

Colebrook Academy & Elementary School Program of Studies 2021-2022



*Curriculum Information and Planning Guide for
Students, Families and Teachers*

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FOUR-YEAR PLAN WORKSHEET

Colebrook Academy & Elementary School

27 Dumont Street
Colebrook, New Hampshire 03576
(603) 237-4801 or (603) 237-4270
School Website: www.csd.sau7.org



March 2021

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, on to 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 **Connecticut River Collaborative** between our school, Canaan Schools in Canaan, Vermont, and Pittsburg High School in Pittsburg will continue for a fourth year. You have the opportunity to take classes at these schools. The POS from both of these schools are uploaded on the school's website under my page of the school's website.

PLEASE NOTE: Because of fiscal and/or scheduling restrictions, (1) all courses described within the POS will not necessarily be offered, and (2) 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 it or course enrollment numbers 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 cclogston@csd.sau7.org.

Colleen J. Clogston, M.Ed

Principal
Kim Wheelock

Assistant Principal
Ron Patterson

Counselor 7-12
TBD

Counselor PreK-6
Amy Caron

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.

ACADEMIC POLICIES

GRADUATION REQUIREMENTS

Total credits needed for graduation: 26

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 (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
PERSONAL FINANCE	1/2 credit
SENIOR SEMINAR	0 credit
The content of this course will be addressed during students’ “Flex” time	
FRESHMAN FOCUS	0 credit
The content of this course will be addressed during students’ “Flex” time	
CAREER EXPLORATION	0 credit
The content of this course will be addressed during students’ “Flex” time	
COMMUNITY SERVICE (minimum of 50 hours)	1/2 credit
ELECTIVES	9 credits

MINIMUM STANDARDS DIPLOMA

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:

	NH's 20 Credit Minimum
<i>Arts Education</i>	0.5
<i>Digital Literacy</i>	0.5
<i>English</i>	4

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

Students with extenuating circumstances may earn a minimum credit diploma. This should be discussed with the School Counseling Office. Principal approval is required and the determination of extenuating circumstances is at the discretion of the district. Students may make their request between January of their Junior year and September of their Senior year.

Transfer students or students placed at CAES in their Senior year from a district with lower credit requirements for graduation may be eligible for the 20 credit diploma, if they are not able to meet the standard of 26 credits with a full course load.

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* . Students under the age of eighteen (18) are not allowed to use lawn mowers or power tools of any type. 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.

GRADE PROMOTION

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>
For promotion from Grade 9 to 10	6
For promotion from Grade 10 to 11	12
For promotion from Grade 11 to 12	18
For Graduation	26

GRADING SCALE

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	
73-72	2	1.5	1	D
71-70	1.2	1.2	0.7	
69-60	0	0	0	F

Additional Circumstances

Pass/Fail (P/F):

Pass/Fail grades do not count toward the course count for honor roll and are not included in GPA. The courses currently being assessed as Pass/Fail in the high school are *community service, academic support* and *driver's education*. Beginning with the 2021-2022 year, School To Work and Student Aide will receive numeric grades based on assignments.

Online courses:

The final grade is the only grade recorded; thus does not count toward

the course count for honor roll or athletic eligibility.

Withdrawn (WP & WF): If a student drops a course after the add/drop deadline and is passing, a WP will be recorded on the report card and transcript. It is not factored into GPA and students do not receive credit. If a student drops after the deadline and has a failing grade at the time, a WF will be recorded and it would be for no credit and failing GPA points (60).

Incomplete (I): 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.

MINIMUM FAILING GRADE

No grade lower than 60 will be recorded for a quarter final grade. The teacher and/or principal reserves the right to revoke the 60 minimum grade for students who do not actively engage or work with their educators to show proficiency or sufficient mastery of content.

MAKING UP CREDITS

The master schedule is created each year to ensure students will be able to take courses in the sequence that is recommended. It is not created to ensure students can make up failed courses. Students who fail a course that is required for graduation have three 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 an online course. The third is to engage in competency/credit recovery (explained later in the POS) with the teacher.

CALCULATION OF FINAL AVERAGE

A student's final average for a course (calculated when a course is concluding) is comprised of the average of the quarter grades and the final exam (if given):

- $\frac{2}{3}$ for each quarter, $\frac{1}{3}$ for final, or in other words,
 - 40% for each quarter, 20% for final

If there is no final exam administered, the final average is calculated as 50% for each quarter.

USE OF FINAL EXAMS

If students have an overall average of 95 at the end of a course, they may be exempt from final exams based on teacher discretion. This does not include Running Start courses which continue to align with college standards, expectations and academic policies. Students engaged in alternative learning must complete requirements of those learning programs.

GRADE POINT AVERAGE

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

WEIGHTING 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 reported on the transcript and calculated twice a year (January and June) when GPA is updated.

HONOR ROLL CALCULATION

Beginning with the 2021-2022 academic year, Honor Roll will be calculated twice a year, at the conclusion of each semester, when courses are completed and credits earned.

In order to be eligible for 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.

TRANSFER CREDITS

CAES does not recalculate final grades from other institutions. CAES will record the final average and credit amount that is received from any secondary or post secondary school on an official transcript. If the level of the course is indicated, that amount of GPA points (honors or dual enrollment, for example) will be awarded.

Dual Enrollment courses taken online or outside of our building are considered transfer courses. The name of the college issuing the credits and its location will be recorded on the CAES transcript along with the final grade.

Courses taken at Canaan Schools and Pittsburg High through the CTRC are considered transfer courses. The high school issuing the credits, and the town, will be recorded on the CAES transcript along with the final grade. Before final grades are calculated, the course will appear in MMS for scheduling purposes but then will be updated as a transfer course.

Courses taken online through independent learning institutions that issue transcripts are considered transfer courses. VLACS is one such example.

VALEDICTORIAN, SALUTATORIAN & HONORS GRADUATES

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.

NATIONAL HONOR SOCIETY

Juniors and seniors are eligible for induction into the National Honor Society based on scholarship, leadership, character, and service. Eligibility for scholarship will be determined by a cumulative GPA of 3.0 on a 4.0 scale unweighted and have been a student at CAES for at least one semester. Any student who meets these criteria will be invited to apply for membership. Once invited, students will be asked to complete an application which will require information regarding leadership, character and service. Once applications have been submitted, the faculty will rate each student in the three categories. Based on the information received from the faculty, the Faculty Council will make a final decision as to which students will be offered membership.

Scholarship: The student must have a cumulative scholastic average of at least a 3.0 on a 4.0 unweighted scale.

Character: This is probably the most difficult criterion to define. A person of character demonstrates the following six qualities - respect, responsibility, trustworthiness, fairness, caring and citizenship. The student of character takes criticism willingly and accepts recommendations graciously; consistently exemplifies desirable qualities of behavior (cheerfulness, friendliness, poise, stability); upholds principles of morality and ethics; cooperates by complying with school regulations concerning property, programs, office, and instructions, is punctual, both inside and outside the classroom, manifests truthfulness in acknowledging obedience to rules, avoiding cheating in written work, and also avoids profiting by mistakes of others.

Leadership: There shall be evidence that the student has taken the initiative in class and school activities, has striven to train and aid others to attain the same objective, and has been willing to sacrifice personal interests for the interest of others.

Service: A willingness to volunteer his/her time and abilities to help others, without monetary compensation or public recognition, shall have been shown by the student both in everyday routine work and in special situations.

ACADEMIC REQUIREMENTS FOR PARTICIPATION IN ATHLETICS

The NHIAA requires that a student must pass the equivalence of four full units of work for the preceding quarter. *The definition of a "unit" is determined by the school.* NHIAA rules also state that any subject failed during the last marking period may be made up through a credit recovery program. This allowance may be approved by the athletic director and principal on a case by case basis. They along with the school counselor will determine fall sports eligibility based on 4th quarter grades from the previous year and credit recovery opportunities. The Colebrook School Board policy states that students will be on academic probation when failing 2 or more courses per quarter.

***Reminder: In many cases, schools have stricter policies around the NHIAA player eligibility requirements. The Colebrook School District reserves the right to enforce all district policy relating to sports and extracurricular activities.**

Students who plan to play Division I or Division II college athletics must register with the NCAA Clearinghouse and meet specific qualifying requirements. The Clearinghouse issues a preliminary certification report to the college once all materials have been submitted. After graduation, the Clearinghouse reviews the final transcript to make a final certification decision according to NCAA standards. To be certified by the Clearinghouse, each graduate must earn a GPA of at least a 2.0 in the core classes listed below and receive a minimum score on the SAT or ACT. Only core courses approved by NCAA can be used to calculate GPA or class rank.

For more information about athletic requirements for post-secondary athletics, see:
<http://www.ncaapublications.com/DownloadPublication.aspx?download=EB17.pdf>

The chart below shows minimum core courses.

	Division I	Division II
English	4 years	3 years
Math (Algebra I or higher)	3 years	2 years
Science	2 years	2 years
Additional Math, English or Science	1 year	3 years
Social Sciences	2 years	2 years
Extra Classes (English, Math, Science SS, World Language)	4 years	4 years
TOTAL CORE UNITS REQUIRED	16	16
MINIMUM GPA REQUIRED	2.3	2.0

COURSE & SCHEDULE CHANGES

Since a student who registers for a course has made a commitment to complete the course, s/he is expected to do so. Students should treat their course schedule as a contract. Schedule changes after the beginning of the school year, or at the semester (or quarter if applicable), will be considered but not guaranteed. The “add/drop” period is limited to the first 10 days after the beginning of a course. Dropping a course beyond this period will result in a Withdrawn (WP or WF) and noted on the transcript. See the “withdrawal grades” section for more information on this. Any other requests for a change in schedule require approval from the Principal.

EXPECTED STUDENT COURSE LOAD

Students at Colebrook Academy & Elementary are expected to enroll in a full schedule. No open blocks are allowed. Individual considerations to waive this expectation require cooperative approval of the Principal, school counselor, case manager (if applicable) and family.

Expectations to this include seniors, for senior privilege.

OPEN CAMPUS

“Open Campus” is defined as a senior privilege to leave the campus of Colebrook Academy & Elementary School (CAES) during lunch or for late arrival/early dismissal. During the student’s exercise of the open campus privilege, the student is still bound by the rules pertaining to student behavior of personal conduct as outlined in the student handbook and will be subject to disciplinary action for violations.

Before pursuing open campus, seniors should refer to the language in athletic eligibility and honor roll earlier in the Program of Studies. Less classes would result in less numeric grades and potentially keep them off honor roll or be unable to participate in athletics.

Seniors interested in using an open block as an open campus privilege, should obtain a form from the School Counseling Office. Students and parents who sign this form are aware that this privilege is the RESPONSIBILITY of the SENIOR to:

- be in good academic standing – passing ALL classes.
- (for lunch) walk to destination; no sitting in parked vehicles; no transport by other in vehicles.
- sign in and out whenever leaving the school building.
- return to school on time when using this privilege.

- have a signed parental permission form on file in the office.

COURSE SELECTION

In order for students to make the most appropriate course selection each year, there are a few things to consider.

1. **Focus on subjects that interest you**

Too many students are worried about selecting classes that might impress colleges. However, one of the most important aspects of high school is to develop yourself as a person. From learning time management to discovering passions, high school is a time when you can explore different fields of study or topics of interest, in particular through elective classes.

2. **Take advantage of opportunities to explore new subjects and develop new skills**

As a result, you might follow a different path than you ever had previously imagined and learned a great deal about yourself in the process. The best way to accomplish this self-discovery is to take some time to read through your school's course catalog and don't be afraid to try something new.

3. **Follow the recommended course sequence**

The importance of this cannot be understated. The master schedule changes each year and is created so students can meet their requirements in the year they have been identified to do so. A student who gets out of sequence taking required courses may find it difficult to get needed or desired courses.

4. **Be aware of which courses are required to graduate**

Although the School Counseling Office tracks student progress in earning graduation requirements, students & families should be very aware of which courses are required and where they stand in accumulating those credits. Students can get this information in the School Counseling Office at any time throughout the school year or by logging into their MMS accounts and selecting "Graduation Requirements" report.

5. **Research college course requirements**

Be aware, however, that if you are planning on attending college, the level to which you apply may have a higher standard. Foreign language, for example, is not required to graduate from CAES, but two consecutive years are expected at many institutions including our state college, The University of New Hampshire.

EARLY COMPLETION

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 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.

NEW HAMPSHIRE SCHOLARS PROGRAM

The New Hampshire Scholars Program, a federally funded program, recommends a Core Course of Study to high school students that gives every participating student the advantage of well-rounded, more challenging coursework in English, math, science, social studies and world language. Students who undertake this rigorous Core Course of Study will challenge themselves to do their best work during their high school career and will enjoy a wider range of post-secondary options upon graduation. By successfully completing more challenging courses, students will be better prepared for successful completion of a post-secondary degree. They will not only increase their chances of success in college and the business world, but also improve their ability to obtain scholarships for post-secondary education, and develop critical thinking skills that are valuable in any career.

Graduation as a New Hampshire Scholar means students will:

- Acquire advanced academic skills
- Develop sound decision-making and critical thinking skills
- Be more prepared for college, and less likely to need costly remedial courses
- Be a stronger candidate for certain types of financial aid and scholarships
- Have enhanced opportunities for placement and future advancement with local and international employers

New Hampshire Scholars Initiative Pathways

All scholars are encouraged to seek experiential learning opportunities & community partnerships/business mentorships

<u>NH Scholars</u>	<u>NH Scholars with STEM Emphasis</u>	<u>NH Scholars with Art Emphasis</u>	<u>NH Scholars with Career Emphasis</u>
4 years of English 4 years of Math (Algebra I & II, Geometry and 1 other competency) 3 years of Lab-Science (Labs chosen from Bio, Chem, Physics, A&P) 3.5 years of Social Studies (U.S. History, Gov’t, Geog, Business, etc.) 2 years of a World Language	<i>Standard NH Scholar track &:</i> 1 additional year of Lab-Science 1 year chosen from Technology, Engineering, Computers, Adv Manufacturing, FACS, etc. Minimum 3.2 GPA	<i>Standard NH Scholar track &:</i> 2 years chosen from Visual Arts, Fine Arts, Performing Arts, Music, Graphic Design, etc. Minimum 3.2 GPA	<i>Standard NH Scholar track, LESS foreign language &:</i> Successfully complete an approved NH CTE program Successfully engage in a WBL experience Successfully earn 1 college credit, IRC or post-secondary hours

COURSE LEVELS & OPTIONS

Beginning with the 2021-2022, Colebrook Academy & Elementary School courses will be primarily non-leveled and will be pursuing mixed ability learning that supports our goal of offering competency based educational opportunities. This allows students of all ability levels to be enrolled in a single classroom, but instruction is provided to these students based on their academic needs. It is possible that more than one lesson would be presented at a time, if the teacher differentiates instruction appropriately. Competency-based education is defined as an “approach [that] allows students to advance based on their ability to master a skill or competency at their own pace regardless of environment. This method is tailored to meet different learning abilities and can lead to more efficient student outcomes.”

Students will still have the opportunity to enroll in dual enrollment courses through our Running Start program, Early College, or estart. These courses will still be weighted. In addition, some of our upper level electives will continue to be weighted as Honors courses.

Dual Enrollment/Advanced Placement/Running Start Courses

These courses require the highest level of ability, motivation and independence. They are college level and weighted the highest for GPA and class rank.

College Prep/Honors/Advanced Courses

Courses require moderate to extensive intellectual development and outside preparation. These courses are designed to prepare students for college and career readiness. Reading levels should be above the nationally-normed median. Students are assumed to be self-motivated. These courses are weighted more when determining GPA and class rank.

General/Standard/Basic Courses

The majority of our courses will be in this level

ADDITIONAL PROGRAM OFFERINGS

Career and Technical Education Program

The Canaan Career Center in Canaan, Vermont is the Region 1 Career & Technical Education Center in New Hampshire and serves Colebrook Academy & Elementary School. 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 accomplishing 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 Canaan Career Center and institutions of higher education. These agreements grant post-secondary education credit for the completion of courses at the Canaan Career 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
- Participate in Career Development Events (CDEs) and/or Career and Technical Student Organizations (CTSO's) to make professional connections, attend conferences, and compete against other schools

CTE Program	Post-Secondary School	Total College Credits Earned & Course(s)	Industry Recognized Credentials
ADVANCED INTEGRATED MANUFACTURING <i>Embedded High School Credit – Math and Careers</i>	White Mountains Community College Community College of Vermont		Woodworkers Career Alliance, Game of Logging 1-4, OSHA-10, Welding (30hrs), CPR/First Aid/AED, NIMS Machine Level and Conover Workplace Readiness
BUILDING CONSTRUCTION &	Central Maine Community College	Introduction to Hand & Power Tools (1 credit)	Game of Logging 1-4, OSHA-10, EMP, DOT Flagging Certification,

RESTORATION CARPENTRY <i>Embedded High School Credit – Science, Math and Careers</i>			CDL Basics Commercial Drivers License, NSTMOP, Welding (30hrs), CPR/First Aid/AED, Building Science Principals and National Center for Construction Education & Research
BUSINESS ADMINISTRATION & TECHNOLOGY <i>Embedded High School Credit –</i>	White Mountains Community College	Business Computer Applications (3 credits) Intro to Business Administration (3 credits) Intro to Business Logic & Ethics (3 credits) Accounting (3 credits) Marketing (3 credit) TOTAL: 15 college credits	Microsoft PowerPoint specialist certification, CPR/First Aid/AED, G Suite Certification, Conover Workplace Readiness and Knowledge Matters – Personal Finance
DIVERSIFIED AGRICULTURE & NATURAL RESOURCES <i>Embedded High School Credit – Science and Careers</i>	White Mountains Community College	Tree & Shrub Identification (1 credit) Dendrology (4 credits) Forest Resources (4 credits) TOTAL: 9 college credits	Game of Logging 1-4, CDL Basics Commercial Drivers License, NSTMOP, Welding (30hrs), CPR/First Aid/AED and SOLO Wilderness First Aid
FIRE <i>Embedded High School Credit – Science, Physical Education and Careers</i>			National Fire Protection Association's Firefighter I
EMERGENCY MEDICAL SERVICES <i>Embedded High School Credit – Science, Math and Careers</i>	Northern Maine Community College	EMT (5 credits)	National Registry of Emergency Medical Technicians and Emergency Medical Technician Credential

Virtual Learning Academy (VLACS)

Colebrook Academy & Elementary School students have the opportunity to participate in online courses through VLACS. VLACS is an accredited New Hampshire charter school which operates out of Exeter, NH but is available for New Hampshire residents at no cost. There is a cost for Vermont residents; however, the school district will pay the tuition for up to 2 courses. Tuition varies depending on the amount of credit the course is worth. Students have the opportunity to choose from a wide-variety of high school appropriate courses, many of which are not offered in a smaller high school setting. This allows students to tailor their education to specific interests, increasing their preparation for a chosen field of study. Courses must be pre-approved by the school counselor. Students work independently to complete the course requirements and can do so on their own time or be scheduled a period or block of time during

the day where they will be supervised by school staff. Grades for VLACS courses are not recorded until the course is completed and a transcript from VLACS is received. The credit awarded will be the same as what's reflected on the transcript. GPA weighting will be dependent on the course. If it's an honors course or Advanced Placement course, for example, it will receive additional weight. VLACS course offerings can be viewed at www.vlacs.org.

Advanced Placement (AP):

Colebrook Academy & Elementary School has been audited to potentially offer two Advanced Placement courses – English Literature & Composition and Studio Art. The AP program is run by 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. College 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.

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.

The following are options for students to receive dual credits:

Running Start (RS): 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 supports.

In the past, Colebrook Academy & Elementary School has offered the following RS courses. Those with an * will be offered for the 20-21 year. Others are available through the CT River collaborative at Canaan Schools and/or Pittsburg School.

Business Computer Applications	3 College Credits
Intro to Business Administration	3 College Credits

Intro to Business Logic & Ethics	3 College Credits
Marketing	3 College Credits
Pre-Calculus	4 College Credits
Calculus	4 College Credits
Statistics	4 College Credits
*Quantitative Reasoning	3 College Credits
*Chemistry	4 College Credits
*Anatomy & Physiology	4 College Credits
Accounting	3 College Credits
*Business Law	3 College Credits
*Physics	4 College Credits

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 eStart 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.

New Hampshire 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.

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 (ELO):

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

COURSE SEQUENCE

Below is a recommended sequence in which to take courses during each year of high school. It is important to follow this sequence as closely as you can for the following reasons:

1. **Graduation within four years:** The course sequence is designed to help students understand which required courses they need to take and in which year they should take them. If a student fails a course, it can be difficult to make the course up the following year. The master course schedule changes each year and is created so that students can meet their requirements in the year they have been identified to do so. A student who gets out of sequence taking his required courses may find that he is not able to retake a failed course the following year because it is only offered at a time during the school day when he is required to take something else.
2. **Preparation for Post-Secondary Education:** The course sequence also makes suggestions regarding additional courses to take in order for students to be prepared to enroll in a two- or four-year college program when they graduate. Although the majority of a student’s required coursework is completed within the first two years of high school, students should not take a “light” course load for their last two years. Many colleges are finding that students who do not take challenging courses during their junior and senior years are not as well prepared for the rigors of post-secondary education. Some schools are not accepting students who take light course loads in their last two years of high school or are having students take pre-placement tests and/or take pre-college courses at the college to increase their skill levels. Plan ahead!

The following course sequence is a recommendation students can use as a point of reference, though some of the actual requirements may differ.

Freshman Year

English

Math – Math Skills I, Math Skills II, Pre-Algebra or Algebra I or Algebra II for students who took

Algebra I in 8th grade

Science – Biology

Social Studies – Geography or World History

Information & Communications Technology

Health

Physical Education

World Languages – Spanish I

Freshman Focus

Fine Arts – Art, Chorus, or Band

Electives – Consumer Science, Tech. Ed., etc.

Sophomore Year

English

Math – Math Skills II, Pre-Algebra, Algebra I, Algebra II or Geometry

Science – Physical Science or RS Chemistry
Social Studies – Civics and Economics
Physical Education -
World Languages – Spanish I or Spanish II
Career Exploration
Electives – Fine Arts, Consumer Sciences, Technology Ed., etc.

Junior Year

English
Math – Pre-Algebra, Algebra I, Algebra II, Geometry, Business Math, RS Quantitative Reasoning or RS Pre-Calculus
Science – RS Chemistry or RS Physics
Social Studies – US/NH History
World Languages – Spanish I, Spanish II or Spanish III
Electives – CTE Programming, Holocaust, Sociology, Fine Arts, Consumer Sciences, Technology Ed., etc.

Senior Year

English
Math – Algebra I, Geometry, Algebra II, Business Math, RS Quantitative Reasoning, RS Pre-Calculus, RS Calculus, or RS Statistics
Science – RS Chemistry, RS Physics or RS A&P
World Languages – Spanish III or Spanish IV
Personal Finance

Senior Seminar

Electives – CTE Programming, Fine Art, Consumer Sciences, Technology Ed., etc

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.

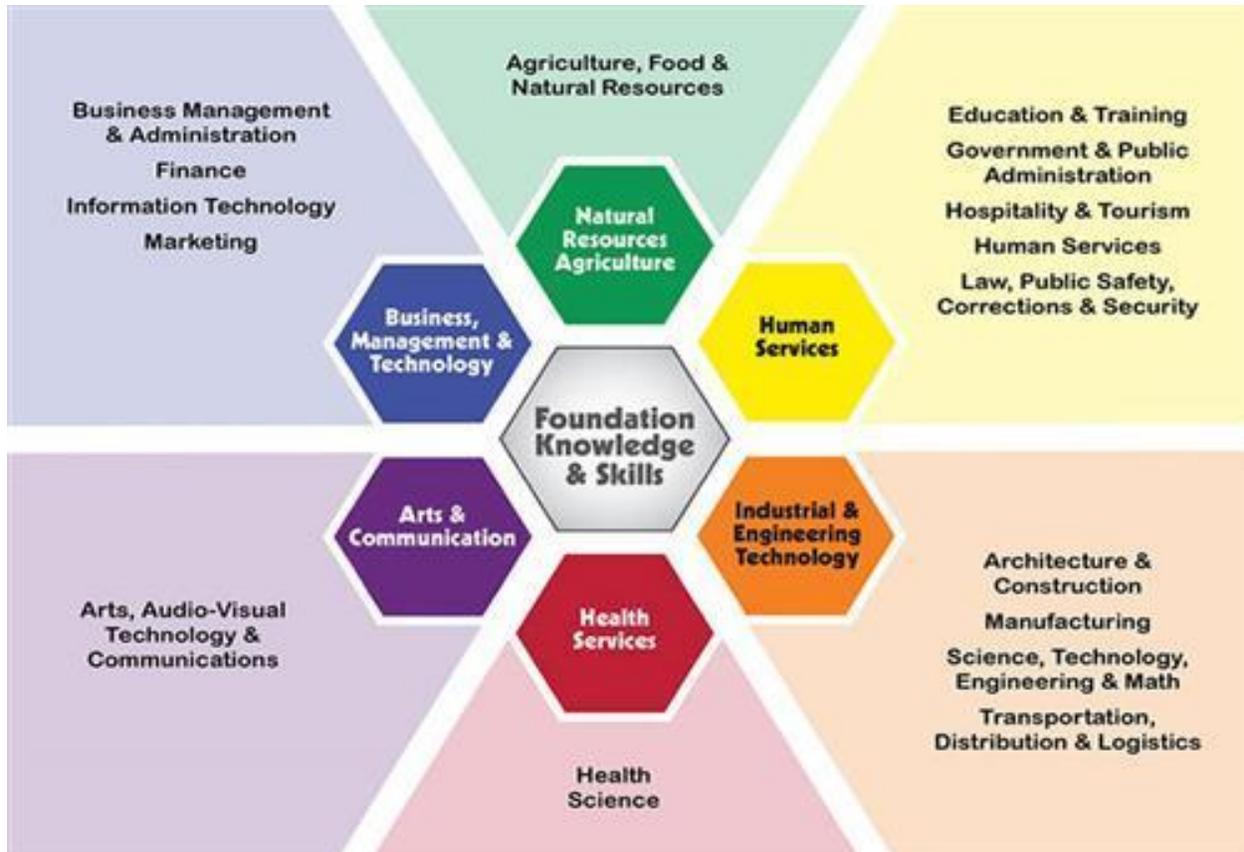
WHO BENEFITS FROM USING THE CAREER CLUSTERS INFORMATION?

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 www.education.nh.gov/career/career/career_clust.htm



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	

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	Human Resources Mgt.	Human Resources Mgt.	Human Resources Mgt.
Management			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	

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
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MEETING COLLEGE ADMISSION REQUIREMENTS

College entrance requirements may vary, yet follow a rather consistent pattern. In general, most four-year colleges prefer applicants in the top one-third of their class, with a “B” average or better in college preparatory subjects. However, there are many fine colleges that will accept students with average grades who have demonstrated particular skills and/or exceptional qualities of leadership and character.

4-YEAR COLLEGE REQUIREMENTS

- ENGLISH 4 years
- SOCIAL STUDIES 3 – 4 years
- MATH (Algebra I, Algebra II, Geometry minimum) 4 – 5 years
- SCIENCE (with labs) 3 – 5 years
- WORLD LANGUAGES (consecutive years) 2 – 4 years
- ELECTIVES Electives should be taken from those available based upon personal interests and educational goals, i.e. Art, Business, Consumer Science, Technology Education, Music, etc.

STUDENT SUPPORT SERVICES

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 2021-2022 SCHOOL YEAR: (Subject to change)

Colleen Clogston, School Counselor	Valerie Keyser, Special Education Case Manager
Devon Phillips, School Nurse	Valerie Rella, SAP Counselor
Kathleen Foot, School Psychologist	Colleen Clogston, 504 Case Manager
Jennifer Noyes, Special Services Coordinator	

TESTING PROGRAMS

Below are descriptions of the various assessments that students will have the opportunity to take during high school.

ARMED SERVICES VOCATIONAL APTITUDE BATTERY (ASVAB)

1. This test is given primarily to juniors and seniors who are interested in enlisting in the armed services.
2. The test will be administered to sophomores to take advantage of ASVAB's excellent career interest inventory as part of interpreting the test results after students take the test.
3. The ASVAB is usually given at Colebrook Academy & Elementary School in the fall of each school year. There is no charge for taking the ASVAB. For information and practice tests, go to <http://www.military.com/join-armed-forces/asvab/asvabstudy-tips.html>.
4. The ASVAB consists of subtests in language arts and mathematics, as well as in eye-hand coordination, mechanical knowledge, and other vocational skill areas.

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)

The PSAT is offered to juniors each year in mid-October during the school day. The PSAT is essentially a practice test for the SAT. (See below for more information.) Students who take the PSAT will be tested on their aptitude in English/language arts and mathematics. Students who are planning to attend a four-year college should plan to take the PSAT in their junior year. Juniors who take the PSAT will be considered for the National Merit Scholarship Program. This program recognizes those juniors who achieve an extremely high score on the PSAT. When results are received (which is typically in late December, students will be given access to free, personalized SAT prep from College Board). There is a fee to take the PSAT, which is paid by the school. Sophomores can elect to take the PSAT if there are enough tests and will be responsible for the cost. For more information or to review for this assessment go to: <https://www.collegeboard.org/student/testing/psat/about.html>.

SCHOLASTIC APTITUDE TEST (SAT)

The SAT tests a student's aptitude in: English, Reading, Writing, and Mathematics. Student test scores from the SAT are required by most four-year colleges, as well as some two year colleges, as part of their application for college admission. Colebrook Academy & Elementary School is a testing site twice each school year. Registration information is available in the School Counseling Office. Typically students take this standardized test at least twice – once in the Spring of junior year and again in the Fall of senior year. There is a fee for taking the SAT. Fee waivers are available to those who qualify. It is recommended that students prepare for the SAT online through sat.collegeboard.org/practice or Khan Academy www.khanacademy.org. Books are also available in the School Counseling Office and at various bookstores to assist in preparation. It is important to note that preparation should begin well in advance of the actual test. Further information on the SAT and registration information is available at <https://www.collegeboard.org>.

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.

AMERICAN COLLEGE TESTING (ACT)

The ACT measures skills in English, Mathematics, Reading, and Science. The ACT Assessment is designed to assess high school students' general educational development and their ability to complete college-level work. The tests cover four skill areas: English, Mathematics, Reading, and Science. Students may also choose to take an optional writing test. Student test scores from the ACT are accepted at most colleges and universities in the USA and will be accepted in place of the SAT scores. The ACT scores range from one (low) to 36 (high) for each of the four tests and for the Composite. The Composite is the average of your four test scores, rounded to the nearest whole number. For more information or to register for the ACT, go to <https://www.act.org>.

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.

2021 - 2022 Course Catalog

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

RS ACCOUNTING

1 credit

Grades 10 - 12

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 credit

Grades 10 - 12

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)

ICT

1/2 credit

Grade 9

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.

INVESTMENTS

1/2 credit

Grades 9 - 12

4.0 GPA Weight

Prerequisite: None

This course will demystify the stock market and get you to think about making money! Learning will begin with foundational instruction about the economy and how the stock market fits into it. Students will learn about common and preferred stocks and build an investment portfolio. They will explore bonds, mutual funds and other types of investments.

INTRODUCTION TO BUSINESS

1/2 credit

Grades 10 - 12

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

1/2 credit

Grades 9 - 12

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

1/2 credit

Grades 11 - 12

4.0 GPA Weight

Required for graduation

Prerequisite: None

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.

21st CENTURY BUSINESS

1/2 credit

Grades 11 - 12

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.*

SMALL BUSINESS MANAGEMENT

one credit

Grades 10 - 12

4.0 GPA Weight

Prerequisite: Introduction to Business, 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.

CA INVESTMENT FUND

one credit

Grades 10 - 12

4.5 GPA Weight

Prerequisites: 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

This course will be embedded into Flex Time and offered by our School Guidance Counseling Department

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, personal statement, and applications for colleges and jobs.

CAREER EXPLORATION

Grade 10 - 11

This course will be embedded into Flex Time and offered by our School Guidance Counseling Department

Pre-Requisites: None

This course is designed to increase awareness, understanding, and acceptance of personal interests, abilities, personality characteristics, values, and lifestyles. Comprehensive coverage takes students through an overview of the changing labor force, an understanding of the rapidly changing job market, self-analysis and personal decision making; finding the right career; preparing college and job applications, resumes, cover letters, and interviewing; for ongoing career and personal success. The final exam for this course will be a project-based assignment.

FRESHMAN FOCUS

Grade 8

This course will be scheduled during the final quarter of an 8th grader's school year.

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

Beginning with the 21-22 School Year, there will be no differentiation between "A" and "B" level courses; rather, students will be grouped together unless it is an upper level (dual enrollment, advanced placement, running start) course or an enriched elective.

Four credits of English are required for graduation.

ADVANCED PLACEMENT LANGUAGE & LITERATURE *one credit*

Grade 12

5.0 GPA Weight

Pre-Requisites: Requires teacher approval

This course is a rigorous and intensive college-level English course that culminates in a test given by the College Board, who oversees the entire Advanced Placement Program, and who designs, administers, and scores the AP test. Students will be expected to read and write extensively, from short poems, to plays, to novels – reading closely to know and understand a given text, and then writing critical analyses to communicate the interpretations they develop after class discussion and further thought. A full course description can be found at the AP Central Website, or by clicking on the following link: <https://apcentral.collegeboard.org/pdf/ap-english-literature-and-composition-course-description.pdf?course=ap-english-literature-and-composition>

Once students are signed up, the class will meet once before the end of the current school year in order to receive and discuss **the summer reading assignment**. A writing component will accompany this. Students will be expected to hand it in on the first day of school.

NOTE: If a qualified instructor is available, this course will be offered.

Underclassmen may take it with instructor permission.

BRITISH LITERATURE

one credit

Grade 12

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.

RS COLLEGE COMPOSITION

one credit

Grade 10 - 12

5.0 GPA Weight

Pre-Requisites: Two years of English, preferably at the honors level, and recommendation from previous year's English teacher

In this course students learn to write clearly and effectively for defined audiences through a variety of strategies. Emphasis is on the writing process through drafting, revising and editing. Research and documentation strategies are emphasized.

Project Running Start course (4 college credits)

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

AMERICAN LITERATURE

one credit

Grade 11

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

one credit

Grade 10

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 A

one credit

Grade 9

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.

CREATIVE WRITING

1/2 credit

Grades 11 - 12

4.0 GPA Weight

Prerequisite: Successful completion of Introduction to Literature and Survey of Literature

The best way to improve one's writing is by writing. This course will require the completion of weekly writing assignments. It is designed to expose the students to different styles and types of writing. It will emphasize all aspects of the writing process, as well as the fun and fascination of word play, the intricacies of language, and the importance of structure.

FILM AS LITERATURE

1/2 credit

Grades 10 - 12

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

JOURNALISM

1/2 credit

Grades 9 – 12

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.

MYTHOLOGY

1/2 credit

Grades 10 – 12

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.

POPULAR CULTURE

1/2 credit

Grades 9 - 12

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

1/2 credit

Grades 9 - 12

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

1/2 credit

Grades 9 - 12

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 with 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, but expect to see 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

1/2 credit

Grades 10 - 12

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

1/2 credit

Grades 9 - 12

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

1/2 credit

Grades 9 - 12

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*1/2 credit**Grades 9 - 12**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.

FAMILY & CONSUMER SCIENCE**FOODS***one credit**Grades 9 - 12**4.0 GPA Weight**Prerequisite: None*

Students enrolling in Foods should not fall victim to the misconception that this is an “easy” course. Students should develop an accurate knowledge of applied nutrition and an understanding of basic principles of food preparation. They will develop skills in using equipment to produce nutritious and attractively served meals. (Emphasis is placed on developing management techniques to aid in combining the roles of homemaker and wage earner.) Food buying, safety, and sanitation will be stressed.

NOTE: On an A/B schedule, this course will be a double period twice a week. If there is no cooking, it'll only be one period.

ADVANCED FOODS*one credit**Grades 9 - 12**4.0 GPA Weight**Prerequisite: Foods*

This course is an extension of the basic cooking skills learned in Foods class. The objective of this course is to give the student a chance to improve upon their skills learned in Beginning Foods. The focus will be on international cuisine. International Foods introduces the student to the contributions various ethnic groups have made to American cookery. The advanced student will become familiar with the geography, food history, customs, common ingredients and preparation techniques from countries all over the world. The student will continue to develop skills in kitchen organization, teamwork and equipment use.

Students might have the option to obtain their food handlers through the state in order to work.

NOTE: This course will not be scheduled separately; rather, Advanced Foods students will enroll in the Foods course.

HEALTHY LIVING*½ credit**Grades 9 - 12**4.0 GPA Weight**Prerequisite: None*

The focus of this course has broadened to include many contemporary issues that are pertinent to the teens in today’s society. The students will evaluate the barrage of marketing and advertising messages that tempt them daily and how these choices will affect their health and wellness. Students will be introduced to basic food preparation skills taking into consideration safety and sanitation. A unit in the course will identify risky behaviors. Students will analyze the consequences of their personal wellness through leisure time activities.

CHILD DEVELOPMENT*1/2 credit**Grades 9 - 12**4.0 GPA Weight**Prerequisite: None*

This course is designed to show students the processes of having a child from preconception to the toddler years. Students will learn about different methods of conception, birth, and child rearing. During this course, you will find parenting tips, explanations, guidelines, activities and exercises. When you are through with this course, you will feel confident and knowledgeable about your role as a parent or caregiver.

CONSUMER EDUCATION*1/2 credit**Grades 9 - 12**4.0 GPA Weight**Prerequisite: None*

This course includes a study of installment purchasing and credit use, budgeting, comparison shopping, savings, consumer rights and responsibilities, and the use of resources to attain individual and/or family goals. Learning experiences focus on the understandings and skills needed to make decisions about the use of resources which contribute to an improved quality of life.

NOTE: This course meets the Economics requirement for graduation.

FINE ARTS

½ credit of fine arts is required for graduation.

ADVANCED PLACEMENT STUDIO ART: DRAWING, PORTFOLIO*5.0 GPA Weight**1 credit**Grades 11 - 12*

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.

STUDIO ART

1/2 credit

Grades 9 - 12

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.

ADVANCED STUDIO ART

1/2 credit

Grades 9 - 12

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.

DRAW AND PAINT

1/2 credit

Grades 10 - 12

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.

3D SCULPTURE

1/2 credit

Grades 9 - 12

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

1/2 credit

Grades 9 - 12

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.

MEDIA ARTS/ANIMATION

1/2 credit

Grades 9 - 12

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 opensource 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.

CHORUS

one credit

Grades 9 - 12

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*one credit**Grades 9 - 12**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.

GENERAL MUSIC*1/2 credit**Grades 9 - 12**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.

MUSIC THEORY, HISTORY & COMPOSITION*1/2 credit**Grades 11 - 12**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*1/2 credit**Grades 9 - 12**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*1/2 credit**Grades 9 - 12**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*1/2 credit**Grades 9 - 12**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

Beginning with the 21-22 School Year, there will be no differentiation between "A" and "B" level courses; rather, students will be grouped together unless it is an upper level (dual enrollment, advanced placement, running start) course.

Four credits of Mathematics are required for graduation, and one of the courses must be Algebra I. Students must take a math course senior year.

PRE-ALGEBRA*one credit**Grades 7 - 11**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*one credit**Grades 9 - 11**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.

MATH SKILLS II*one credit**Grades 9 - 11**4.0 GPA Weight**Pre-Requisites: Math Skills I*

COURSE DESCRIPTION IS MISSING

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

ALGEBRA I*one credit**Grades 7 - 12**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*one credit**Grades 8 - 12**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*one credit**Grades 8-12**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.

BUSINESS MATHEMATICS*one credit**Grades 11 - 12**4.0 GPA Weight**Pre-Requisites: Algebra I*

In this course, students discover how math skills can help take them along the path to personal financial success. Coverage includes gross and net income, checking and savings accounts, cash purchases, charge accounts and credit cards, loans, automobile transportation, housing costs, insurance and investments.

NOTE: This course could potentially be taught by a member of the Business Department; however, it would still count as a mathematics credit.

CAREER MATHEMATICS*one credit**Grades 10 - 12**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*one credit**Grades 10-12**5.0 GPA Weight**Pre-Requisites: Algebra I, 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

one credit

Grades 10-12

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

one credit

Grades 10-12

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: This course is currently only available at Canaan Schools. 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

one credit

Grades 10-12

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: This course is currently only available at Canaan Schools. 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.

MATH IN ART

1/2 credit

Grades 9 - 12

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.

NOTE: This course might be able to count toward the fine art credit required for graduation

HISTORY OF MATH

1/2 credit

Grades 9 - 12

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

Beginning with the 21-22 School Year, there will be no differentiation between "A" and "B" level courses; rather, students will be grouped together unless it is an upper level (dual enrollment, advanced placement, running start) course.

Two credits of Science, in Biology and Physical Science, are required for graduation. Beginning with the Class of 2025, an additional 1 credit of Science is required.

PHYSICAL SCIENCE

one credit

Grades 9 - 10

4.0 GPA Weight

Prerequisite: None

A Physical Science course is required for graduation.

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.

NOTE: Possibly offered every other year, opposite Biology

A and B level students will likely be scheduled together.

BIOLOGY

one credit

Grades 9 - 10

4.0 GPA Weight

This course is required for graduation.

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:

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.

NOTE: Possibly offered every other year, opposite Physical Science

RS CHEMISTRY

one credit

Grades 10 - 12

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.

NOTE: Project Running Start Course (4 college credits)

EARTH SCIENCE

one credit

Grades 9 - 12

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).

ECOLOGY

1/2 credit

Grades 11 - 12

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

FORENSICS

1 credit

Grades 11 - 12

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.

NOTE: Grade 10 with teacher permission

MARINE SCIENCE

½ credit

Grades 10 - 12

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.

PALEONTOLOGY

½ credit

Grades 9 - 12

4.0 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

½ credit

Grades 10 - 12

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 ANATOMY & PHYSIOLOGY

one credit

Grades 10 - 12

5.0 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.

NOTE: Project Running Start Course (4 college credits)

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

RS PHYSICS

one credit

Grades 10 - 12

5.0 GPA Weight

A Physical Science course is required for graduation.

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 A&P

ANIMAL & WILDLIFE SCIENCE

1/2 credit

Grades 9 - 12

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.

SOCIAL STUDIES

Beginning with the 21-22 School Year, there will be no differentiation between “A” and “B” level courses; rather, students will be grouped together unless it is an upper level (dual enrollment, advanced placement, running start) course.

Two ½ credits of Social Studies are required for graduation. Students must take US/NH History, Civics, Economics and either World History or Geography.

CURRENT EVENTS

1/2 credit

Grade 9 - 12

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.

ECONOMICS

1/2 credit

Grades 10 - 12

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, 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.

This course is required for graduation.

GEOGRAPHY

1/2 credit

Grades 9 - 12

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

1/2 credit

Grades 9 - 12

4.0 GPA Weight

Pre-Requisites: None

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.

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

This course is required for graduation.

US/NH HISTORY

one credit

Grade 11 - 12

4.0 GPA Weight

Pre-Requisites: None

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.

NOTE: NH History is embedded into this course. It is broken down into separate units, which will coincide with different eras in New Hampshire history. Each era will be addressed in terms of this history, civics, and government of

This course is required for graduation.

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. This course is typically taken during 11th grade.

WORLD HISTORY

1/2 credit

Grades 9 - 12

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 credit

Grades 11 - 12

4.5 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 (Holodomore), The Invasion of Manchuria, Mao's great leap forward, Pol Pot and the Khmer Rouge, Rwanda, Bosnia and modern North Korea.

NOTE: Alternates every other year with Sociology

SOCIOLOGY

1 credit

Grades 11 - 12

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 credit

Grades 10 - 12

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

½ credit

Grades 10 - 12

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

½ credit

Grades 10 - 12

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.

TECHNOLOGY & STEM

AUTOMOTIVE TECHNOLOGY**1 credit****Grades 10 - 12****4.0 GPA Weight****Prerequisites: Introduction to Technology or Small Gas Engines**

If you are interested in the fast growing automotive and transportation industry, this is the course for you. This career pathway includes jobs in the following areas: auto technician, truck and diesel technician, and collision technician, motorcycle and boat maintenance, as well as, many engineering and fabrication industries. This is the first in a two-year program designed for juniors and seniors. This program follows an ASE certified curriculum for maintenance and light repair. Students will have an opportunity to work on projects for customers in a working auto repair shop. First year students will learn about safe tool usage and shop practices as well as preventive maintenance, braking, and suspension systems. This course will prepare students to take the ASE certification tests in brake and suspension systems.

NOTE: This could be open to 9th grade if the prerequisites are met**ADVANCED AUTOMOTIVE TECHNOLOGY****1 credit****Grades 11 - 12****4.5 GPA Weight****Prerequisites: Automotive Technology**

This course will complete an ASE certified curriculum, and will cover two sections – electrical fundamentals and engine performance. The electrical section will include fundamentals and auto systems troubleshooting. The engine performance section will cover engine rebuilding and the latest in computerized engine scanner diagnostics and check engine codes. The second year student will also have the opportunity to learn welding and fabrication skills. Auto II students are encouraged to take part in Skills USA competitive events. Skills USA and its partners provide scholarships to winning teams. Students are also encouraged to take part in local shops and dealerships in the community.

INTRODUCTION TO WELDING**1 credit****Grades 11 - 12****4.0 GPA Weight****Prerequisites: Geometry, Planning & Design/CAD I**

Instruction begins with safety, metallurgy and joint geometry as students gear up to practice welding butt joints, corner joints, T-joints, lap joints, edge joints. Before advancing to more complex techniques, they learn to recognize welding symbols and interpret drawings or sketches.

INTRO TO TECHNOLOGY**1/2 credit****Grades 9 - 12****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**1/2 credit****Grades 9 - 12****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**1/2 credit****Grades 10 - 12****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**INTRO TO COMPUTER SCIENCE****1/2 credit****Grades 9 - 12****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 internets and the digital realms 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.

ADVANCED PLACEMENT COMPUTER SCIENCE *1 credit*

Grades 11 - 12

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'll 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

1/2 credit

Grades 10 - 12

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

1/2 credit

Grades 11 - 12

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.

WOODWORKING

1 credit

Grades 9 - 12

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

1/2 credit

Grades 9 - 12

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.

SMALL GAS ENGINES

one credit

Grades 9 - 12

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.

WELLNESS

One credit of Physical Education is required for graduation. Students must also complete the Health course.

HEALTH**4.0 GPA Weight****1/2 credit*****This course is required for graduation.*****Grade 9*****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.

NUTRITION**4.0 GPA Weight****1/2 credit****Grade 9 - 12*****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.

PHYSICAL EDUCATION**4.0 GPA Weight****½ credit****Grades 9-12*****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**4.0 GPA Weight****1/2 credit****Grades 9-12*****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, snowshoeing, biking, fitness walking and lawn activities.

WEIGHT TRAINING**4.0 GPA Weight****1/2 credit****Grades 9-12*****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.

INTRODUCTION TO COACHING**4.0 GPA Weight****1/2 credit****Grades 9-12*****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.

WORLD LANGUAGE

SPANISH I
4.5 GPA Weight
Prerequisites: None

one credit

Grades 9 - 12

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
4.5 GPA Weight
Prerequisite: Spanish I

one credit

Grades 9 - 12

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
4.5 GPA Weight
Prerequisite: Spanish II

one credit

Grades 11 - 12

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
4.5 GPA Weight
Prerequisite: Spanish III

one credit

Grades 11 - 12

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

OTHER

DRIVERS EDUCATION

¼ credit

Grades 10 - 12

Prerequisites: Students enrolling must be 16 years of age before the end of the program.

1. *Students are required to provide an original birth certificate, to have a current eye exam, which can be obtained from the school nurse by appointment, and to have paid for the course in full before the first class.*
2. *Selection for this class, in the event that more students desire to enroll in the class than there are positions available for them, will be determined first by grade and then by birth date.*

This course consists of 30 hours of classroom, 10 hours of driving, and 6 hours of in-car observation. The class will be conducted after school several days a week. The class will cover such topics as: New Hampshire Motor Vehicle Law, driving techniques, map reading, alcohol and drugs and overall highway safety.

The driving phase will consist of:

1. Procedures for starting and stopping, tracking, backing, turning, parking and visual search of the roadway.
2. Practice of the above procedures to attain proficiency.
3. Learning to interact responsibly and courteously with other roadway users.

NOTE: This course is graded pass or fail.

LNA PROGRAM

one credit

Grades 11 - 12

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

one credit

Grades 10 - 12

Prerequisite: *Students interested in participating in the STW program must submit themselves for an interview with the STW program coordinator.*

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.

This course is graded as a pass/fail.

SCHOOL COUNSELING OVERVIEW

School Counseling at Colebrook Academy & Elementary School is a vital part of the total school program with its own curriculum and 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 whom, 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 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. NOTARIZED LETTERS ARE NOT ACCEPTABLE.** Immunization records are also necessary prior to enrollment.
- ◆ The School Counseling Department is responsible for student academic records, credit checks, and transcripts.

FOUR YEAR PLAN WORKSHEET – STUDENT COPY

Name: _____

YOG: _____

	Grade 9		Grade 11	
English 9	_____	_____	English 11	_____
Math	_____	_____	Math	_____
History	_____	_____	U.S. History	_____
Physical Science	_____	_____	Science	_____
Health	_____	_____	Economics	_____
Computer	_____	_____	Elective	_____
Fine Arts	_____	_____	Elective	_____
Physical Education	_____	_____	Elective	_____
Elective	_____	_____	Elective	_____
Elective	_____	_____	Elective	_____
Total credits	_____	_____	Total credits	_____

	Grade 10		Grade 12	
English 10	_____	_____	English 12	_____
Math	_____	_____	Math	_____
History	_____	_____	Careers	_____
Biology	_____	_____	Personal Finance	_____
Physical Education	_____	_____	Elective	_____
Elective	_____	_____	Elective	_____
Elective	_____	_____	Elective	_____
Elective	_____	_____	Elective	_____
Elective	_____	_____	Elective	_____
Elective	_____	_____	Elective	_____
Total credits	_____	_____	Total credits	_____

GRADUATION REQUIREMENTS – 26 credits

- | | |
|--|--|
| 4 credits English | ½ credit N.H. Government/Civics |
| 4 credits Mathematics (1 credit must be Algebra) | 2 credits Science (Biology & a Physical Science) |
| 1 credit Physical Education | ½ credit Personal Finance |
| ½ credit Economics | ½ credit Careers |
| ½ credit Information & Communication Technology | ½ credit Fine Art (Art, Music, etc.) |
| ½ credit World History or Geography | ½ credit Health |
| 1 credits U.S. History | Electives |
| ½ credit Community Service (50 hours) | |

All other credits can be in a student’s track or elective areas.
Students must take eight credits per year.