your representative or one of your state's senators) or service-connected. Next, you need to complete a medical exam, a candidate fitness assessment, and standardized tests. Next, schedule a visit at the academy. Finally, make sure you have completed all tasks and your file is complete.

GOING TO SCHOOL PART TIME

Many students go to work after high school, but they also continue their education on a part-time basis. We are fortunate to have White Mountains Community College and Granite State College in our community that offer evening courses for people who must work during the day. There are also many opportunities to receive degrees from accredited programs online.

Community/technical colleges offer a wide range of career-oriented courses. An associate's degree may be earned. This is an affordable option for students wanting to transfer to a selective four-year college. Locally, we have White Mountains Community College available to us. An articulation agreement has been signed with Plymouth State University, Keene State College, and University of New Hampshire (Durham and Manchester). This agreement is designed to make it easier for a student at a two-year college to transfer to a four-year college, based on an agreement between the colleges about accepting course credits. Articulation agreements spell out which courses are eligible for degree credit at the four-year college, and the grades they must earn.

GOING TO WORK AFTER HIGH SCHOOL

Some Colebrook Academy graduates will choose to go to work right after graduation. Your high school record of grades, activities, and behavior will be very important to your getting a good job. Employers look at your work habits, initiative, reliability, attendance, punctuality, and your ability to get along with others.

Scheduling

Career Pathways

Course Load: Students at CAES are required to have classes 5 periods a day. Flex period will be granted as senior privilege if the student is on track for graduation and is in good academic standing. They will also have to submit the paperwork requesting the privilege.

Career Pathways

CAREER CLUSTERS

“What do you want to do when you leave high school?” If you ask a lot of high school students that question, you will get a lot of different answers, but the one you hear most often is, “I don’t really know.” Many students want to go onto some kind of post-secondary education such as attending a four-year college or university or a two-year community college but are not sure what they want to study. Some want to go into the military and others are ready to join the work force. There are so many different options, but how do you decide which one is right for you? The Career Cluster information included in the Program of Studies can help you make some of those decisions by showing you the type of courses you can take in high school to help you make decisions about what kind of career you would like in the future.

WHAT IS A CAREER CLUSTER?

A **Career Cluster** is simply a group of related careers or jobs. Nationally, there are sixteen different Career Clusters that cover practically every career and job available. See diagram below.

WHO BENEFITS FROM USING THE CAREER CLUSTERS INFORMATION?

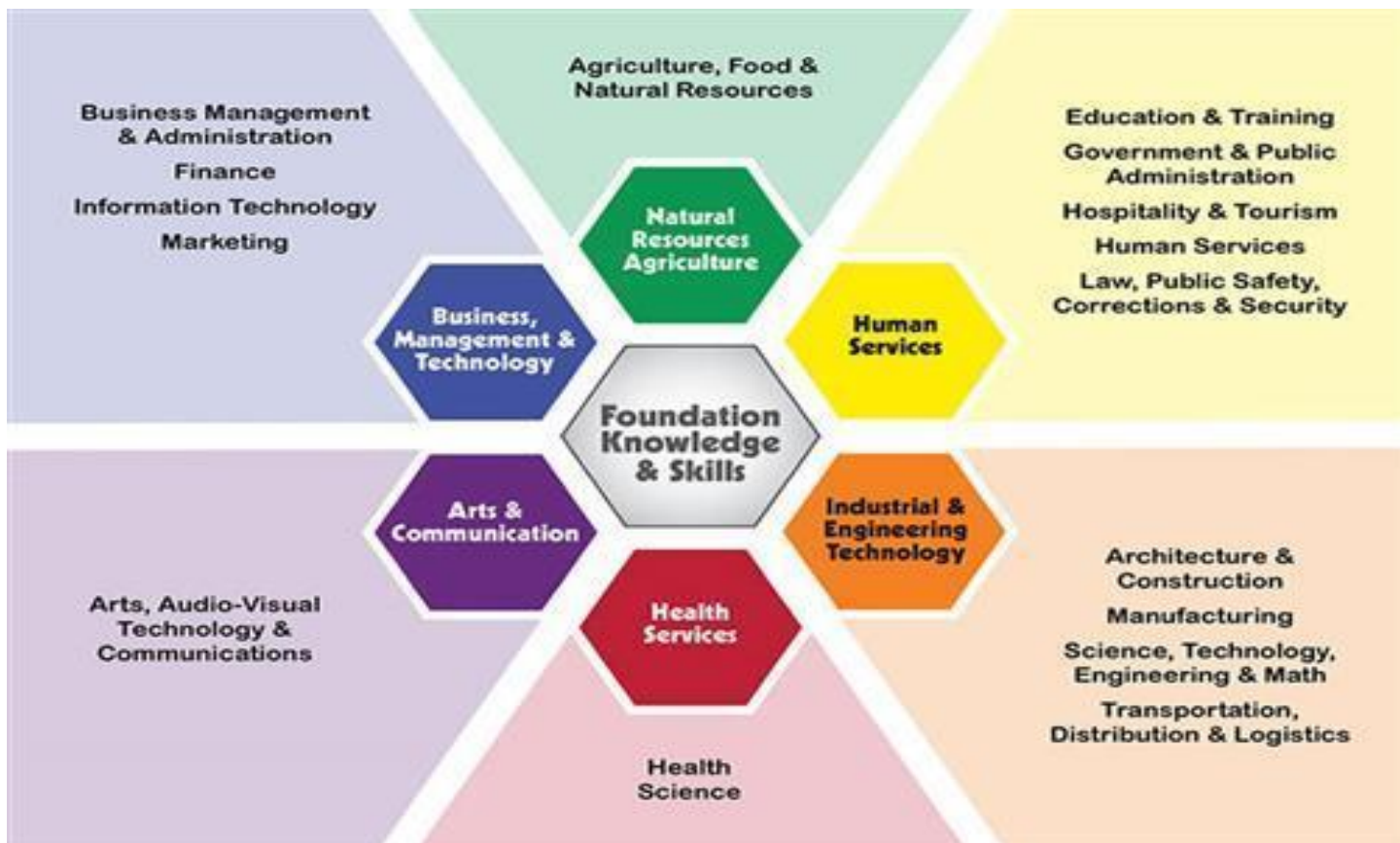
Everyone does. Whether you decide to go to college first or go right into the workforce, using the Career Cluster information can help ALL students make informed decisions about what career area they want to pursue, what high school courses they should take and what kind of post-secondary education they will need to pursue after high school.

WHAT KIND OF INFORMATION WILL I FIND ON A CAREER CLUSTER PAGE?

Each Career Cluster page will give you the suggested courses that you should take during your 8th, 9th, 10th, 11th, and 12th grades to help you be prepared to go into your chosen Career Pathway. These classes are based on what Colebrook Academy & Elementary School offers on a regular basis. If you want more information on any of these pathways, please visit www.education.nh.gov/career/career/career_clust.htm and choose the High School Plans of Study for all clusters, or please stop by the school counseling office and talk.

For more information visit the Department of Education website at

<https://www.education.nh.gov/who-we-are/division-of-learner-support/bureau-of-career-development>



AGRICULTURE, FOOD, AND NATURAL RESOURCES CAREER CLUSTER

Career Paths	Certificate Program	Two-Year College	Four-Year College
Agriculture and Animal Management, Production and Operations	Agribusiness, Agriculture Production, Equine Studies	Animal Breeding, Animal Sciences, Equine Studies, Vet Technician	Animal Health & Nutrition, Pre-Veterinary, Agriculture Engineering
Agriculture Science Processes & Support Services		Agriculture Science	Soil Sciences, Agricultural Science, Agricultural Engineering
Conservation and Natural Resources		Forestry, Nat. Resources Mgt	Forestry, Conservation/ Renewal Resources Mgt., Natural Resources Mgt.
Horticulture, Landscaping & Groundskeeping	Horticulture Services, Landscape Management	Plant Pathology & Physiology, Landscape Management	Landscape Architecture, Horticulture Science, Plant Pathology & Physiology

Power, Structural and Technical Systems	Mechanics, Agricultural Mechanization	Mechanics, Agricultural Mechanization	
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ARTS, A/V TECHNOLOGY, AND COMMUNICATIONS CAREER CLUSTER

Career Paths	Certificate Program	Two-Year College	Four-Year College
Audio/Visual Technology		Technical Computer Support, Audio Systems Technician	Digital Media
Journalism and Broadcasting			English, Journalism, Desktop Publishing
Performing Arts			Dance, Theatre, Music, Set Design
Printing Technology	Website Design, Webmaster Technology		Desktop Publishing
Telecommunications Technology		Broadband Networking, Communications Tech.	
Visual Arts		Floriculture, Interior Design	Graphics Design & Printing, Commercial Design, Fine Arts, Floriculture

ARCHITECTURE AND CONSTRUCTION CAREER CLUSTER

Career Paths	Certificate Program	Two-Year College	Four-Year College
Construction	Building Construction, Electrician, Plumbing	Building Construction, Construction Mgt. Construction Science	
Maintenance and Operations	Heating, Ventilation, Air Conditioning (HVAC)	Heating, Ventilation, Air Conditioning (HVAC)	
Design/Pre-Construction	Drafting, Computer Aided Drafting, Computer Aided Machining, Landscape Design	Computer Aided Drafting Computer Aided Machining, Surveying Technology, Landscape Design	Architecture, Architectural Tech. Engineering, Civil Engineering, Electrical Engineering, Environmental Engineering, Landscape Architecture, Mech. Eng.

BUSINESS MANAGEMENT & ADMINISTRATION CAREER CLUSTER

Career Paths	Certificate Program	Two-Year College	Four-Year College
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Admin. & Information Support	Adm. Assistant, Word Processor	Office Manager, Data Entry Specialist	Business Administration and Management
Business Analysis			Cost Analysis, Investment Analysis (master of Business Administration required)
Business Financial Management and Accounting	Accounting	Accounting	Accounting, Financial Mgt.
Human Resources Management	Human Resources Mgt.	Human Resources Mgt.	Human Resources Mgt.
			Chief Financial Officer, Controller, Hospital Mgr. Risk Manager
Marketing	Wholesale/Retail Buyer, Web Designer		Advertising, Marketing

EDUCATION AND TRAINING CAREER CLUSTER

Career Paths	Certificate Program	Two-Year College	Four-Year College
Administration & Administrative Support			School Administration (requires Post-graduate study)
Professional Support Services		Alcohol & Addiction Counseling, Speech/Language Pathologist Assistant	Guidance Counselor (requires post-graduate study), Speech/Language Pathologist
Teaching and Training	Early Childhood Education	Early Childhood Education	Art Education, Early Childhood Education, Elementary Ed., Health Ed., Mathematics Ed., Music Ed., Physical Education, Special Ed., World Language Ed.

HEALTH SCIENCES CAREER CLUSTER

Career Paths	Certificate Program	Two-Year College	Four-Year College
Biotechnology Research & Development	Biotechnology, Bio-processing, Pharmacy Assistant	Research Asst., Pharmacy Technician	Pharmacist, Biostatistician (requires post-graduate study)
Diagnostic Services	Phlebotomy, Medical Lab Technology	Medical Lab Technology, Diagnostic Medical Sonography	Pathology, Genetics, Radiologic Technology, Clinical Hematology & Immunohematology

Health Informatics	Medical Coding, Office Technology	Office Technology, Medical Billing, Medical Transcription	Hospital Administrator and Health Care Administrator (requires post-graduate study)
Support Services	Dietary Technician		Biomedical Sciences/Technology, Nutrition
Therapeutic Services	Massage Therapy, Licensed Nursing Assistant (LNA), EMT	Respiratory Therapy, Nursing, Surgical Technology, Dental Hygiene	Physician (requires post-graduate study), Physical Therapy, Occupational Therapy, Nursing, Athletic Training, Speech/Language Therapy

HOSPITALITY AND TOURISM CAREER CLUSTER

Career Paths	Certificate Program	Two-Year College	Four-Year College
Lodging Mgt. & Services	Hospitality Mgt.	Hospitality Mgt.	Hotel & Resort Mgt., Marketing, Advertising, Hospitality Admin.
Recreation, Amusement & Attractions/Property Mgt.	Horticulture Services, Landscape Mgt., Small Engine Mechanics	Horticulture Services, Landscape Mgt., Small Engine Mechanics	Landscape Architecture, Ski Resort Mgt., Adventure-based Recreation, Outdoor Recreational Mgt., Turf Mgt.
Restaurant, Food & Beverage Services	Culinary Arts, Beverage Services	Culinary Arts	Culinary Arts, Restaurant & Food Service Mgt.
Travel & Tourism Services	Travel & Tourism	Travel & Tourism	Travel & Tourism, Convention Management

HUMAN SERVICES CAREER CLUSTER

Career Paths	Certificate Program	Two-Year College	Four-Year College
Consumer Services	Real Estate, Customer Service, Sales	Accounting, Business	Accounting, Business Admin., Financial Planning
Counseling & Mental Health Services	Addiction Counseling	Addiction Counseling, Career Counseling	Psychologist, Mental Health Counselor, School Counselor, Social Worker (all require post-graduate study)
<i>Early Childhood Development & Services</i>	Childcare Assistant, Parent Educator, Teacher Assistant	Early Childhood Education, Early Childhood Admin.	Early Childhood Education
Family & Community Services	Human Services	Human Services, Gerontology, Behavioral Science	Rehabilitation Services, Grief Counseling, Social Services Worker (requires post-graduate study)

Personal Care Services	Cosmetology, Mortuary Science	Mortuary Science, Personal Fitness Trainer	
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INFORMATION TECHNOLOGY CAREER CLUSTER

Career Paths	Certificate Program	Two-Year College	Four-Year College
Information Support & Services	Oracle Certification, Microsoft Database Administration	Technical Support, Desktop Support Specialist	Information Science
Interactive Media	Web Design	Geographic Information Systems, Web Design	Multimedia Communications, Graphic Design
Network System	Cisco Systems Networking, Network Administration, PC Support Specialist	Cisco Systems Networking, Network Administration, PC Support Specialist	
Programming/Software Engineering	Microsoft Certified Solutions Developer	Interactive Simulation Computer Science	Computer Science, Information Science, Operating Systems Design

SCIENCE, TECHNOLOGY, ENGINEERING & MATHEMATICS CAREER CLUSTER

Career Paths	Certificate Program	Two-Year College	Four-Year College
Engineering & Technology	CAD Technician, CAM Technician, Machine Tool Certificate, Machine Tool Technology, Production & Inventory Control	Aviation Operations, Computer Science, Computer Engineering Technology, Civil Engineering, Computer Science Programming, Electronic Engineering Technology, Mechanical Technology, Mechanical Engineering Technology, Waste Water Treatment	Aerospace/Aeronautical Engineering, Civil Engineering, Computer Science, Electrical/Electronics/Communications Engineering
Science and Mathematics			Archeology, Biology, Chemistry, Genetics, Geology, Hydrology, Mathematics, Meteorology, Pre-Med, Pre-Veterinary Medicine

Standard Track

	Freshman	Sophomore	Junior	Senior
English (4 Credits Required)	Intro to Literature	Survey of Literature	American Literature	British Literature
Math (4 Credits Required; Including 1 during Senior Year)	Algebra I or Pre-Algebra	Algebra I, Geometry or Algebra II	Algebra II, Geometry, Pre-Calculus	Personal Finance, Economics or Business Math
Science (3 Credits Required; Including Biology and Physical Science)	Biology	Physical Science	Choice of Electives	Choice of Electives
Social Studies (2.5 Credits Required; Including World History or Geography, Civics, US History, NH History & Economics or Personal Finance)	World History or Geography	Civics	US History and New Hampshire History	Choice of Electives
Fine Arts (.5 Credit Required)	Studio Art or Draw and Paint	Choice of Electives	Choice of Electives	Choice of Electives
Physical Education (1 Credit Required)	Physical Education	EPE – Lifetime Fitness or Weight Lifting	Choice of Electives	Choice of Electives
Information & Communications Tech (.5 Credit Required)	ICT			
Health (.5 Credit Required)	Health			
Electives (9.5 Credits Required)	Choice (1)	Choice (1.5)	Choice (3)	Choice (4)

Automotive Track

	Freshman	Sophomore	Junior	Senior
English (4 Credits Required)	Intro to Literature	Survey of Literature	American Literature	British Literature
Math (4 Credits Required; Including 1 during Senior Year)	Algebra I or Pre-Algebra	Algebra I, Geometry or Algebra II	Algebra II, Geometry, Pre-Calculus	Personal Finance, Economics or Business Math
Science (3 Credits Required; Including Biology and Physical Science)	Biology	Physical Science	Choice of Electives	Choice of Electives
Social Studies (2.5 Credits Required; Including World History or Geography, Civics, US History, NH History & Economics or Personal Finance)	World History or Geography	Civics	US History and New Hampshire History	Choice of Electives
Fine Arts (.5 Credit Required)	Studio Art or Draw and Paint	Choice of Electives	Choice of Electives	Choice of Electives
Physical Education (1 Credit Required)	Physical Education	EPE – Lifetime Fitness or Weight Lifting	Choice of Electives	Choice of Electives
Information & Communications Tech (.5 Credit Required)	ICT			
Health (.5 Credit Required)	Health			
Electives (9.5 Credits Required)	Welding & Metals I&II	Intro to Auto Body Auto Body Fabrication	Auto I College Comp Choice Social Science	Auto II Choice RS Math

Education Track

	Freshman	Sophomore	Junior	Senior
English (4 Credits Required)	Intro to Literature	Survey of Literature	American Literature	British Literature
Math (4 Credits Required; Including 1 during Senior Year)	Algebra I or Pre-Algebra	Algebra I, Geometry or Algebra II	Algebra II, Geometry, Pre-Calculus	Personal Finance, Economics or Business Math
Science (3 Credits Required; Including Biology and Physical Science)	Biology	Physical Science	Choice of Electives	Choice of Electives
Social Studies (2.5 Credits Required; Including World History or Geography, Civics, US History, NH History & Economics or Personal Finance)	World History or Geography	Civics	US History and New Hampshire History	Choice of Electives
Fine Arts (.5 Credit Required)	Studio Art or Draw and Paint	Choice of Electives	Choice of Electives	Choice of Electives
Physical Education (1 Credit Required)	Physical Education	EPE – Lifetime Fitness or Weight Lifting	Choice of Electives	Choice of Electives
Information & Communications Tech (.5 Credit Required)	ICT			
Health (.5 Credit Required)	Health			
Electives (9.5 Credits Required)	Choice (1)	Choice RS Liberal Arts	Foundations of Ed College Comp	Child Growth & Development RS Math

Health Sciences Track

	Freshman	Sophomore	Junior	Senior
English (4 Credits Required)	Intro to Literature	Survey of Literature	American Literature	British Literature
Math (4 Credits Required; Including 1 during Senior Year)	Algebra I or Pre-Algebra	Algebra I, Geometry or Algebra II	Algebra II, Geometry, Pre-Calculus	Personal Finance, Economics or Business Math
Science (3 Credits Required; Including Biology and Physical Science)	Biology	Physical Science	Choice of Electives	Choice of Electives
Social Studies (2.5 Credits Required; Including World History or Geography, Civics, US History, NH History & Economics or Personal Finance)	World History or Geography	Civics	US History and New Hampshire History	Choice of Electives
Fine Arts (.5 Credit Required)	Studio Art or Draw and Paint	Choice of Electives	Choice of Electives	Choice of Electives
Physical Education (1 Credit Required)	Physical Education	EPE – Lifetime Fitness or Weight Lifting	Choice of Electives	Choice of Electives
Information & Communications Tech (.5 Credit Required)	ICT			
Health (.5 Credit Required)	Health			
Electives (9.5 Credits Required)	Choice (1)	Choice (1.5)	RS Medical Term RS Human Bio	RS Chemistry RS College Comp

Hospitality and Culinary

	Freshman	Sophomore	Junior	Senior
English (4 Credits Required)	Intro to Literature	Survey of Literature	American Literature	British Literature
Math (4 Credits Required; Including 1 during Senior Year)	Algebra I or Pre-Algebra	Algebra I, Geometry or Algebra II	Algebra II, Geometry, Pre-Calculus	Personal Finance, Economics or Business Math
Science (3 Credits Required; Including Biology and Physical Science)	Biology	Physical Science	Choice of Electives	Choice of Electives
Social Studies (2.5 Credits Required; Including World History or Geography, Civics, US History, NH History & Economics or Personal Finance)	World History or Geography	Civics	US History and New Hampshire History	Choice of Electives
Fine Arts (.5 Credit Required)	Studio Art or Draw and Paint	Choice of Electives	Choice of Electives	Choice of Electives
Physical Education (1 Credit Required)	Physical Education	EPE – Lifetime Fitness or Weight Lifting	Choice of Electives	Choice of Electives
Information & Communications Tech (.5 Credit Required)	ICT			
Health (.5 Credit Required)	Health			
Electives (9.5 Credits Required)	Choice (1)	Sanitation & Safety	Intro to Hospitality College Comp	Quality Service Management RS Math

Information Technology

	Freshman	Sophomore	Junior	Senior
English (4 Credits Required)	Intro to Literature	Survey of Literature	American Literature	British Literature
Math (4 Credits Required; Including 1 during Senior Year)	Algebra I or Pre-Algebra	Algebra I, Geometry or Algebra II	Algebra II, Geometry, Pre-Calculus	Personal Finance, Economics or Business Math
Science (3 Credits Required; Including Biology and Physical Science)	Biology	Physical Science	Choice of Electives	Choice of Electives
Social Studies (2.5 Credits Required; Including World History or Geography, Civics, US History, NH History & Economics or Personal Finance)	World History or Geography	Civics	US History and New Hampshire History	Choice of Electives
Fine Arts (.5 Credit Required)	Studio Art or Draw and Paint	Choice of Electives	Choice of Electives	Choice of Electives
Physical Education (1 Credit Required)	Physical Education	EPE – Lifetime Fitness or Weight Lifting	Choice of Electives	Choice of Electives
Information & Communications Tech (.5 Credit Required)	ICT			
Health (.5 Credit Required)	Health			
Electives (9.5 Credits Required)	Intro to Computer Science	Robotics	PC/Mobile Hardware Database Management	Programming w/ Python PC OS Security and Cloud Fundamentals

NORTH POINT CTE



The North Point CTE Center in Colebrook, New Hampshire is the Region 1 Career & Technical Education Center in New Hampshire and serves all of SAU 7. It offers a hands-on, project based learning experience to all students. At the conclusion of the two-year programs (scheduled for full afternoons), completers typically accomplish the following career pathways:

- Engage in a work based learning opportunity through internships, job shadows and more
- Become a more marketable applicant to colleges and employers by earning industry recognized credentials

INDUSTRY RECOGNIZED CREDENTIALS: a verification of a person's qualifications or competence, issued by a third party with the relevant authority to issue such credentials

- Participate in dual enrollment courses that award both high school and college credit through articulation agreements and Running Start

ARTICULATION AGREEMENTS: These are various agreements between the North Point CTE Center and institutions of higher education. These agreements grant postsecondary education credit for the completion of courses at the North Point CTE center. Below is a list of programs and the post-secondary institutions to which programs are articulated. These agreements are updated often, including adding new ones.

- Acquire industry-ready skills and demonstrate work-ready soft skills

CTE Program	Post-Secondary School	Total College Credits Earned & Course(s)	Industry Recognized Credentials
Automotive <i>Embedded High School Credit – Math</i>	White Mountains Community College	Automotive Technology I (3 Credits)	Entry Level ASE Certification
Culinary / Hospitality <i>Embedded High School Credit – Math, English</i>	Lakes Region Community College NHTI	Sanitation and Safety (3 credits) Intro to Hospitality (3 credits) Quality Service Management (3 credits)	ServSafe Sanitation Certification ServSafe Allergen Certification ServSafe Food Handlers Certification ProStart National Restaurant Education (NREF) Certification

Education <i>Embedded High School Credit – English</i>	White Mountains Community College	Foundations of Education (3) Child Growth and Development (3)	Mental Health First Aid Certificate Kognito Simulation Certificates Universal Design for Learning Level I Certificate
Health Sciences <i>Embedded High School Credit – Math, Science</i>	White Mountains Community College	Medical Terminology (3 credits) Legal and Ethical Issues (3 credits) Human Biology (3 credits) Human growth & development (3 credits)	OSHA 10 for Healthcare Medical Terminology Certification CPR/AED/First Aid (HST I) * Stop the Bleed (HST I) (FEMA)* Teen CERT (HST I) (FEMA)*
Information Technology <i>Embedded High School Credit - Math</i>	NHTI	PC/Mobile Hardware (3 credits) Programming in Python (3 credits) Database Management (3 credits) PC OS Security and Cloud (3 credits)	PCAP COMP TIA + Core 1 COMP TIA + Core 2

Criminal Justice Certificate Program

Colebrook Academy students will have the opportunity to participate in a Criminal Justice certificate program while attending high school. This career path option will allow seniors who have completed the required 2 years of classes to earn a certificate in Criminal Justice from WMCC in their senior year of high school.

COURSE DESCRIPTIONS

2022 - 2023 Course Catalog

The Colebrook Academy *Course Catalog* provides a listing of the academic courses and programs available to Colebrook students. Each section (which is divided by content area) provides a chart detailing appropriate course sequences. Some courses have prerequisite requirements, requiring that courses be taken in a specific order. Other departments afford students more flexibility to take courses in a variety of progressions. From time to time, adjustments are made to course offerings based upon a variety of factors including staff availability and student requests.

Special Designations:



Course qualifies for New Hampshire Scholars Program



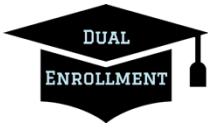
...with Arts emphasis.
Pathways



...with STEM emphasis



...part of Career



Eligible courses towards consideration.

In order to support all students at CAES, we must have accurate planning for teaching schedules and classroom space. Administration reserves the right to add or remove course offerings due to staffing concerns. Students will be given a draft of their schedule, which is subject to change, prior to the start of the school year.

Any course labeled RS (Running Start) can be taken as a regular course, not for college credit. This should be communicated to the instructor at the beginning of the course, prior to registering with the college.

Business

.5 CREDIT OF ICT AND PERSONAL FINANCE/ECONOMICS IS REQUIRED FOR GRADUATION

ENTRY LEVEL	INTERMEDIATE	ADVANCED
ICT *	BUSINESS MATH	RS ACCOUNTING
SMALL BUSINESS MGT	PERSONAL FINANCE *	RS BUSINESS LAW
MARKETING	INTRODUCTION TO BUSINESS	CA INVESTMENT
WORK PLACE SKILLS	20 TH CENTURY BUSINESS	

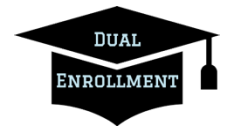
RS Accounting	1 Semester / 1 Credit	Grades 10-12	College / Career Prep
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5.0 GPA Weight

Prerequisite: ICT

Accounting provides the student with an understanding of the basic principles of the accounting cycle as it applies to the records of individuals, business and government. The student follows through the transactions of the business to the preparation and interpretation of the financial statements and supporting data.

NOTE: Project Running Start course (3 college credits)



RS Business Law	1 Semester / 1 Credit	Grades 10-12	College / Career Prep
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5.0 GPA Weight

Prerequisite: None

Covers the legal system with regard to business, contracts, sales, commercial paper, agency and employment, partnerships and corporations, risk bearing devices and property. When students complete this course, they should show insight and appreciation of the legal system, the dynamic nature of law, the social impact of legislation and legal decisions, the legal environment of business and legal transactions, the legal consequences of decision making and the rights and duties of citizens, consumers, workers, and business owners.

Project Running Start Course (3 college credits)



Information & Communication Technology *	1 Semester / .5 Credit	Grades 9	College / Career Prep
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4.0 GPA Weight

Prerequisite: None

Information & Communication Technology is a required course where students will develop their ability to effectively use technology to enhance their communication skills. Students will use a variety of programs such as: Microsoft Office Word, Excel, and PowerPoint, Google Docs, Sheets, and Slides, Adobe Photoshop CC and Windows Live Movie Maker. They will also learn HTML programming language to develop a foundation for web page construction.

Required for graduation

Introduction to Business	1 Semester / .5 Credit	Grades 10-12	College / Career Prep
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4.0 GPA Weight

Prerequisite: ICT

This semester long course will expose you to business terminology, concepts and current business practices. This course will help you establish a viable business vocabulary, foster critical and analytical thinking and refine your business decision-making skills. You will acquire these skills by the reading materials, exercises and research assignments that simulate today's workplace. By delving into the five units of this course, you will fine tune your direction and choice of career in business.

Marketing	1 Semester / .5 Credit	Grades 9-12	College / Career Prep
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4.0 GPA Weight

Prerequisite: None

Introduce yourself to the exciting world of marketing! You will learn how products are brought from the idea stage to becoming available on store shelves. Everything from distribution to sales will be explored. Create new products and learn how to market them efficiently. This hands-on course will provide the basis for a career in Marketing. Students find out what it takes to market a product or service in today's fast-paced business environment. They learn the fundamentals of marketing using real-world business examples. They learn about buyer behavior, marketing research principles, demand analysis, distribution, financing, pricing, and product management.

Personal Finance *	1 Semester / .5 Credit	Grades 11-12	College / Career Prep
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4.0 GPA Weight

Prerequisite: None

Required for graduation

The Personal Finance course at Colebrook Academy is designed for students to gain skills in the management of personal financial affairs. Many young people fail in the management of their first consumer credit experience, establish bad financial management habits, and stumble through their lives learning by trial and error. Our objective is to give the students the skills necessary to make informed decisions related to spending, saving, borrowing, and investing. These skills will provide them with a solid foundation for financial security now and in the future.

Business Mathematics	1 Semester / .5 Credit	Grades 11-12	College / Career Prep
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4.0 GPA Weight

Prerequisite: Algebra I

This course is designed to build upon previous knowledge and skills to solve a variety of arithmetic problems that are commonly found in business financial situations. Students develop the skills necessary to solve mathematical problems, analyze and interpret data, and apply sound decision-making skills in business financial situations. Topics include: Taxation, Savings and Investments, Credit Management, Cash Management, Financial Statements. This course will meet one credit towards the mathematics requirement for graduation.

Small Business Management	1 Semester / .5 Credit	Grades 10-12	College / Career Prep
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4.0 GPA Weight

Prerequisite: Marketing

This semester long course will provide students with the skills needed to create jobs based on their interests rather than giving them training to take existing jobs. It will teach you how to identify market opportunity and the generation of a business idea to address the opportunity. It will show you how to use the commitment of resources to pursue the opportunity in the face of risk and it will give you ideas on how to create and operate a business organization to implement your ideas.

Work Place Skills	1 Semester / .5 Credit	Grades 9-12	College / Career Prep
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This semester-long course will provide students with the opportunity to develop relevant work place skills like conflict resolution, interviewing, resume writing, etc. This course will provide students with the skills necessary to be successful in the work place.

21st Century Business	1 Semester / .5 Credit	Grades 11-12	College / Career Prep
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4.0 GPA Weight

Prerequisite: Introduction to Business

The course begins with an introduction to the world of business and prepares them for the economic roles of consumer, worker, and citizen. The groundwork is established with concepts that students should master, such as the following:

- a.) needs and wants, scarcity, choice, and opportunity costs
- b.) productivity
- c.) economic systems, institutions, and incentive
- d.) exchange, money, and interdependence
- e.) markets, prices, and competition
- f.) supply and demand
- g.) roles of consumers, governments, and citizens.

Once these basic concepts have been mastered, students will further develop their understanding of the business environment in the 21st Century that may include: entrepreneurship, records management, hospitality & tourism, business law, and marketing. A large component of the class will be to regularly discuss current events topics as they relate to 21st Century Business.

NOTE: Sophomores can take with permission from the instructor. This course meets the Economics requirement for graduation.

CA Investment Fund	1 Semester / .5 Credit	Grades 10-12	College / Career Prep
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4.5 GPA Weight

Pre-Requisites: None

This course will teach you what you need to know to be able to build personal wealth through investments. Students will learn about active investing and portfolio management while consulting a variety of sources for their decisions which may include: a full-service broker/advisor, financial news magazines, economists, and other members of the team. The course will provide a forum for debate and discussion on various financial topics and strategies. Students will enhance oral presentation skills as they collaborate with their team members to promote investment ideas and strategies for the fund.

CAREER READINESS

SENIOR SEMINAR

Grade 12

Pre-Requisites: None

This course provides students with exploration of postsecondary education and employment goals. Students will work toward developing a personal, digital portfolio of a resume, college essay, and applications for colleges and jobs.

FRESHMAN FOCUS

Grade 9

Pre-Requisites: None

This course provides students with methods to cope with strong emotions and stress. Students will learn to apply strategies that will help them stay on task, time manage, self-reflect, study and test take, gain insight about what motivates them, learn how to advocate for themselves and communicate with teachers.

English

4 CREDITS OF ENGLISH IS REQUIRED FOR GRADUATION

ENTRY LEVEL

FILM AS LITERATURE
MYTHOLOGY
JOURNALISM
POPULAR CULTURE
SCIENCE FICTION AND FANTASY
SHAKESPEARE

INTERMEDIATE

INTRODUCTION TO LITERATURE*
SURVEY OF LITERATURE*
WRITING WORKSHOP
PUBLIC SPEAKING
RESEARCH SKILLS
MEDIA LITERACY

ADVANCED

AMERICAN LITERATURE*
BRITISH LITERATURE*
RS COLLEGE COMPOSITION
RS AMERICAN LITERATURE
RS CREATIVE WRITING
AP LANGUAGE & LIT

British Literature*

1 Semester
1 Credit

Grades
12

College / Career Prep

4.0 GPA Weight

Pre-Requisites: None

The course will trace the history and literacy characteristics of various time periods in British and World Literature: English Literature: Anglo-Saxon and Medieval, the Renaissance, the Restoration and Enlightenment, the Romantic Period, Victorian Period, and Twentieth Century. Writing assignments will place an emphasis on higher order thinking skills and understanding historical and cultural context.



American Literature*

1 Semester
1 Credit

Grades
11

College / Career Prep

4.0 GPA Weight

Pre-Requisites: None

Students in this course will take part in an extensive study of themes and authors of different literary periods in American History which begins with our earliest Puritan roots and extends to contemporary society. They will read, analyze, and critique a wide range of writing that follows the development of an American Literature: the Colonial/Puritan Era, Age of Reason, Romanticism, Transcendentalism, Anti-Transcendentalism, Regionalism and Realism, and the Modern/Contemporary Eras. They will study classic American authors (Hawthorne, Miller, Melville, Twain, Steinbeck, Fitzgerald, and more). Writing-based vocabulary will be assigned regularly in order to focus on and practice for the SAT. Writing will be an integral part of the course.



Survey of Literature*	Full Year 1 Credit	Grades 10	College / Career Prep
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4.0 GPA Weight

Pre-Requisites: None

This course will consist of research writing, essays, vocabulary, grammar, and literature. Students will read short stories, poetry, novels, plays and essays. The course explores cultural literacy and literature spanning various time periods, from the Elizabethan Era and Middle Ages to the Modern Period and Harlem Renaissance.



Introduction to Literature*	Full Year / 1 Credit	Grades 9	College / Career Prep
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4.0 GPA Weight

Pre-Requisites: None

This course is designed to introduce students to the basic genres of literature: fiction - short story and novel; nonfiction-essay, biographical sketch, magazine article, etc.; drama-Romeo and Juliet, poetry, and Greek mythology. Students will also be required to complete different writing assignments, including analytical essays. Students will be able to define, explain, and analyze each of the major genres, including the terms associated with each, and specific literary works of each. This course will stress study skills, expression of written ideas, and orderly and respectful discussion among peers.



Film as Literature	1 Semester / .5 Credit	Grades 9-12	College / Career Prep
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4.0 GPA Weight

Pre-Requisites: None

This course will explore the visual medium of film as a storytelling vehicle. Students will write in response to film, make predictions and provide analysis in the same way they would in response to a piece of literature. The course will explore the use of common literary devices in the medium of film, such as foreshadowing, characterization, theme and dramatic irony. Techniques used by directors exclusive to film will also be examined, such as pacing, lighting and shadow, and sound devices in order to understand how a director crafts a mood using these techniques. Students can expect to view classic films along with those considered to be landmarks for their advances in the medium. Whenever possible, students should expect to read and compare portions of the script or novel a film is based upon with the film itself to analyze the decisions made by the writers and directors when adapting a story for the screen. Students will also be given the opportunity to draft their own screenplays and even film scenes for presentation.

NOTE: preference given to upperclassmen

Mythology	1 Semester / .5 Credit	Grades 9-12	College / Career Prep
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4.5 GPA Weight

Prerequisite: The successful completion of Introduction to Literature

This multilevel course will focus on the different mythologies of the world and the connection between a mythology and the culture of which it is a part. Areas studied may include Egyptian, Norse, Celtic and Native American. If time or student preference allows, modern mythology may also be covered. Greek and Roman myths will not be taught, as they have been covered in the freshmen year. Course work will involve reading, researching, writing, and project work. This course is open to all students who have completed Freshmen English or the equivalent.

RS Creative Writing	1 Semester / 1 Credit	Grades 10-12	College / Career Prep
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5.0 GPA Weight

In Creative Writing Workshop, students learn and practice the skills, strategies, techniques, and features that form the basis for producing original, well-crafted works of creative writing. To improve the quality of their work, students receive constructive feedback from their peers and instructor. Students compose original works of art through exposure to genres and forms, including the short story, poetry, and drama. The course emphasizes the importance of literary elements, including character, plot, imagery, tone, theme, metaphor, and the like.

Journalism	1 Semester / .5 Credit	Grades 9-12	College / Career Prep
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4.0 GPA Weight

Prerequisite: The successful completion of two years high school English

The major focus of this course will be to create and digitally publish *The Signal*, Colebrook Academy's school newspaper, every two weeks. As each semester progresses, students will learn how to: find relevant and appropriate news to report; distinguish what is newsworthy and fits the mission of the publication; generate drafts; revise, edit, and proofread; use photographs to accompany and enhance a story; compose the layout of each issue; and publish each issue in a variety of digital formats. As time allows, we may also explore editorials, advertising, classifieds, adding new features, the question of censorship, photojournalism, broadcast journalism, and/or supplemental publications.

NOTE: Underclassmen may take with instructor permission. May be taken more than once.

Popular Culture	1 Semester / .5 Credit	Grades 9-12	College / Career Prep
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4.0 GPA Weight

Pre-Requisites: None

This course will complete units such as science fiction, weather patterns, art history, music appreciation, poetry, children's literature, and the like. This project-based course will concentrate on student research and presentation. Students will be allowed at times to select topics of interest and work independently to pursue those interests. They will present their findings to the class on a regular basis, where they will be assessed on communication and organization skills.

Science Fiction and Fantasy	1 Semester / .5 Credit	Grades 9-12	College / Career Prep
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4.0 GPA Weight

Pre-Requisites: None

This course will be a study of the genres of Science Fiction and Fantasy. Students should expect to learn about the origins of these genres and read examples that are both classic and contemporary. Both High Fantasy and Low Fantasy will be covered, along with examples from various subgenres of each main genre. There will be an emphasis on the cultural impact that these genres have had since their inceptions and on understanding the continuing influence they have today. Students will write to respond to pieces, conduct research to understand cultural influences of these genres and write their own pieces that conform to the norm or even blend the two genres together.

Shakespeare

1 Semester /
.5 Credit

Grades
9-12

College / Career Prep

4.5 GPA Weight

Pre-Requisites: None

This course will focus on expanding the variety of Shakespearean texts students are exposed to during the course of the typical high school curriculum. Students should expect to read and write in response to Shakespearean sonnets along with some of the more famous plays. Students will learn the distinguishing characteristics of each type of play and will develop a deeper understanding of literary devices and elements of poetic structure as they pertain to Shakespeare's writing. Students will write in response to various prompts dealing with the reading and will also write their own sonnets in the Shakespearean model. Larger writing assignments will be open-ended, where students choose their own topics. Student preference will be considered while selecting plays to cover on a course by course basis with titles such as A Midsummer Night's Dream, Much Ado About Nothing, King Lear, Othello, The Merchant of Venice, The Tempest, Twelfth Night, Richard II, and others.

Writing Workshop

1 Semester
/
.5 Credit

Grades
9-12

College / Career Prep

4.0 GPA Weight

Pre-Requisites: None

This course will provide students with an opportunity to improve their writing skills in a variety of formats. Students will complete regular writing assignments and will create a portfolio of their own work. Assignments will range from creative writing (fiction, poetry, memoirs) to technical writing (instructions, directions, proposals, etc.) Students will have individual goals and will have some degree of control over what those goals are. Regardless of what your goals are, you can expect to continue to write and improve upon your writing in this course, whether it is in the field of technical writing, poetry or prose.

Public Speaking

1 Semester /
.5 Credit

Grades
9-12

College / Career Prep

4.0 GPA Weight

Pre-Requisites: None

In this introductory speech course, students are exposed to a wide variety of speaking situations. Types of speeches include informational, persuasive, demonstration, impromptu, sales, oral interpretation, symposium, and valedictory. Since public speaking is the number one fear of most Americans, the class provides a supportive and low-key atmosphere to help students overcome their anxiety. Some memorable preparation activities include mock trials and survival simulations. Students have said: "Before this class, I never had the guts to speak in public." "This class taught me to be more self-confident, to talk slower, and to use humor." "It was one of the most helpful courses I ever took."

Research Skills

1 Semester /
.5 Credit

Grades
9-12

College / Career Prep

4.5 GPA Weight

Pre-Requisites: None

The focus of this class is to provide students with an understanding of the research process and the skills necessary to complete library and Internet research for the projects, presentations, and other class assignments they will encounter in high school and beyond. Topics will include planning a research paper, brainstorming topics, refining research questions, crafting thesis statements, types of information sources, evaluating sources, note taking and organization, advanced search techniques using online library catalogs and subscriptions databases, evaluating sources, note-taking, avoiding plagiarism, and formatting citations.

Media Literacy	1 Semester / .5 Credit	Grades 9-12	College / Career Prep
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4.5 GPA Weight

Pre-Requisites: None

This class provides students with the ability to evaluate information received from various forms of media including art, television, film, music, advertising, video games, news, and social media. Students will critically examine multiple examples of these types of media messages to learn how they influence health and behavior and reflect on the cultural impact they have on our society.

RS College Composition	1 Semester / 1 Credit	Grades 10-12	College / Career Prep
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5.0 GPA Weight

Students learn the fundamentals of writing a research paper by engaging in a semester-long research project that ends with the submission of a seven- to eight-page documented research paper. This research paper represents the culmination of all the research they have done on the topic during the semester. The documentation style students use and for which they are assessed is MLA. Leading up to the final research paper, students engage in activities that relate to their research project: e.g., writing shorter essays, doing annotated bibliographies, evaluating sources, presenting material (to the class or in groups), working with peers, reading scholarly and other sources, and the like.

RS Survey of American Literature	1 Semester / 1 Credit	Grades 10-12	College / Career Prep
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5.0 GPA Weight

Survey of American Literature introduces students to American literature with emphasis on the post-Revolutionary period, though some pre-Revolutionary texts may be considered for context. The course takes into account elements of fiction (e.g., theme, plot, character, symbol, style) and offers a critical vocabulary to discuss literature. Students read, analyze, and interpret the works of major American authors within this timeframe. They read closely and critically from a literary perspective, as well as for the range of social, historical, political, and cultural perspectives they represent.

Education I & II	2 Year / 4 Credits	Grades 10-12	College / Career Prep
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5.0 GPA

Prerequisites: None

Gain a foundational understanding of modern teaching theory and counseling techniques

Experience working with children through our field work and ELO programs which are customized to meet CAES students interests and future goals. Field work experiences take place in elementary, middle, or high school classrooms throughout the community. Create and implement lesson plans to meet the learning styles of all students. Explore the connection between learning and psychology

Fine arts

.5 CREDIT OF FINE ARTS IS REQUIRED FOR GRADUATION

ENTRY LEVEL	INTERMEDIATE	ADVANCED
STUDIO ART	DRAW AND PAINT	RS INTRO TO DRAWING
CHORUS	3D SCULPTURE	RS DRAWING WITH COLOR
BAND	CRAFTS	AP STUDIO ART
GENERAL MUSIC	MEDIA ARTS / ANIMATION	ADVANCED STUDIO ART
MUSIC THEORY		
PIANO STUDY		
VOCAL STUDY		
GUITAR STUDY		

Studio Art	1 Semester / .5 Credit	Grades 9-12	College / Career Prep
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4.0 GPA Weight

Prerequisite: None

Art techniques and media, personal expression of styles are the focus of Studio Art 1. Through the elements and principles of design, students experience and experiment with skills and techniques using a variety of 3D and 2D mediums. Art appreciation is addressed through analyzing, critiquing and applying aesthetic criteria to their own work as well as the work of masters. Attendance at the Regional High School Art Show in May is highly recommended.



Draw and Paint	1 Semester / .5 Credit	Grades 10-12	College / Career Prep
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4.5 GPA Weight

Prerequisite: Studio Art and Advanced Studio Art with a B- or better

This course is a further in-depth study of techniques, styles and media involved in drawing and painting mediums. Students will use these mediums to thoroughly describe forms, express ideas and reflect intentions. Students will be encouraged to solve challenging visual art problems independently using intellectual skills such as analysis, synthesis and evaluation. A serious interest in the disciplines and intermediate drawing skills are expected as well as attendance at the Regional High School Art Show in May.



ARTS

ARTS

RS Introduction to drawing	1 Semester / 1 Credit	Grades 10-12	College / Career Prep
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5.0 GPA Weight

Prerequisite: Studio Art

Introduction to Drawing is designed for students to explore materials, techniques, historical trends, and creative expression using drawing media. The class focuses on the Elements of Art: line, shape, color, texture, value, form, and space; and the Principles of Design: balance, proportion, emphasis, and rhythm. Creating and critiquing drawings are major components of the course.



RS Drawing with Color	1 Semester / 1Credit	Grades 10-12	 ARTS College / Career Prep
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5.0 GPA Weight

Prerequisite: Studio Art

In Drawing with Color, students learn the elements and principles of art and design using color. A hands-on approach, the course exposes students to the science and psychology of color and to the way these notions relate to drawing and art. Instruction guides students through experiential learning in the mediums of color pencil, oil pastel, and chalk pastel. It likewise introduces creative strategies to address difficulties and solve problems, guiding learners through a series of creative projects reflective of the artist's four roles in society.



Chorus	Full Year 1 Credit	Grades 9-12	ARTS College / Career Prep
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4.0 GPA Weight

Prerequisite: None

This class is open to all students who wish to sing and perform in an ensemble. Students will develop their voices and musicianship. Concerts will be given throughout the year. Participation in a winter and spring performance is required. The class includes eligibility for participation in special performances such as the North Country Music Festival and All-State auditions. Music ranges from classic to contemporary styles, American traditions, and world cultures.



Concert Band	Full Year 1 Credit	Grades 9-12	College / Career Prep
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4.0 GPA Weight

Prerequisite: None

Open to all students who can play a band instrument. Literature includes all types of instrumental music. Students will develop technique, expression, solo and ensemble playing. Preparation for possible All-State auditions and participation in the North Country Music Festival is also a component of this class. Concerts for the general public will be given throughout the year, as



well as exchange concerts, performances within the community, and competitions. Level “A” students are required to attend two concerts, attend North Country Festival, audition for All State, attend a solo and ensemble concert, etc. “B” level students are expected to participate in two concerts in a year. Mandatory once a week after school rehearsals for all enrolled as well as independent study students.

AP Studio Art

1 Semester
.5 Credit

Grades
9-12

College / Career Prep

5.0 GPA Weight

Prerequisite: *Successful completion of Studio Art, Advanced Studio Art and another Art course with a B or better*

This course is an accelerated study in Fine Arts using advanced mediums and techniques with independent, experimental work. Sketchbooks and cumulative portfolios are required. Careers in the Arts are examined. A serious interest in furthering education in the Arts with the intention of pursuing an art-related career or a serious personal interest in the subject is expected as well as attendance at the Regional High School Art Show in May.



Advanced Studio Art

1 Semester
.5 Credit

Grades
9-12

College / Career Prep

4.5 GPA Weight

Prerequisite: *Studio Art with a B- or better*

This course is a further in-depth study of art techniques and styles introduced in Studio Art 1 with an emphasis on the elements and principles of design. The students will be working more independently on projects involving drawing, painting, 2-D and 3D design while exploring historical, cultural and social contexts. A serious interest in the subject is expected as well as attendance at the Regional High School Art Show in May.



3D Sculpture

1 Semester
.5 Credit

Grades
9-12

College / Career Prep

4.0 GPA Weight

Prerequisite: *Studio Art*

This course will explore the art techniques, skills and media associated with a variety of sculptural styles. 3D mediums will include ceramics, wire, plaster, paper, paper mache and found objects. Independent exploration of materials and subject matter will be encouraged. Attendance at the Regional High School Art Show in May is expected.



Crafts

1 Semester
.5 Credit

Grades
9-12

College / Career Prep

4.0 GPA Weight

Prerequisite: *None*

The purpose of this class is to expose you to the wonderful world of creativity! The goal is to offer an environment and ideas that increase your skills and awareness of crafts. Pinterest can be used as well as some of your own creative designs. Sewing, scrapbooking, and fabric construction are great ways to reduce stress. It also creates a sense of accomplishment when you have a finished product.



General Music

Full Year
1 Credit

Grades
9-12

College / Career Prep

4.0 GPA Weight

Prerequisite: None

This course is open to all students interested in exploring a wide variety of topics and introductory skills and perspectives. Content includes eras, styles, and other elements of music history; basics of theory, guitar, keyboard, and drumming; and various aspects of performance, production, technology, and trends. Students participate in sharing live and digital performances, experiences, and personal insights. Topics vary and reflect student interests and input.



Media Arts / Animation

Full Year
1 Credit

Grades
9-12

College / Career Prep

4.0 GPA Weight

Prerequisite: ICT

In this advanced course, students build on the skills they developed in 3D Art I to learn 3D animation techniques. Using Blender, a powerful open source modeling tool, they master the basics of animation—rigging, bones, and movement—while learning how to apply traditional animation techniques to their 3D models. They also learn about jobs in the industry.

NOTE: This course will involve collaboration with the Game Design course taught in the Tech Department.



Music Theory, History & Composition

Full Year
1 Credit

Grades
9-12

College / Career Prep

4.5 GPA Weight

Prerequisite: Participation in either Band or Chorus

This is a course intended for students who may pursue a career or advanced degree in music. It is for the most serious music students. It is a non-performance course. The course will introduce music history, aural training skills, including rhythmic, harmonic, and melodic dictation and sight singing. The course takes a beginning approach to the concepts of theory and analysis, with references to historical context



Piano Study

Full Year
1 Credit

Grades
9-12

College / Career Prep

4.0 GPA Weight

Prerequisite: None

NOTE: This course will involve a lot of independent study and will likely be scheduled during another music course.

Vocal Study

Full Year
1 Credit

Grades
9-12

College / Career Prep

4.0 GPA Weight

Prerequisite: None

NOTE: This course will involve a lot of independent study and will likely be scheduled during another music course

Guitar Study	Full Year 1 Credit	Grades 9-12	College / Career Prep
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4.0 GPA Weight
Prerequisite: None
 Have you ever dreamed of playing the guitar? Whether you love music, want to play guitar for your family and friends, or desire to be a music star, this course is a great place to start. No prior music experience is needed. You will learn the fundamentals of music and the basic skills necessary to play a wide variety of music styles.
NOTE: This course will involve a lot of independent study and will likely be scheduled during another music course.

Mathematics

4 CREDITS OF MATHEMATICS IS REQUIRED FOR GRADUATION. ONE OF THOSE COURSES MUST BE ALGEBRA I.
STUDENTS MUST TAKE A MATH COURSE SENIOR YEAR.

ENTRY LEVEL	INTERMEDIATE	ADVANCED
PRE - ALGEBRA	ALGEBRA I*	RS STATISTICS
MATH SKILLS I & II	GEOMETRY	PRE - CALCULUS
ALTERNATIVE ALG I	ALGEBRA II	RS CALCULUS
MATH IN ART	HISTORY OF MATH	RS PRE-CALCULUS
	CAREER MATHEMATICS	RS QUANTITATIVE REASONING

Pre - Algebra	Full Year 1 Credit	Grades 7 - 11	College / Career Prep
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4.0 GPA Weight

Pre-Requisites: *If a middle school student, recommendation from the most recent Math teacher is required.*

The students will master the foundations for a solid mathematical understanding which will prepare them for a successful experience in high school mathematics. Algebraic and geometric concepts will be integrated into every unit and meaningful connections will be made to real-world problem solving.



Math Skills I & II	Full Year 1 Credit	Grades 9-11	College / Career Prep
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4.0 GPA Weight

Pre-Requisites: *Recommendation from previous year teacher*

Topics covered are order of operations, number theory; fraction and decimal operations; U.S. customary and metric measurements; ratio, proportion, and percent; introduction to statistics and probability; integer operations, solving equations, and basic geometry.

NOTE: *This course cannot be taken after Pre-Algebra or Algebra I.*



Alternative Algebra I	Full Year 1 Credit	Grades 9-12	College / Career Prep
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4.0 GPA Weight

The Elements of Basic Algebra has grade-level content in an age-appropriate, easy-to-read format. It is appropriate for students with dyslexia, ADHD, or cognitive learning disabilities. Students' progress independently with standards-aligned, self-explanatory lessons. Basic Algebra topics such as, properties, exponents, and order of operations are introduced in a step-by-step, easy to follow format. Students learn through real life examples, and with the inclusion of service-learning opportunities making Algebra easy and fun!



Algebra I*	Full Year 1 Credit	Grades 7-12	College / Career Prep
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4.0 GPA Weight

This course is required for graduation.

Pre-Requisites: *If a middle school student, recommendation from the most recent Math teacher is required.*

This course will provide the necessary foundation for students who will be taking more advanced math courses. Students will acquire a fundamental understanding of the following topics: operations with rational numbers; set theory; simplifying algebraic expressions; linear equations and inequalities; equations and inequalities involving absolute value; literal equations and formulas; linear equations and inequalities with two variables; systems of linear equations with two variables; polynomials; and quadratic equations with one variable. Applying algebraic reasoning to problem solving will be strongly emphasized.



Geometry	1 Semester 1 Credit	Grades 8-12	College / Career Prep
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4.0 GPA Weight

Pre-Requisites: *Algebra I*

Geometry teaches logical, sequential thinking through the activities of writing geometric proofs, applying geometric definitions, postulates, math theorems to the solution of various problems and constructing geometric figures with compass and straightedge.



Algebra II	1 Semester 1 Credit	Grades 8-12	College / Career Prep
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4.0 GPA Weight

Pre-Requisites: *Algebra I*

This course is oriented toward preparing students for college or technical math courses. The students will develop basic knowledge and competencies in the following areas: properties of the real numbers, linear relationships in one and two variables, systems of linear equations and inequalities; conic sections; the complex number system; quadratic equations and functions; exponential and logarithmic equations and functions; sequences and series relations and functions, quadratic sentences, conic and quadratic systems, exponents and logarithms, sequences and series, trigonometry, trigonometric equations, polynomial equations, and determinants.



Pre-Calculus	1 Semester 1 Credit	Grades 10-12	College / Career Prep
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4.0 GPA Weight

Prerequisites: *Algebra 2 and Geometry*

This course builds on material learned in previous courses in order to prepare students for more advanced college mathematics. Topics covered include: composition of functions, inverse functions, polynomial and rational functions, exponential and logarithmic functions, the circular functions; matrices and determinants, and polar coordinates



Math In Art	1 Semester .5 Credit	Grades 9-12	College / Career Prep
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4.0 GPA Weight

Pre-Requisites: *None*

In this course students will explore art in Mathematics. Students will acquire a fundamental understanding of the mathematics behind tessellations, fractals, symmetry, the golden ratio, and logos. Applying mathematical ideas and computations from other core mathematics courses will be used in this course.

Career Mathematics

1 Semester
.5 Credit

Grades
9-12

College / Career Prep

4.0 GPA Weight

Pre-Requisites: Algebra I

Career Math is designed to help students extend their knowledge of mathematics and develop appropriate consumer and career mathematical skills. Course content will cover such topics as basic operations, ratio, percent, algebra and geometry concepts, probability, measurement and many consumer topics.

RS Quantitative Reasoning

1 Semester
/1 Credit

Grades
10-12

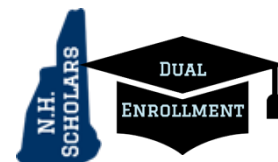
College / Career Prep

5.0 GPA Weight

Pre-Requisites: Algebra 1, Geometry, and Algebra 2

In this course students will have a deep understanding of the following concepts - Algebra is the language through which much of mathematics, science, and technology are communicated; Patterns, relations, and functions can be used to describe, interpret, and predict real world phenomena; Models can be used to represent and understand quantitative relationships; Tables, graphs, and equations are ways for depicting and analyzing patterns of change in data.

Project Running Start Course (4 college credits)



RS Pre-Calculus

1 Semester
1 Credit

Grades
10-12

College / Career Prep

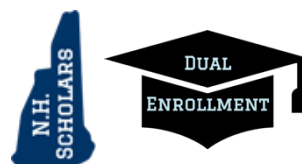
5.0 GPA Weight

Prerequisites: Algebra 2 and Geometry

This course builds on material learned in previous courses in order to prepare students for more advanced college mathematics. Topics covered include: composition of functions, inverse functions, polynomial and rational functions, exponential and logarithmic functions, the circular functions; matrices and determinants, and polar coordinates

Project Running Start course (4 college credits)

NOTE: This course is currently only available at Canaan Schools. If a qualified instructor is available, it can be offered at CAES.



RS Calculus

1 Semester
1 Credit

Grades
10-12

College / Career Prep

5.0 GPA Weight

Prerequisites: Pre-Calculus

This course builds on material learned in previous courses in order to prepare students to take more advanced college mathematics. Graphic calculators will be used extensively in this course. Topics covered include: functions, graphs, and limits, derivative and applications, and integrals and applications.

Project Running Start course (4 college credits)

NOTE: If a qualified instructor is available, it can be offered at CAES. If offered at CAES, it'll be offered every other year, opposite Statistics.



RS Statistics	1 Semester 1 Credit	Grades 10-12	College / Career Prep
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5.0 GPA Weight

Pre-Requisites: Algebra 2 and Geometry

This course builds on material learned in previous courses in order to prepare students for more advanced college mathematics. Topics covered include: frequency distributions and graphs, counting techniques, discrete probability distribution, the normal distribution, central limit theorem, confidence intervals and sample size, hypothesis testing, correlation and regression, and analysis of variance.



Project Running Start course (4 college credits)

NOTE: If a qualified instructor is available, it can be offered at CAES. If offered at CAES, it'll be offered every other year, opposite Calculus.

History of Math	1 Semester .5 Credit	Grades 9-12	College / Career Prep
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4.0 GPA Weight

Pre-Requisites: None

In this course students will learn about the beginning of Mathematics from the time of Pharaohs to iPhones. Students will learn about number systems that are different from our base 10 system. They will also study mathematicians and their contributions to the field of mathematics. Students should have taken at least Algebra 1 to take this course.

Science

3 CREDITS OF SCIENCE IS REQUIRED FOR GRADUATION (CLASS OF 2025 AND BEYOND).
2 CREDITS OF SCIENCE REQUIRED FOR CLASS OF 2023 & 2024
MUST TAKE BIOLOGY AND PHYSICAL SCIENCE

ENTRY LEVEL	INTERMEDIATE	ADVANCED
PHYSICAL SCIENCE*	MARINE SCIENCE	RS HUMAN BIOLOGY
BIOLOGY*	ANIMAL AND WILDLIFE	RS CHEMISTRY
	FORENSICS	RS MEDICAL TERMINOLOGY
	ANATOMY & PHYSIOLOGY	RS BIOLOGY

Physical Science*	1 Semester 1 Credit	Grades 9-10	College / Career Prep
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4.0 GPA Weight

Prerequisite: None

The basic concept of this course is to provide elemental information on the physical sciences. This course is an excellent preliminary course for those who want additional preparation before taking college prep Chemistry or Physics. Students planning on a vocational/technical school after graduation are strongly encouraged to add this course to their program.

A Physical Science course is required for graduation.



Forensics	1 Semester .5 Credit	Grades 9-10	College / Career Prep
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4.5 GPA Weight

Prerequisites: Biology

Forensics is a mixed science involved with finding connections between people, places and things in association with criminal activities. It is a science that was designed to aid the justice system. This class does hands-on activities along with virtual labs to deepen our understanding into the investigative process and criminal actions.



Biology*	1 Semester 1 Credit	Grades 9-10	College / Career Prep
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4.0 GPA Weight

Prerequisite: None

Biology is the branch of science devoted to the study of life and/or living things. The course is presented using Google Classroom, lectures, and many other hands-on resources. This course is lecture-based with many accompanying labs. The course focuses on Cell Biology, Biochemical pathways, Genetics, Anatomy of living creatures and Ecology.

Objectives - The student will:

This course is required for graduation.



1. Develop a better understanding of themselves and the natural world.
2. Learn useful study skills such as note taking, etc.
3. Actively participate in practical labs to supplement their work in the text and/or illustrate important concepts.
4. Several formal lab reports will be required.
5. Learn enough of the scientific body of knowledge so as to be adequately prepared for college

Marine Science

1 Semester
.5 Credit

Grades
10-12

College / Career Prep

4.5 GPA Weight

Prerequisites: Biology or Physical Science

This new, robust high school course blends Life, Earth and Physical Science and includes STEM pedagogical strategies that help students understand integrated science content in the context of the ocean - Earth's greatest resource. We will apply our knowledge of Biology to marine life, understanding how the ocean works and how life forms function in this other world, classifying organisms, understanding the different types of life, as well as understanding the physical aspects of the ocean, like tides, currents, dead zones, etc. Our goal is to explain the scope and methodology of marine science and the role that scientific investigations play on the search for scientific understanding of the sea.

Animal & Wildlife Science

1 Semester
.5 Credit

Grades
9-12

College / Career Prep

4.0 GPA Weight

In this course, study focuses on the science, research, and business of animals and other living organisms. It teaches students how to apply biology and life science to real-world life processes of animals and wildlife, either in laboratories or in the field, which could include a veterinary office, a farm or ranch, or any other outdoor area harboring animal life. Students may also research and analyze the growth and destruction of species and research or diagnose diseases and injuries of animals. Students study large, small, and specialty animals and cover animal nutrition, health, behavior, selection, reproduction, anatomy and physiology, facilities, product processing, and marketing. Students explore the necessary elements--such as diet, genetics, habitat, and behavior--to create humane, ecologically and economically sustainable animal production systems, as well as preserving and conserving the environment for all of Earth's animals.

Earth Science

1 Semester
.5 Credit

Grades
9-12

College / Career Prep

4.0 GPA Weight

Prerequisite: None

The Earth Science course emphasizes four main disciplines:

Astronomy - study of the universe

Geology - study of rocks, minerals, etc.

Meteorology - study of weather

Oceanography - study of waves, currents, ocean topography

Regular formative assessments are given along with larger summative projects.

Research Papers and presentations are required.

Where applicable, current scientific achievements are also incorporated and discussed.

Objectives:

1. Develop a better understanding of the natural world and scientific approaches at problem solving.
1. Learn specific study skills such as reading comprehension, logical thinking, note-taking, etc.

2. Learn the fundamental concepts in the above-mentioned disciplines so as to be prepared for sequential college preparatory science courses (Biology A, Chemistry, and Physics).

Anatomy & Physiology

1 Semester
1 Credit

Grades
10-12

College / Career Prep

4.5 GPA Weight

Prerequisites: Biology

This course provides a deep investigation into health and medical science. We will be researching the anatomy and physiology of the human body along with health issues that plague our body systems. Topics will include all body systems such as but not limited to integumentary, skeletal, muscular, nervous, digestive, endocrine, circulatory, and sensory. This is a google based classroom that utilizes lecture, discussion and hands-on activities. A dissection unit, along with models, will be utilized to support the understanding of the body.

Concepts are reinforced with lab activities and demonstrations.

Regular formative assessments are given along with larger summative projects. Lab reports and presentations are required.



Ecology

1 Semester
.5 Credit

Grades
11-12

College / Career Prep

4.0 GPA Weight

Prerequisites: Biology

Ecology is the study of organisms and their interactions with the biotic and abiotic surroundings. The environment is all around us, and often we take it for granted. However, human actions are stressing and changing our environment in ways we have never seen. We use a combination of class discussion, case studies, and labs to expand our understanding of these issues.

A key focus will be put on the natural and man-made changes in the environment and to organisms, such as pollution, and the expansion of the population. Weekly formative assessments are given along with larger summative projects. Research papers and presentations are required.

NOTE: Grade 10 with teacher permission

Paleontology

1 Semester
.5 Credit

Grades
9-12

College / Career Prep

4.5 GPA Weight

Prerequisites: None

From cephalopods and the agnathia to the woolly mammoth and the Dinosauria, Paleontology offers high school students the opportunity to learn about the prehistoric creatures that roamed the earth before modern man, as well as fossils, plants and paleontology as a field of study. We will examine the biology, ecology and Earth sciences from times long before humans. Dinosaurs will only be a portion of the topics. Others would be previous climate changes and climate disasters, evolution, extinctions and the variety of plants and animals from all different periods.

Astronomy

1 Semester
.5 Credit

Grades
10-12

College / Career Prep

4.5 GPA Weight

Prerequisites: Physical Science

Why do stars twinkle? Is it possible to fall into a black hole? Will the sun ever stop shining? Since the first glimpse of the night sky, humans have been fascinated with the stars, planets, and universe that surrounds us. This course will introduce students to the study of astronomy, including its history and development, basic

scientific laws of motion and gravity, the concepts of modern astronomy, and the methods used by astronomers to learn more about the universe. Additional topics include the solar system, the Milky Way and other galaxies, and the sun and stars. Using online tools, students will examine the life cycle of stars, the properties of planets, and the exploration of space.

RS Physics

1 Semester
1 Credit

Grades
10-12

College / Career Prep

5.0 GPA Weight

Prerequisites: Algebra I, Algebra II

Physics is the study of energy and its relation to natural law. This course is for students who plan to major in some field of science or have a general interest in the universe.

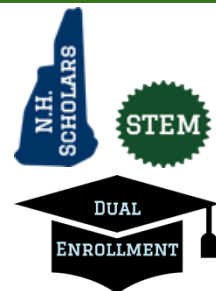
Concepts are reinforced with lab activities and demonstrations.

Regular formative assessments are given along with larger summative projects.

Lab reports and presentations are required.

NOTE: Project Running Start Course (4 college credits)

Depending on interest, this course may be offered every other year opposite RS Human Biology



RS Chemistry

1 Semester
1 Credit

Grades
10-12

College / Career Prep

5.0 GPA Weight

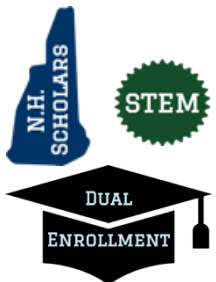
A Physical Science course is required for graduation.

Prerequisites: Algebra I, Algebra II

Chemistry is the study of matter, its composition, its structure and its properties.

Topics covered include the language of chemistry, units of measure and measurement, atomic structure and theory, periodic law and classification of elements, changes of state, classification of matter, chemical bonding and reactions, solutions, acids and bases, stoichiometry, gas laws and lab safety. Concepts are reinforced with lab activities and demonstrations. Regular formative assessments are given along with larger summative projects.

Lab reports and presentations are required.



RS Human Biology

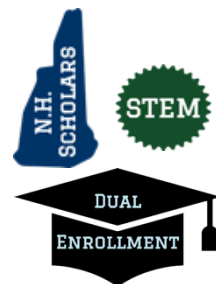
1 Semester
1 Credit

Grades
10-12

College / Career Prep

5.0 GPA Weight

This one-semester course in Human Biology introduces students to the structures and functions of the human body. Background information includes chemistry for human biology, cell structure and function, and human organization. Major topics include the digestive, circulator, lymphatic, respiratory, urinary, skeletal, muscular, nervous, and reproductive systems, along with the senses and basic genetics. Laboratory activities are designed to enhance and reinforce selected lecture topics. Integrated laboratory work augments lecture topics. The course is designed for those involved in direct patient care as medical assistants or for those pursuing a career in medical billing and coding.



RS Medical Terminology

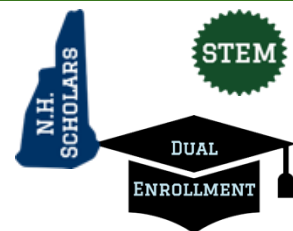
1 Semester
1 Credit

Grades
10-12

College / Career Prep

5.0 GPA Weight

Medical Terminology applies a system's approach to teaching the vocabulary necessary for persons employed in the allied-health professions. Topics include medical vocabulary, medical history, physical examination, an introduction to anatomy, and all body systems, including eye, ear, nose, and throat. Topics also include surgery, pathology, discharge summaries, mental health, and autopsies.



RS Biology

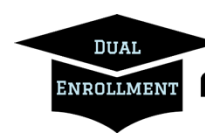
1 Semester
.5 Credit

Grades
10-12

College / Career Prep

5.0 GPA Weight

This course is a one-semester college-level course in biology covering the fundamental concepts of the molecular basis of life, cell theory, cell division, cellular respiration, photosynthesis, DNA, RNA, and basic genetics. It offers a survey of life and an introduction to taxonomy, evolution, and basic ecology. The course includes integrated laboratory work.



Social Studies

2.5 CREDITS OF SOCIAL STUDIES ARE REQUIRED FOR GRADUATION.

STUDENTS MUST TAKE US/NH HISTORY, CIVICS, ECONOMICS AND EITHER WORLD HISTORY OR GEOGRAPHY

ENTRY LEVEL

GEOGRAPHY*

CIVICS*

WORLD HISTORY*

ANCIENT AND MEDIEVAL

20TH CENTURY HISTORY – FILM

CURRENT EVENTS

INTERMEDIATE

ECONOMICS*

US HISTORY*

NH HISTORY*

HOLOCAUST

PSYCHOLOGY

SOCIOLOGY

WORLD RELIGIONS

POLITICAL SCIENCE

ADVANCED

RS LEGAL AND ETHICAL ISSUES

RS AMERICA IN THE 20TH CENTURY

RS PSYCHOLOGY

RS SOCIOLOGY

RS ABNORMAL PSYCHOLOGY

RS HUMAN GROWTH & DEVELOPMENT

Ancient and Medieval

1
Semester
.5 Credit

Grades
9-12

College / Career Prep

4.0 GPA Weight

This is a survey course that begins with the civilizations of the ancient Near East and continues through the Reformation in Europe. Students focus on the geographic, political, social, economic, and cultural factors that have shaped the development of ideas and institutions from Mesopotamia to the present day.

Economics*

1 Semester
.5 Credit

Grades
10-12

College / Career Prep

4.0 GPA Weight

Pre-Requisites: None

This course is an introduction to the methodology and analytical tools used by economists. It applies economics to the problems of unemployment and inflation, the distribution of income, competition and monopoly, and the role of government in the economy. It includes macroeconomic issues such as unemployment and inflation,

This course is required for graduation.



financial institutions, international trade, economic growth, and comparative systems. Microeconomic topics include markets, and prices, supply and demand, competition and market structure, distribution of income, market failures, and the role of government.

NOTE: This course is typically taken during 11th or 12th grade.

Geography*

1 Semester
.5 Credit

Grades
9-12

College / Career Prep

4.0 GPA Weight

Pre-Requisites: None

A systematic examination of the regions of the World with an emphasis on the following themes: physical, cultural, political and economic geography. Religion and language will be touched upon as well.

NOTE: This course is typically taken during 9th or 10th grade.



Civics*

1 Semester
.5 Credit

Grades
9-12

College / Career Prep

4.0 GPA Weight

Pre-Requisites: None

This course is required for graduation.

Civics is a study of the United States Government and Constitution. The primary focus will be on the three branches of government, the checks and balances system, the division of powers, and our place in government. Included in this course of study will be a look at New Hampshire's Government, its Constitution, and the role of its citizens.



US History*

1 Semester
.5 Credit

Grades
11-12

College / Career Prep

4.0 GPA Weight

Pre-Requisites: None

This course is required for graduation.

The course focuses on American History from its colonial origins through its struggle to become a world power. Special emphasis is placed on the wars the United States has fought, the reasons for the wars, the outcomes, and the hypothetical situations the United States would be in had any of those wars been lost. Emphasis is also placed on economic, diplomatic, political, and social aspects of the United States. This course covers the major eras of the Twentieth Century such as Progressivism, World War I and II, the Depression, the Cold War, Civil Rights Movement, Vietnam, Watergate, and Reagan.



NH History*

1 Semester
.5 Credit

Grades
11-12

College / Career Prep

NH History is broken down into separate units, which will coincide with different eras in New Hampshire history. Each era will be addressed in terms of its history, civics, and government of New Hampshire. Various assignments, projects, and activities will be assigned that relate to each unit of study. One unit will be dedicated to general New Hampshire information, and one on a Colebrook history project.



World History*	1 Semester .5 Credit		Grades 9-12	College / Career Prep
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4.0 GPA Weight

Pre-Requisites: None

Students will cover prehistory through the Crusades, with special emphasis on western civilization including Egypt, Greece, Rome, and Medieval Europe. (This course is being adjusted to meet the new standards in New Hampshire, so more eras may be covered.)

NOTE: This course is typically taken during 9th or 10th grade.



Holocaust	1 Semester .5 Credit	Grades 11-12	College / Career Prep
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4.0 GPA Weight

Pre-Requisites: None

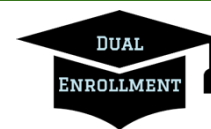
The mission of this class is to expose students to the issues associated with Genocide. We will explore the creation, perpetration, and facilitation of genocide through multiple approaches including: history, sociology, psychology, political science, and economics. The Holocaust will be used as the baseline to then examine other atrocities of the 20th and 21st century. They include but are not limited to: Armenian Genocide, Soviet Union programs under Lenin and Stalin (Holodomor), The Invasion of Manchuria, Mao's great leap forward, Pol Pot and the Khmer Rouge, Rwanda, Bosnia and modern North Korea.



RS Legal and Ethical Issues	1 Semester 1 Credit	Grades 11-12	College / Career Prep
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5.0 GPA Weight

Legal and Ethical Issues introduces concepts of ethics from their origin in antiquity to their application in today's world. The course explores morality, moral values, and the codification of these values into our legal system. It likewise examines major contemporary ethical issues enabling students to engage in the process of ethical decision-making.



Introduction to Psychology	1 Semester .5 Credit	Grades 11-12	College / Career Prep
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4.0 GPA Weight

Pre-Requisites: None

This will serve as a basic introduction to the field of Psychology. Students will explore such topics as behavior, the mind and body, development, and modern trends in the field. An emphasis will be placed on research, speaking, and analytical skills.

Individual and group projects, labs, etc. will be implemented to broaden students' knowledge.



20th Century History - Film	1 Semester .5 Credit	Grades 9-12	College / Career Prep
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4.0 GPA Weight

Pre-Requisites: None

In this course we will study the effect different time periods have on the media that is created during that period. We will focus on how films are a reflection of the time period, showing what people cared about and what they wanted.

Current Events

1 Semester
.5 Credit

Grades
11-12

College / Career Prep

4.0 GPA Weight

Pre-Requisites: None

Current Events is a course that is driven by events that occur around the world. Students, on a nightly basis, will listen to or read about a story from any news source and report this news item to the rest of the class. The students will report on their individual current events to the rest of the class. The class will then, if practical, discuss or debate the significance of the current debate.

In addition to the daily events, each student will choose a particular event that is ongoing and research and follow this event throughout the duration of the course. Upon the end of the course, each student will report on their chosen topic to the class.



Sociology

1 Semester
.5 Credit

Grades
11-12

College / Career Prep

4.5 GPA Weight

Pre-Requisites: None

This course will focus on providing students with basic understanding of sociological concepts and methods. The course includes an analysis of various types of society and issues related to religion, government, poverty, race and crime. An emphasis will be placed on the development of critical thinking skills, reading, essay writing, note taking and research skills.

Sociology is a course that seeks to study human society and social behavior. Sociologists concentrate their attention on social interaction –the ways in which people relate to one another and influence each other's behavior. This course will look at a variety of social issues, their causes, their consequences, and the connections to our personal lives.

NOTE: Alternates every other year with Holocaust course



RS America in the 20th Century

1 Semester
1 Credit

Grades
10-12

College / Career Prep

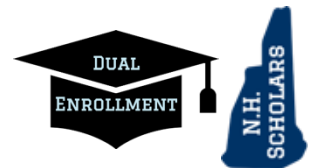
5.0 GPA Weight

Pre-Requisites: At least 1 English credit, preferably two

A survey of history of the United States from 1900 to the present focusing upon areas of social, economic, political and diplomatic history.

Project Running Start course (3 college credits)

NOTE: This course hasn't officially been approved by the college.



World Religions

1 Semester
.5 Credit

Grades
11-12

College / Career Prep

4.0 GPA Weight

Pre-Requisites: At least 1 social studies credit

World Religions is an honors level elective Social Studies course which will examine religion through a historical, social, political, and economic lens. Students will understand the connection between religion and society, and the many way these two ideas are intertwined. By looking at both the origins of religion and our modern world, students will have a fuller understanding of the beliefs, culture, and conflict surrounding the religions of the world. We will cover a variety of religions from all over the world throughout the year, examining each through historical, cultural, and sociological contexts. Units of study will include Ancient Religion, Christianity, Judaism, Islam, Eastern Religions, African Religions, and Cults and Modern Religions.



Political Science	1 Semester .5 Credit	Grades 11-12	College / Career Prep
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4.0 GPA Weight

Pre-Requisites: Civics

The study of government and civics equips students to understand the nature of government and the unique characteristics of American representative democracy, including its fundamental principles, structure, and the role of citizens. Understanding the historical development of structures of power, authority, and governance and their evolving functions in contemporary U.S. society and other parts of the world is essential for developing civic competence. An understanding of civic ideals and practices of citizenship is critical to full participation in society and is a central purpose of social studies.

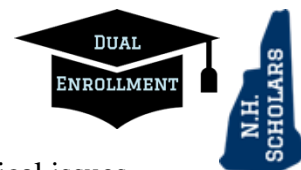


RS Abnormal Psychology	1 Semester .5 Credit	Grades 11-12	College / Career Prep
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5.0 GPA Weight

Prerequisite: RS Psychology

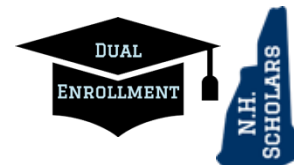
Abnormal Psychology surveys abnormal psychology and mental illness. The course involves presentation and discussion of topics such as major disorders, mental illnesses, and the psychological, social, and cultural impact of mental disorders. The course also covers the use of diagnostic criteria, recent developments in treatment, and legal and ethical issues.



RS Human Growth & Development	1 Semester .5 Credit	Grades 11-12	College / Career Prep
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5.0 GPA Weight

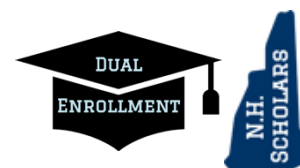
Human Growth and Development explores human development from a psychological point of view. The course emphasizes the developmental stages of the lifespan, along with cognitive growth patterns.



RS Psychology	1 Semester .5 Credit	Grades 11-12	College / Career Prep
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5.0 GPA Weight

Psychology is an introductory course that surveys the behavioral science of psychology. Students explore personal and social behaviors through topics that include consciousness, memory, learning, perception, physiology, sexuality, cognition, abnormal behavior, and developmental processes. Applied research projects are an integral component of the course, which emphasizes the analysis of data, along with the theories and trends in the field.



RS Sociology	1 Semester .5 Credit	Grades 11-12	College / Career Prep
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5.0 GPA Weight

Sociology introduces students to the scientific study of society and social life. It focuses on the ways that societies develop, persist, and change. The course places particular emphasis on group processes.



Intro to Criminal Justice

1 Semester
.5 Credit

Grades
11-12

College / Career Prep

4.0 GPA Weight

Pre-Requisites: None

Introduction to Criminal Justice covers the history, development, and current state of the criminal justice system in the United States, along with the challenges it faces. When appropriate, students visit relevant agencies.

Criminology

1 Semester
.5 Credit

Grades
11-12

College / Career Prep

4.0 GPA Weight

Pre-Requisites: None

Criminology conducts a detailed analysis of the development of criminological theory, taking into account the contributing disciplines of biology, psychology, sociology, and political science, applying integrated theory to combine these disciplines. The course also pays attention to the offender/ victim relationship.

Technology & Stem

ENTRY LEVEL

INTRO TO COMPUTER SCIENCE

WOODWORKING I & II

ROBOTICS

HANDY SKILLS

INTRO TO TECHNOLOGY

INTERMEDIATE

PLUMBING & ELECTRICAL

BASIC CARPENTRY

POWER SPORTS

DIESEL MECHANICS

WELDING & METALS I & II

HVAC

ADVANCED

AUTO I & II

RS PC OS SECURITY AND CLOUD FUNDAMENTALS

RS PC/MOBILE HARDWARE

RS PROGRAMMING PYTHON

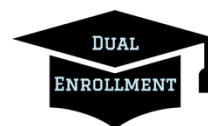
RS DATABASE DESIGN

Automotive I & II

5.0 GPA Weight

Prerequisites: None

Introduction to Automotive Service provides a comprehensive study of the basics in automotive technology including safety, precision measuring and the proper use of tools and equipment. Students also learn how to use computerized information systems and follow laboratory procedures and policies.



Intro to Computer Science

1 Semester
.5 Credit

Grades
9-12

College / Career Prep

4.0 GPA Weight

Prerequisites: None

This course is designed to broaden participation in computer science. The curriculum includes daily lesson plans made up of inquiry-based activities, videos, assessments, and computing tools, allowing students to discover the core concepts of computing software, the internet and the digital realm's effects on daily life. This course is designed to give students the skills and basic computer science knowledge necessary to compete in today and tomorrow's workforce.



Intro to Technology

1 Semester
.5 Credit

Grades
9-12

College / Career Prep

4.0 GPA Weight

Pre-Requisites: None

Students will explore the various aspects of today's technologies. This course will touch upon several areas within the technology pathways. Power and energy as it relates to old and new technology will be explored along with alternative and renewable energy sources. Models of systems will be made, researched and tested. Transportation issues of today, alternative electrical generation and other top issues facing the world will be presented to students. As part of this course, students will be exploring innovations and inventions that are changing the way people live. Students will look into the way we produce a manufactured product and how

materials to make these products are changing. A basic knowledge of working with different materials, tools, machines and processes will be explored. Students will explore basic computing software, manufacturing machines, and web-based applications.

Planning and Design / CAD I

1 Semester
.5 Credit

Grades
9-12

College / Career Prep

4.0 GPA Weight

Prerequisite: *Introduction to Technology*

This course is an introduction to the Design Process and will allow students the opportunity to learn, demonstrate, and utilize basic technical skills in measuring, sketching, drawing, drafting, 3D CAD and more.

CAD II / CAM

1 Semester
.5 Credit

Grades
9-12

College / Career Prep

4.5 GPA Weight

Prerequisites: *Planning & Design/CAD I*

This course furthers students understanding of Computer-Aided Design and introduces students to the different areas of Computer-Aided Machining and Manufacturing. Students will study different manufacturing processes and have hands-on experience with 3D print prototyping.

NOTE: This could be open to 9th grade if the prerequisites are met

Advanced Placement Computer Science

1 Semester
1 Credit

Grades
9-12

College / Career Prep

5.0 GPA Weight

Prerequisites: *ICT, Introduction to Computer Science, and Web Design as well as Algebra I and Algebra II*

Students who complete this course will become familiar with the concepts and tools of computer science as they learn a subset of the Java programming language. They will do hands-on work to design, write, and test computer programs that solve problems or accomplish tasks. Students will design a program, develop the algorithms it needs, and write code to implement them. They will also test program code and correct errors and document and explain how program code works. In May, all students will take the Advanced Placement College Board exam.

NOTE: Some of the prerequisites may be waived by the teacher. 10th grade may enroll with teacher approval.

Web Design

1 Semester
.5 Credit

Grades
9-12

College / Career Prep

4.0 GPA Weight

Prerequisites: *ICT, Intro to Computer Science*

Web design is a class that will require students to create modern and adaptive web pages for personal or business use. This course begins with a deeper understanding of HTML and the introduction of CSS, and focuses on the user interface and experience of modern web pages. Students will be expected to work collaboratively as well as individually.

Game Design

1 Semester
.5 Credit

Grades
9-12

College / Career Prep

4.0 GPA Weight

Prerequisites: *ICT, Introduction to Computer Science, and Web Design*

Game design is a critical-thinking and hands-on class that will require students to develop and prototype two games, one physical and one digital. The class also explores the history of games and game concepts, including

some game theory. This class expects students to work collaboratively as well as individually and may require game development to occur outside of class time/school hours.

Small Gas Engines

1 Semester
.5 Credit

Grades
9-12

College / Career Prep

4.0 GPA Weight

Prerequisites: None

In this course students will study the Small Gas Engine Theory and how it applies to internal combustion engines. Areas of study will include construction, operation, lubrication, and maintenance. Students will learn troubleshooting techniques, as well as service, rebuilding, and repair. Students are required to obtain their own small engine. The course will then take them through the processes of disassembling, rebuilding, and repairing with the goal of getting the engine running. This course may be used as a prerequisite for students entering the Automotive Technology Program.

Woodworking I & II

2 Semester
1 Credit

Grades
9-12

College / Career Prep

4.0 GPA Weight

Prerequisites: None

This course will help students develop skills in planning a project and estimating costs to complete a project. Students will learn how to develop sketches and drawings according to industry standards. Students will be required to pass written tests on safety and the proper use of all advanced power woodworking equipment. Each student will demonstrate appropriate machine operation while building his or her own required wood project. Upon completion of required projects, students will have the opportunity to select a project fitting their abilities. Areas covered will include: planning, measurement, selection of wood, gluing, cutting, sanding, staining, and finishing. Advanced areas to be covered (time permitting include: wood joints, wood-turning, millwork, cabinet making, tool sharpening, and machine maintenance. Students may be required to purchase wood and materials necessary to complete their elective projects.

NOTE: This course may be taken multiple times.

Robotics

1 Semester
.5 Credit

Grades
9-12

College / Career Prep

4.0 GPA Weight

Prerequisite: Introduction to Technology

You will study basic computer hardware and software systems. The major emphasis of the course will be using the LEGO DACTA Control Lab system and the LEGO Mindstorm system to build, program and operate computer-controlled devices, including a robot capable of performing different tasks. Through these models you will study the areas of communication, construction, manufacturing and transportation.



RS PC OS Security and Cloud Fundamentals

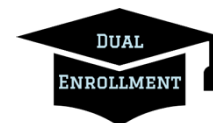
1 Semester
.5Credit

Grades
10-12

College / Career Prep

5.0 GPA Weight

This course is a continuation of the current material taught in IST 104C with emphasis placed on CompTIA's Core 2 Objectives. Labs and hands-on activities are used extensively to illustrate concepts. Topics include installing, maintaining, troubleshooting, and optimizing computer operating systems. Significant time is dedicated to security topics, best practices, and exploring real-world security issues. Mobile devices, virtualization, and software



diagnostic utilities are also covered. This course prepares students for the second exam in CompTIA's A+ certification path

RS PC/Mobile Hardware and Networking

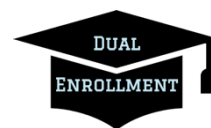
1 Semester
.5Credit

Grades
9-12

College / Career Prep

5.0 GPA Weight

An in-depth exposure to computer hardware concentrating on CompTIA A+ Core 1 objectives. Students learn the functionality of computer hardware and suggest best practices in maintenance and safety issues. Through hands-on activities and labs, students learn how to assemble and configure computer hardware and the basic installation of Windows operating systems. In addition, an introduction to networking is included. This course prepares students for the first exam in CompTIA's A+ certification path, CORE 1 (220-1001). Students registering for this course should be proficient in daily computer use (such as downloading and installing software from the internet) and should be familiar with basic computer terms.



RS Programming Essentials in Python

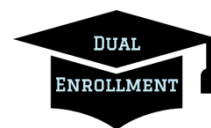
1 Semester
.5Credit

Grades
9-12

College / Career Prep

5.0 GPA Weight

Covers all the basics of programming in Python, as well as general computer programming concepts and techniques. The course also familiarizes the student with the object-oriented approach. Students have access to hands-on practice materials, quizzes, and assessments to learn how to utilize the skills and knowledge gained on the course and interact with some real-life programming tasks and situations. The aim of the course is to familiarize students with general computer programming concepts like conditional execution, loops, Python programming language syntax, semantics, and the runtime environment, as well as with general coding techniques and object-oriented programming. This course is aligned towards the PCAP industry certification and once students complete this course they will be ready to take the PCAP –Certified Associate in Python programming. The Python Institute offers students who successfully complete the PCAP | Programming Essentials in Python course a 51% discount on the list price for the PCAP | Python Certified Associate Programmer Certification exam taken at Pearson VUE Testing Centers.



RS Database Design and Management

1 Semester
.5Credit

Grades
9-12

College / Career Prep

5.0 GPA Weight

Introduces students to the basic concepts used in database design and advanced topics such as structured query language (SQL), data modeling, table creation, normalization, views, forms, queries, and reports. The lab component includes development of business applications using a relational database, MS SQL Server. This is an entry-level course. No prior database knowledge is needed.



Power Sports

1 Semester
.5 Credit

Grades
10-12

College / Career Prep

4.0 GPA Weight

Students in this course will learn shop safety and personal protection, four-cycle theory, two-cycle theory, Tools & Equipment – identification, proper usage, Fasteners & thread repair, 4-cycle Engine (top end) disassemble & reassemble, Oil and lubrication, Carburetors & fuel systems, Basic Electrical

Theory & Hands-on Applications, Fuel Injection, Ignition Systems, Starting Systems, Precision Measuring, Transmission & Clutch, Suspension Systems, Parts & service manuals

Intro to Diesel Mechanics

1 Semester
.5 Credit

Grades
10-12

College / Career Prep

4.0 GPA Weight

Introduces the student to the tools and equipment used in a heavy-duty diesel shop, diesel shop work orders, vehicle classifications, fasteners and repair hardware, rigging and lifting, and basic diesel shop equipment operation.

Intro to Plumbing / Electrical

1 Semester
.5 Credit

Grades
10-12

College / Career Prep

4.0 GPA Weight

Prerequisites: None

Introduction into plumbing, electrical and mechanical systems and how they apply to project management, including codes, inspections, sequence of events and estimation. Upon completion of this course, students will understand the basic fundamentals of plumbing, electrical and mechanical systems

Plumbing / Electrical

1 Semester
.5 Credit

Grades
10-12

College / Career Prep

4.0 GPA Weight

Students will learn advanced plumbing and electric in the fields of renewable energy resources. Specific learning will explore solar electric, solar thermal, hydroelectric, and wind generation

Welding & Metals I & II

2 Semester
1 Credit

Grades
9-12

College / Career Prep

4.0 GPA Weight

This class is an introduction to an exciting and lucrative career! Students will become familiar gas and plasma cutting, brazing, arc welding, wire feed welding and TIG welding. They will also learn the importance of measuring precisely and drawing items to scale.

Repairs and Tool Safety

1 Semester
.5 Credit

Grades
10-12

College / Career Prep

4.0 GPA Weight

Prerequisites: None

In this class students will learn a variety of everyday skills that will help them beyond the classroom. Topics such as changing a tire, changing and checking oil, changing a lightbulb, unclogging a drain etc will be the focus of this class allowing students to gain the everyday skills they may not have the chance to learn.

Advanced Repairs

1 Semester
.5 Credit

Grades
10-12

College / Career Prep

4.0 GPA Weight

Prerequisites: Repairs and Tool Safety

In this class students will learn a variety of advanced everyday skills that will help them beyond the classroom. Topics will vary dependent on learning from previous class.

Intro to Auto body	1 Semester .5 Credit	Grades 10-12	College / Career Prep
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4.0 GPA Weight

This course is designed to expose the students to different industry terminology, safety practices, auto body estimating and basic auto body repairs. This course is for the students to receive basic industry based training before stepping up to higher level courses in this field.

Auto body Fabrication	1 Semester .5 Credit	Grades 10-12	College / Career Prep
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4.0 GPA Weight

Students in introductory custom fabrication courses study the basic skills of measuring, pattern development, fastener selection and mechanical drawing. Additional instruction includes sheet metal fabrication, body soldering and metal shaping. Students in custom fabrication courses have access to many specialized tools, including bead rollers, power hammers, English wheels and louver presses. Students will learn to work with the latest in robotics, sensing technology and computers.

Carpentry Fundamentals	1 Semester .5 Credit	Grades 10-12	College / Career Prep
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4.0 GPA Weight

Prerequisites: None

In this course, you will learn basic residential carpentry techniques beginning with a comprehensive unit on workplace and tool safety and progressing through residential framing techniques. Units of study will include: tool selection and usage, plan reading, layout, footings and foundations, and floor and wall systems. You should be comfortable on ladders and with working outside in a variety of conditions.

Carpentry Framing & Finishing	1 Semester .5 Credit	Grades 10-12	College / Career Prep
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4.0 GPA Weight

A study of carpentry framing and finishing techniques. Focus is on roofing, thermal and moisture protection, exterior finishing, steel framing, drywall installation and finishing, doors and door hardware, suspended ceilings, trim work, and cabinet installation and fabrication.

HVAC I & II	1 Semester .5 Credit	Grades 10-12	College / Career Prep
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4.0 GPA Weight

Prerequisites: None

This course introduces the fundamental concepts and principles that apply to the HVAC industry. Topics include a basic understanding of; thermodynamics, industry terminology and units of measurement, common HVAC systems and components, materials used in the installation of HVAC equipment and methods for joining materials. Industry standards and codes are explored. Techniques for proper use of hand and power tools are presented. Safely working on HVAC systems and components is emphasized.

Wellness

1 CREDIT OF PHYSICAL EDUCATION IS REQUIRED FOR GRADUATION.
STUDENTS MUST ALSO COMPLETE A HEALTH COURSE

ENTRY LEVEL

INTERMEDIATE

ADVANCED

HEALTH*

EPE - LIFETIME FITNESS

PHYSICAL EDUCATION*

WEIGHT LIFTING

NUTRITION

INTRO TO COACHING

Health*

1
Semester
.5 Credit

Grades
9 - 12

College / Career Prep

4.0 GPA Weight

This course is required for graduation.

Prerequisites: None

Accurate health knowledge is necessary in order to make good decisions in your life. Throughout this course, students will be exploring topics that will educate them on making healthy choices. The units of study include: fitness, nutrition, substance abuse, mental health and sexuality. Students will learn methods of preventing heart disease and other illnesses through exercise. Discussions will help guide students through the challenges of self-image and coping with stress. Ideally, information provided during this course will help students make behavioral choices and changes to improve their quality of life.

Physical Education*

1 Semester
.5 Credit

Grades
9-12

College / Career Prep

4.0 GPA Weight

Prerequisites: None

Students will participate in a comprehensive Physical Education program designed to develop physically educated individuals who have the knowledge, skills, and confidence to enjoy a lifetime of healthful physical activity. Through the participation of lead up games, team sports, individual activities and personal fitness activities, students will have the foundation to engage in lifelong fitness.

Upon completion of this course, students should have achieved the following national standards:

1. Students will demonstrate competency in a variety of motor skills and movement patterns.
2. Students will be able to apply knowledge of concepts, principles, strategies and tactics related to movement and performance.
3. Students will demonstrate the knowledge and skills to achieve and maintain a health-enhancing level of physical activity and fitness.
4. Students will exhibit responsible personal and social behavior that respects self and others.
5. Students will recognize the value of physical activity for health, enjoyment, challenge, self-expression and/or social interaction.

EPE - Lifetime Fitness	1 Semester .5 Credit	Grades 9-12	College / Career Prep
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4.0 GPA Weight

Prerequisite: *At least ½ credit of Physical Education*

Students may elect to take elective credits of Physical Education. These classes are designed to promote the importance of lifetime fitness. Activities could include weight training, bowling, snow shoeing, biking, and fitness walking and lawn activities.

Nutrition	1 Semester .5 Credit	Grades 9-12	College / Career Prep
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4.0 GPA Weight

Prerequisites: *None*

This course takes students through a comprehensive study of nutritional principles and guidelines. Students will learn about world-wide views of nutrition, nutrient requirements, physiological processes, food labeling, healthy weight management, diet related diseases, food handling, nutrition for different populations, and more. Students will gain important knowledge and skills to aid them in attaining and maintaining a healthy and nutritious lifestyle.

Intro to Coaching	1 Semester .5 Credit	Grades 9-12	College / Career Prep
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4.0 GPA Weight

Prerequisite: *At least ½ credit of Physical Education*

Introduction to Coaching focuses on the various responsibilities of a coach and the skills needed to successfully fill this important position. Throughout the course, students will explore various coaching models and leadership styles, sports nutrition and sports psychology, as well as safety, conditioning, and cross-training. Students will learn effective communication, problem-solving, and decision-making skills. The course will also introduce students to game strategy, tactical strategy, skills-based training, and coaching ethics.

Weight Training	1 Semester .5 Credit	Grades 9-12	College / Career Prep
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4.0 GPA Weight

Prerequisite: *At least ½ credit of Physical Education*

This class will concentrate on weight resistance. Students will develop individual fitness plans that work on total body fitness.

World Language

ENTRY LEVEL

SPANISH I
SPANISH II

INTERMEDIATE

SPANISH III
CULTURAL FILM STUDIES

ADVANCED

SPANISH IV/ RS SPANISH

Spanish I

1 Semester
.5 Credit

Grades
9-12

College / Career Prep

4.5 GPA Weight

Prerequisites: None

Students will learn basic vocabulary, sentence structures, speech and culture of the Spanish-speaking world. Each unit of the text revolves around a topic of conversation—hobbies, food and so forth. The student will learn to produce and understand language, mostly in the present tense. Unit projects will involve authentic use of the language to be determined by student interest. This class will include guided comprehension activities of original Spanish-language multimedia. Students are expected to use what Spanish they know in class, and encouraged to use it out of class.



Spanish II

1 Semester
.5 Credit

Grades
9-12

College / Career Prep

4.5 GPA Weight

Prerequisite: Spanish I

The student will talk more about the present, past and future, increase his/her vocabulary, and attain higher listening and reading comprehension. Each unit will explore topics of conversation more in depth. While grammar and culture will be embedded in each unit, the primary focus will be conversation. As such, students will draw upon their personal interests to express themselves through presentations and multimedia. This class will include guided comprehension activities of original Spanish-language multimedia. Students are expected to use Spanish with increasing frequency, drawing on what they already know to communicate.



Spanish III	1 Semester .5 Credit	Grades 11-12	College / Career Prep
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4.5 GPA Weight

Prerequisite: Spanish II

Level III is designed for students who wish to expand their knowledge of Spanish civilization, daily life, and conversation. Students will continue to develop language skills through cultural readings and further practice will be on speaking and writing skills through diverse linguistic problem solving. There will be regular unit projects drawing on student interests and talents. Students are expected to use Spanish exclusively in class, simplifying what they wish to say if necessary to express themselves in the target language. A third year of a language is encouraged for college-bound students.

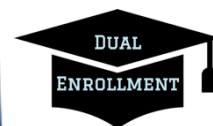


Spanish IV / RS Spanish	1 Semester 1 Credit	Grades 11-12	College / Career Prep
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4.5 or 5.0 GPA Weight

Prerequisite: Spanish III

NOTE: There is a strong likelihood that Spanish III would be combined with Spanish IV if there are students ready for that level.



Cultural Film Studies	1 Semester .5 Credit	Grades 11-12	College / Career Prep
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A course designed to improve speaking abilities while learning about Hispanic cultures and cinema in context. The course aims to provide the students with lexical and grammatical tools to allow them to engage in formal and informal discussion on a variety of topics informed by the films provided. Additionally, there will be several writing exercises throughout the semester that will help students improve their writing abilities. By the end of the course, students should have a better command of all linguistic skills, especially listening comprehension, fluency and accuracy in their speech.

Other Opportunities

ENTRY LEVEL

INTERMEDIATE

ADVANCED

SCHOOL TO WORK

LNA PROGRAM

LNA Program

1 Semester
.5 Credit

Grades
11-12

College / Career Prep

5.0 GPA Weight

Prerequisite: Be 16-years-old when the course starts. Students must do the following for the nursing home for acceptance: write a short essay on “why I want to be an LNA, pass a test that indicates ability to read and write English and has decision-making/judgement skills, provide 3 letters of references (unrelated) who can vouch for character, reliability and integrity, have a physical done by a medical provider and undergo a tuberculin skin test.



This 5-day/week LNA licensure program will take place at the Coos County Nursing Home in West Stewartstown, New Hampshire. Students will be scheduled for their block one class. Students will get 60 hours of theory (lecture), 70 hours of clinical (hands on) for sufficient course hours to test and apply for LNA licensure with the state of New Hampshire. The school district will pay for all costs associated with the course including the workbook, criminal record check, the state exam and licensing fees. The cost of the medical physical is the student's own responsibility. Students are also responsible for transportation back and forth from the nursing home and school.

School to Work

1 Semester
.5 Credit

Grades
10-12

College / Career Prep

Successful candidates will begin the course with a period of “orientation”. During this orientation they will be introduced to practices and issues that are common to and exist within the “work” environment. These will be presented from the point of view of the employer as well as that of the employee. Every attempt will be made to place students according to the personal career path preference they have identified. However, there are placements that are not possible to arrange, and the student will need to choose an alternative placement from a list of New Hampshire Department of Labor-approved work sites. Placement opportunities may take a variety of forms in order for students to develop and practice the wide range of employment skills needed for maximum “employability”. Students must



comply with all program rules and requirements and will be given paperwork that they must go over with their parents/guardians. All program paperwork, properly completed and signed, must be returned to the program coordinator prior to student placement. Failure to comply with any program rules or to meet program requirements will result in student being dropped from the program and losing course credit. Students are required to maintain a “C” average (75) in all subjects during the STW experience. Failure to do so will result in the student being removed from the program/work site.

NOTE: (Legal Issue) Transportation to and from external placement locations is the responsibility of the parents/guardians and students. Students participating in the STW program are not allowed to accept from or provide rides to other students while engaged in scheduled STW program activities. This includes authorized STW activities scheduled outside the hours Colebrook Academy & Elementary School is in session.

FOUR YEAR PLAN WORKSHEET

Name: _____

YOG: _____

Grade 9

English	INTRO TO LITERATURE	1
Math	_____	1
Social Studies****	_____	_____
Biology	BIOLOGY	1
Health	HEALTH	½
ICT	ICT	½
Phys Education **PHYS ED		½
World Lang *****	_____	_____
Fine Arts *	_____	_____
Elective	_____	_____

Grade 11

English	AMERICAN LITERATURE	1
Math	_____	1
US/NH History	US/NH HISTORY	1
Social Studies	_____	_____
Science	_____	_____
Elective	_____	_____
Elective	_____	_____
Elective	_____	_____
Elective	_____	_____
Elective	_____	_____

Grade 10

English	SURVEY OF LIT	1
Math	_____	_____
Social Studies	_____	_____
Physical Science	_____	1
World Language	_____	_____
Physical Education PHYS ED		½
Elective	_____	_____
Elective	_____	_____
Elective	_____	_____
Elective	_____	_____

Grade 12

English	BRITISH LITERATURE	1
Math *****	_____	1
Personal Finance	PERSONAL FINANCE	½
Elective	_____	_____
Elective	_____	_____
Elective	_____	_____
Elective	_____	_____
Elective	_____	_____
Elective	_____	_____

GRADUATION REQUIREMENTS – 27 credits

4 credits English
 4 credits Mathematics (1 credit must be Algebra I)
 1 credit Physical Education
 1/2 credit Economics
 1/2 credit Information & Communications Technology
 1/2 credit World History or Geography
 3 credits (Biology and a Physical Science are required) ***

1/2 credit Civics
 1/2 credit Personal Finance
 1 credit US/NH History
 1/2 credit Fine Art
 1/2 credit Health
 1/2 credit 50 hours of Community Service

Students cannot have any open time in their schedules, unless they are seniors.
Seniors can complete a “senior privilege” form to request time out of the building.

* Students do not have to take their Fine Arts requirement as freshmen, but it’s recommended to get it completed early.

** Students do not have to take PE as freshmen and sophomores, but it’s recommended to get it completed early.

*** Even though 2 credits are required in Science for 2022, 2023 and 2024, it is recommended students take more (these would be listed as electives for junior and senior year).

**** Students should be aware of the social studies courses required for graduation and plan to take at least one as a freshman.

***** Even though it’s not required, it is recommended students take AT LEAST two credits of world language (consecutive years of the same language)

***** Regardless of how many math credits have been earned, students MUST take a math course senior year.