

Canaan Memorial High School

Program of Studies *2017 - 2018*



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The ENSU and Canaan Schools provide equal access to the Boy Scouts and other designated youth groups. For questions regarding this policy please contact the Superintendent of Schools at (802) 266-3330.

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Welcome

The Canaan Memorial High School *Program of Studies* is designed to assist students in selecting courses for the upcoming school year and to guide them in the development of their overall high school course of study. It is important to read through this information carefully so students can take full advantage of the educational opportunities offered at our school. We hope to provide students with as many learning opportunities as possible so they can be prepared for all of the options available to them after graduation.

Course selection should be made based not only on students' interests but more importantly on their abilities and future plans. Classroom teachers will make course recommendations based on past performance, demonstrated skills and results from standardized tests (like SBAC, MAP, PSAT, and SAT). Pay special attention to any pre-requisites that may be required before a student can enroll in a particular course as well as the impact course levels have on weighted, cumulative grade point average (GPA). Parents are encouraged to discuss these plans with their sons/daughters and to become a part of the course selection process.

To meet the requirements of federal law, we are required to disclose directory information (name, address and phone number) of all high school students to military recruiters unless you elect otherwise. The form is located in the back of the *Program of Studies* and should be returned to the Guidance Office by the last day of school. If we do not hear from you by this date, we will treat your answer as a "yes" and provide information to recruiters for the upcoming school year.

I hope you find the *Program of Studies* useful and informative. I welcome any comments or suggestions you might have in improving it. If you have any questions, please contact me at 266-8910, ext. 28 or at cclogston@canaanschools.org.

Sincerely,

Mrs. Colleen Clogston, M.Ed
School Guidance Counselor

ACADEMIC POLICIES

Graduation Requirements:

Total Credits Required for Graduation = 28.5

- 4 credits of English (Required: American Literature)
- 3 credits of Social Studies (Required: US History)
- 4 credits of Mathematics (Required: a course during Senior year)
- 3 credits of Science (Required: Biology; one other science credit must be either Physical Science, Chemistry or Physics)
- 1.5 credits of Physical Education
- .5 credit of Health
- .5 credit of Computer Applications
- 1 credit of Personal Finance
- 1 credit of Music
- 1 credit of Visual Art
- 9 credits of electives

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 earns 6 credits in the freshman year will not be promoted to grade 10. Students are promoted at the end of the school year; however, students who are retained will be promoted at the end of the first semester of the following school year if the necessary minimum numbers of credits have been achieved. Promotion impacts WIN assignment, class activities, and anything else that is grade dependent.

| | <u>Credits Needed</u> |
|-----------------------------------|-----------------------|
| For promotion from grade 9 to 10 | 7 |
| For promotion from grade 10 to 11 | 14 |
| For promotion from grade 11 to 12 | 22 |
| For graduation | 28.5 |

Grading Procedures

Students at Canaan Memorial High School receive numeric course grades two times during each semester—4 quarters. A student’s final course grade is comprised of the average of the two quarter grades and the final exam. Throughout the duration of a course, students and families can monitor grades on an on-going basis through Web2School, Canaan Schools’ Student Information System.

Grading System

The following scale is used:

| | | | |
|--------|--|---|-------------------------------|
| 93—100 | A | P | Pass |
| 85—92 | B | F | Fail |
| 77—84 | C | W | Withdrawn |
| 70—76 | D | E | Exempt (used for Final Exams) |
| 0—69 | Failing | | |
| I | Incomplete (student has until progress reports of the next term to finish) | | |

Honor Roll Status

To receive High Honors for a term, all grades for the term must be 93 or higher; or an average of 95.

To receive Honors for a term, all grades for the term must be between 85 and 92; or an average of 87.

Course Weighting

In order to recognize those students who have taken a more challenging course load, those courses that have been designated as Honors (H) will be weighted heavier (1.10) than those courses that are considered Standard. It is important for students and parents to know that this weighting is computed for determining class rank ONLY. It does not, in any way, change a student’s final course grade. Weighted averages are used solely for the purpose of ranking students to determine placement in their graduating class.

Standard (S)

Courses are student-oriented and characterized by lively classroom discussion, group projects, and meaningful homework. These classes prepare students for technical schools and the work force.

Honors (H)

Courses require moderate to extensive intellectual development and outside preparation. These courses are designed to prepare students for two- or four-year colleges. Reading levels should be above the nationally-normed median. Students are assumed to be self-motivating.

These courses are weighted more when determining GPA and class rank.

Valedictorian/Salutatorian

In order to be eligible for Valedictorian or Salutatorian, a student must complete both his/her Junior and Senior years at CMHS. Students who transfer to CMHS during or after their Junior years will not be eligible for Valedictorian or Salutatorian.

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. Weighted GPA is based on the following formula

$$\frac{\sum(GP \times CV)}{CA}$$

where GP = grade points, CV = credit value (1.0 for regular courses and 1.10 for Honors or Dual Enrollment courses), and CA = credits attempted.

Incomplete Grades

An incomplete is up to the discretion of the classroom teacher. It can be given to a student who has not completed work after having been absent for an extended period of time. It is the student's responsibility to make arrangements with teachers to make up missed work. A student who receives an Incomplete in a class has until progress reports for the next term are distributed to make it up. If it is not completed by the deadline, the grade at the time will be recorded for the "I".

Withdrawal Grades

Students will receive a course grade of "Withdrawn" (W) when they drop a class after the Add/Drop period has ended. Students will have 1 week (5 school days) after the start of a semester to change their schedule. Students should know that a Withdrawn grade becomes part of their permanent record and is recorded on the transcript. Withdrawn grades also negatively affect GPA and class rank because these calculations are based on a comparison between credits attempted and credits completed.

Accelerated Learning

Dual Enrollment:

Vermont's Dual Enrollment Program allows high school juniors and seniors to take up to two college courses for free at participating postsecondary partner schools. These classes are weighted as Honors courses and are designated on transcripts with "DE" and then the name of the college. For example, DE (CCV) Law Enforcement in America. Students can take courses during the summer of his/her junior year through the spring semester of his/her senior year. The program is only available to students who are Vermont residents. There are currently 19 participating colleges throughout the state. To find out more about this program, see www.vtdualenrollment.org

Early College Program (ECP):

Some Colleges and Universities in Vermont may develop an early admission program that allows high school seniors to take a full year of college-level classes while completing their high school degree. The ECP simultaneously serves as a student's senior year of high school and a full year of college credit. Students may take a year-long course of study in any discipline. The following have been approved to offer an ECP for the upcoming year. For more information, students should contact the approve college directly to apply: Castleton State University, Community College of Vermont, Goddard College, Johnson State College, Lyndon State College, Norwich University and Vermont Technical College (Vermont Academy of Science and Technolgy (VAST)).

Early Graduation Policy

The following policy was adopted by the Canaan School Board in November, 1994.

Early graduation is not recommended, nor is it encouraged, for the majority of high school students. However, early graduation (fewer than four complete school years of attendance) may be considered for students attending Canaan Memorial High School.

The following policy shall be in effect regarding all student requests for early graduation from Canaan Memorial High School:

1. A student will be considered for early graduation from Canaan Memorial High School in fewer than four (4) academic years if he/she has met all graduation requirements.
2. Procedures to be followed:
 - a) Requests to complete graduation requirements at the end of the eleventh grade MUST be made when registering for courses the preceding school year (10th grade). Courses will be scheduled once the request has been approved by the principal.
 - b) Requests to complete graduation requirements at the end of the first semester of the senior year MUST be made when registering for courses the preceding school year (11th grade). Courses will be scheduled once the request has been approved by the principal.
 - c) Approval for early graduation MUST be submitted in writing by the student's parent or guardian, unless the student is 18 years or older and has written approval on file in the office to write his own notes. NO REQUEST will be considered without parent or guardian approval for students under 18 years of age.
 - d) Early graduation candidates must develop a transition plan for presentation to and approval by the Canaan School Board. Input for this plan will come from the student, his/her parent(s), the guidance counselor and the principal. The principal will be responsible for inviting additional, appropriate faculty or agencies to help in developing this transition plan.
3. A diploma will be awarded in June following the completion of all graduation requirements.

There will be no exceptions to the above policy. Each step must be completed within the time guidelines for consideration for early graduation.

IT SHOULD BE NOTED THAT EARLY GRADUATION MAY NOT BE POSSIBLE BECAUSE A SCHEDULE CANNOT BE DEVELOPED.

Fast Forward Program:

The Fast Forward program allows Vermont resident students in CTE programs to get credit for college courses taken at the regional CTE centers. Fast Forward is for Vermont students who have not yet graduated from high school and who are enrolled in a partner career technical education center program. The courses are taught at the regional CTE, and classes are scheduled during the regular school day. Each student is given two courses. Fast Forward helps students get high school and college credits (from either VTC or CCV), earn their degree faster, and start their career sooner.

Running Start (RS):

Project Running Start is a dual enrollment/dual credit/concurrent enrollment program offered by the Community College System of NH (CCSNH). Students earn transcribed college credit for courses offered at Canaan. The courses are taught by high school teachers who meet the hiring qualifications for CCSNH faculty, and the course work and materials meet the college level content standards. These classes are weighted as Honors courses and are designated on transcripts with "RS". Students enrolled in a RS course MUST engage in the college's curriculum; however, the student may elect NOT to earn the credits.

The registration fee for each Running Start course is \$150 and is paid for by the Canaan School District. At the beginning of the semester, a representative from White Mountains Community College meets with all students

scheduled for Running Start courses and explains the advantages of taking RS, the registration process, costs, etc. \$75 scholarships are available to students who qualify for Free or Reduced Lunch.

| <u>CANAAN COURSE TITLE</u> | <u>WMCC COURSE NUMBER</u> | <u>WMCC CREDITS</u> |
|---------------------------------|---------------------------|---------------------|
| • Anatomy & Physiology | BIOL114 | 4 credits |
| • Calculus | MATH215 | 4 credits |
| • Chemistry | CHEM111 | 4 credits |
| • College Composition | ENGL120 | 4 credits |
| • Environmental Science | ENVS110 | 4 credits |
| • Forensics | CRMJ108 | 4 credits |
| • Physics | PHYS112 | 4 credits |
| • Pre-Calculus | MATH180 | 4 credits |
| • TAC Math | MATH120 | 4 credits |
| • Statistics | MATH214 | 4 credits |
| • Survey of American Literature | ENGL223 | 3 credits |
| • Biology | BIOL111 | 4 credits |

47 total possible credits

Personalized Learning

Virtual Learning Academy Charter School (VLACS): *for our New Hampshire students*

The Virtual Learning Academy Charter School is New Hampshire’s first statewide, on-line school that is available, free of charge, to all middle and high school students who live in New Hampshire. The Academy also serves out of state students on a tuition basis. The Academy has been approved as a public charter school by the New Hampshire Board of Education and is also a 501(c)(3) non-profit organization. An independent Board of Trustees governs the school.

Canaan students who are residents of NH can enroll in a VLACS course at any time during the academic career. Grades earned in VLACS courses are calculated into a student’s GPA based on the level of difficulty indicated by VLACS. Students can elect to take AP courses from VLACS and these would be Honors. Regular VLACS courses and competency courses are Standard.

VLACS courses will be noted on students’ schedules and ultimately on their final transcripts. Students taking a VLACS course will be assigned to the library.

VLACS also offers some courses as Running Start or “early college” courses. These would be Honors. The cost for these courses is \$150. Running Start courses produce credits from community colleges around the state. The “early college” courses produce credits from various NH institutions like White Mountains Community College and Southern New Hampshire University.

Internships

Internship experiences are available to juniors and seniors who are in good academic standing. Students will not be paid for the job they perform as part of their internship. Students who are interested in an internship should notify the Principal and the Guidance Counselor of his/her intentions when registering for courses in the semester prior to when the internship is to begin. The internships will be closely monitored by the school to work/ internship coordinator. The Principal will grant final approval for an internship to take place.

Work Study

Work Study is for those students who have reached the age of 18, have achieved senior class standing and are scheduled to graduate in June of that year. Because Work Study releases students from school to go to work, students do not receive grades or course credit.

Middlebury Interactive Languages

Canaan students can immerse themselves in language and culture through the Middlebury Interactive Languages program. This interactive, online program offers courses in Spanish, French, Chinese, German and Latin. The curriculum was developed by Ph.D-level academics and linguistic experts and uses teaching methodology from Middlebury College’s renowned Language schools. Students taking one of these courses will be assigned a full block in the library and can earn 1 high school credit. Speaking and listening labs are incorporated into the course as well as contact with an instructor.

Virtual High School (VHS)

Canaan students have the opportunity to participate in online courses through the Virtual High School (VHS). Students can take these online courses for the purposes of enrichment. They are assigned to the library and work independently. Courses must be pre-approved by the guidance counselor, who also monitors the course. These courses are typically worth ½ credit and do not require an entire semester to complete; thus, students can enroll and finish 2 ½-credit VHS courses in a semester. The add/drop period for these courses is the same as a regular course. *VHS’ course offerings can be viewed at www.govhs.org.*

Making-Up Credits

The master schedule is created each year to ensure that students will be able to take courses in the sequence that is recommended. It is not created to make sure that students can make up failed courses. Students who fail a course that is required for graduation have two options in order to make up the course. The first is to retake the course or take a similar section of the course such as taking American Literature - Standard to make up for failing American Literature - Honors. 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 complete a “credit recovery” contract with the teacher. This contract will involve identifying assignments, assessments, tasks, etc. to focus on to bring the grade to a passing grade of 70. A specified time to complete the recovery will also be agreed upon. If this option is taken, it will appear on a student’s transcript.

Courses at Pittsburg High School and Colebrook Academy

Beginning in the 2017—2018 year, Canaan students can elect to take courses at one of the local high schools. Participating students will attend morning classes and then return to Canaan for lunch and afternoon classes. They will enroll in two courses to earn two credits. Credits and grades will transfer to Canaan and count toward graduation. Core subjects and/or elective courses can be taken.

Pittsburg High School Course Options (a sampling)

| | | | |
|-------------------|----------------------------|-----------------------|-----------------|
| Parenting | Careers in Youth Education | Sculpture | Woodworking 1—3 |
| Outdoor Adventure | English 11/12 | English 9/10 | Modern History |
| US History | Psychology | Pre-Calculus | RS Accounting |
| Biology | NH History | Childhood Development | General Math |

Colebrook Academy Course Options (a sampling)

| | | | |
|-------------------|---------------|-----------------|------------------|
| Graphics | ICT | Chemistry | Physical Science |
| Child Development | Gardening | RS Pre-Calculus | History of Math |
| General Geometry | Small Engines | Automotive | Ag Mechanics |

Spanish 1—3
Film is Literature
Earth Science

French 1—3
English 9—12
Robotics

Sociology
Journalism
CAD

US History
Biology
Advanced Art

Scheduling

Course Load

All 9th, 10th, 11th and 12th grade students are required to take 8 eighty-five minute courses per year (4 per semester). Study halls and free blocks are never permitted. Seniors who are being released from school for work-study will be exempt from this policy. If no class is available for a student to take, he may take an on-line course for enrichment or an independent study (based on availability) that is approved by either the principal or the guidance counselor, or he may arrange to volunteer in some capacity at school (e.g. Reading in the elementary school, assisting a teacher, etc.).

Selecting Courses

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

1. Ask yourself, “What do I want to do when I graduate from high school?” It is important for students to start thinking about this question even before they enter high school. As described below, CMHS offers three course pathways –Academic, Honors and Career and Technical Education. It is important to understand that if students are planning to attend or are thinking that they might attend a two- or four-year college, they should seriously consider taking the most challenging courses when possible. Honors courses are designed to prepare students for the course work they will face in a college environment. Many colleges have course requirements for acceptance and students should make themselves familiar with these requirements. Students who are not prepared academically risk not being accepted into college, or they may be accepted but have to take pre-college courses that do not count for college credit.
2. Follow the recommended course sequence. The importance of this cannot be understated. The master schedule is created each year so that as students move from one year to the next they will be able to take the required courses that are recommended for that particular year. Students should take courses in the year they are recommended, not out of sequence because they failed a course or they wanted to complete all of their graduation requirements.
3. Be aware of which courses are required to graduate. Although the Guidance Office tracks student progress in earning graduation requirements, students should be very aware of which courses are required and where they stand in accumulating those required credits. Students can get this information in the Guidance Office at any time throughout the school year.

Add/Drop Policy

Students should make every effort to choose courses that are either required for graduation and/or are of interest. In the rare instance that a student feels he needs to change a course, students will be allowed to add and drop a class within the first week of the current semester. Students will need to get an Add/Drop Form in the Guidance Office, have it signed by the teachers involved, as well as a parent and return it to the Guidance Office to be processed. Students who would like to change a course after the Add/Drop period will still have to follow the process but will have a “W” on their transcript.

Course Sequence

Below is listed a recommended sequence in which to take courses during each year of high school. It is important to follow this sequence as closely as possible 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!

Recommended Sequences

Honors Track

| | <u>Freshman</u> | <u>Sophomore</u> | <u>Junior</u> | <u>Senior</u> |
|--------------------------------------|----------------------|---|--|--|
| English | American Literature | British Literature | RS College Composition | RS Survey of Literature |
| Math | Algebra I | Algebra II – H | Geometry RS Pre-Calculus RS Calculus | RS Statistics RS TAC Math RS Pre-Calculus RS Calculus |
| Social Studies | World History | US History | Psychology | |
| Science | Biology | Physical Science | RS Chemistry RS Physics RS Anatomy RS Biology | RS Chemistry RS Physics RS Anatomy RS Biology |
| Art | | Choose 1: Modern Art Ancient Art | | |
| Music | | Choose 1: General Music Band Chorus | | |
| PE | PE I | PE II <u>OR</u> PE Ind. Study | | |
| Business | Computer Apps | | | Personal Finance |
| Family & Consumer Science | Health | | | |
| Electives | Choose 2 | Choose 1 | Choose 4 | Choose 4 |

Courses in **bold** are required courses for graduation

Academic Track

| | Freshman | Sophomore | Junior | Senior |
|--------------------------------------|---------------------------------------|---|------------------------------|-----------------------|
| English | American Literature | British Literature | Choose English course | Choose English course |
| Math | Algebra I <u>OR</u> Pre-Algebra | Algebra I <u>OR</u> Algebra II – S | Choose Math course | Choose Math course |
| Social Studies | World Events | US History | Choose Social Studies course | |
| Science | Biology | Physical Science | Choose Science course | |
| Art | | Choose 1: Modern Art Ancient Art | | |
| Music | | Choose 1: General Music Band Chorus | | |
| PE | PE I | PE II <u>OR</u> PE Ind. Study | | |
| Business | Computer Apps | | | Personal Finance |
| Family & Consumer Science | Health | | | |
| Electives | Choose 2 | Choose 1 | Choose 4 | Choose 5 |

Courses in **bold** are required courses for graduation

Career and Technical Education Course Sequences

Canaan Memorial High School offers four career and technical education programs: Building Trades, Business Administration and Technology, Diversified Agriculture and Fire and Emergency Services. Because these programs meet two full blocks each semester during the junior and senior years, it is important that students interested in enrolling in these programs follow the recommended course sequences outlined below.

Building Trades Track

| | Freshman | Sophomore | Junior | Senior |
|--------------------------------------|---|---|------------------------------|------------------------------------|
| English | American Literature | British Literature | Choose English course | Choose English course |
| Math | Algebra I Pre-Algebra | Algebra II – H <u>OR</u> Algebra II – S | Choose Math course | <i>Building Trades Math Credit</i> |
| Social Studies | World History I <u>or</u> World Events | US History | Choose Social Studies course | |
| Science | Biology | Physical Science | Choose Science course | |
| Art | | Choose 1: Modern Art Ancient Art | | |
| Music | | Choose 1: General Music Band Chorus | | |
| PE | PE I | PE II <u>OR</u> PE Ind. Study | | |
| Business | Computer Apps | | | Personal Finance |
| Building Trades | | Woodworking or Home Repair & Maintenance <i>These would count as electives</i> | Building Trades | Building Trades |
| Family & Consumer Science | Health | | | |
| Electives | Choose 2 | | | Choose 2 |

Courses in **bold** are required courses for graduation

Students who successfully complete the two year Building Trades program are awarded one math credit and 7 elective credits; for a total of 8 credits.

Business Administration & Technology Track

Program Prerequisite: Pre-Tech

| | Freshman | Sophomore | Junior | Senior |
|--------------------------------------|---|--|---|---|
| English | American Literature | British Literature | Choose English course | <i>Business Tech English Credit</i> |
| Math | Algebra I Pre-Algebra | Algebra II – H <u>OR</u> Algebra II – S | Choose Math course | Choose Math course |
| Social Studies | World History I <u>or</u> World Events | US History | Choose Social Studies course | |
| Science | Biology | Physical Science | Choose Science course | |
| Art | | Choose 1: Modern Art Ancient Art | | |
| Music | | Choose 1: General Music Band Chorus | | |
| PE | PE I | PE II <u>OR</u> PE Ind. Study | | |
| Business | Computer Apps | Pre-Tech <i>This would count as an elective</i> | Business Tech I Business Tech II | Business Tech III Business Tech IV Personal Finance |
| Family & Consumer Science | Health | | | |
| Electives | Choose 2 | | Choose 2 | Choose 4 |

Courses in **bold** are required courses for graduation

Students who successfully complete the two-year Business Administration and Technology program are awarded an English credit and 7 elective credits; for a total of 8 credits.

Diversified Agriculture Track

| | Freshman | Sophomore | Junior | Senior |
|--|---|---|------------------------------|---|
| English | American Literature | British Literature | Choose English course | Choose English course |
| Math | Algebra I Pre-Algebra | Algebra II – H <u>OR</u> Algebra II – S | Choose Math course | Choose Math course |
| Social Studies | World History I <u>or</u> World Events | US History | Choose Social Studies course | |
| Science | Biology | Physical Science | | <i>Diversified Agriculture Science Credit</i> |
| Art <i>Beginning with class 2017</i> | | Choose 1: Modern Art Ancient Art | | |
| Music <i>Beginning with class 2017</i> | | Choose 1: General Music Band Chorus | | |
| PE | PE I | PE II <u>OR</u> PE Ind. Study | | |
| Business | Computer Apps | | | Personal Finance |
| Diversified Agriculture | | | Diversified Ag | Diversified Ag |
| Family & Consumer Science | Health | | | |
| Electives | Choose 1 | Choose 1 | Choose 1 | Choose 1 |

Courses in **bold** are required courses for graduation

Students who successfully complete the two year Diversified Agriculture program are awarded one science credit and 7 elective credits; for a total of 8 credits.

Fire and Emergency Services Track

| | Freshman | Sophomore | Junior | Senior |
|--------------------------------------|---|---|-----------------------|-----------------------|
| English | American Literature | British Literature | Choose English course | Choose English course |
| Math | Algebra I Pre-Algebra | Algebra II – H <u>OR</u> Algebra II – S | Geometry | Choose Math course |
| Social Studies | World History I <u>or</u> World Events | US History | Choose Social Studies | |
| Science | Biology | Physical Science | | FES Science Credit |
| Art | | Choose 1: Modern Art Ancient Art | | |
| Music | | Choose 1: General Music Band Chorus | | |
| PE | PE I | | | <i>PE credit</i> |
| Business | Computer Apps | | | Personal Finance |
| Fire & Emergency Services | | | FES | FES |
| Family & Consumer Science | Health | | | |
| Electives | Choose 2 | Choose 2 | Choose 1 | Choose 1 |

Courses in **bold** are required courses for graduation

Students who successfully complete the two year Fire and Emergency Services program are awarded one science credit, one PE credit, and 6 elective credits; for a total of 8 credits.

Course Offerings (by subject)

ART

FOUNDATIONS OF ART CLASSES

There are two foundation art classes: Ancient Civilizations and Modern Roots. Both classes are one credit high school courses aimed at introducing students to five categories of study in the arts: elements & principles, media & processes, art criticism, art history, and art production. The classes include a survey of art history, activities that exercise problem solving and aesthetic judgment, as well as critique of artwork. Major differences between the two classes include the projects assigned, the application of media, and the period of art history that is covered. A student may use either of the Foundations of Art classes (Ancient Civilization or Modern Art) as a prerequisite for upper level classes like: *Drawing, Painting & Sculpture* and *Pottery & Photography*. If a student chooses to take both Foundations of Art classes, the second class will count as an elective. It is recommended that students take the Foundations of Art classes during their freshman or sophomore years. The courses can be taken for standard or honors credit. Both strands are offered during the same instructional period. Students must choose between the two courses during the add/drop period.

COURSE TITLE: Ancient Civilizations

1 Credit

This Foundations of Art class covers painting, sculpture, architecture and other media from the following historical areas: Prehistoric Art; Ancient Egyptian Art; Greek Art; Roman Art; Art of India, China & Japan; Art of the Native Americas; and Arts of Africa. Projects will be based on concepts from the above historical eras. Media and processes will include but not be limited to drawing, painting, printmaking, photography, ceramics, and sculpture. A major focus will be on developing a visual vocabulary, including the principles and elements of art, that students can use to describe, analyze, interpret and critique works of art. Either this class or the class, *Foundations of Art: Modern Roots* will fulfill the prerequisite requirement for *Drawing, Painting & Sculpture* and *Pottery & Photography*.

PREREQUISITES: None

GRADE PLACEMENT: 9—12

COURSE TITLE: Modern Roots

1 Credit

DESCRIPTION: This Foundations of Art class covers painting, sculpture, architecture and other media from the following historical areas: Early Medieval; The Gothic Era; The Italian Renaissance; Fifteenth Century Art in Northern Europe; Art of Sixteenth Century Europe; Baroque Art; Rococo Art; New Styles in Nineteenth Century Art; Art of Later Nineteenth Century, Art of the Early Twentieth Century; Modern Art Movements to the Present. Projects will be based on concepts from the above historical eras. Media and processes will include, but not be limited to drawing, painting, printmaking, photography, ceramics and sculpture. A major focus will be on developing a visual vocabulary including the principles and elements of art that students can use to describe, analyze, interpret and critique works of art. Either this class, or the class *Foundations of Art: Ancient Civilizations*, will fulfill the prerequisite requirement for *Drawing, Painting & Sculpture* and *Pottery & Photography*.

PREREQUISITES: None

GRADE PLACEMENT: 9—12

BEYOND BASICS: HIGHER LEVEL ART CLASSES

There are two upper level studio art classes offered at Canaan: Drawing, Painting & Sculpture; and Pottery & Photography. Students must have passed one of the Foundations of Art classes in order to enroll in an upper level art class. These classes are also offered for Standard or Honors level credit.

COURSE TITLE: Drawing, Painting & Sculpture **1 Credit**

DESCRIPTION: Drawing, Painting & Sculpture is an in-depth study of the three mediums, their histories and their masters. The focus is primarily on relating the principles and elements of art to observational and abstract work, both our own and that of well-known artists. Realistic subject matter will include the genres of still life, landscape, and portraiture. The first term will be dedicated to building perceptions of edges, space, relationships, lights & shadow and gestalt (perception of the whole), through drawing exercises. Artistic development and psychobiology of the brain is discussed in order to understand ourselves and the way we perceive the world around us. During subsequent terms, there will be an increased emphasis on creativity and pursuit of individual interests as the class explores collage, printmaking, painting and sculptural processes. Students will complete a presentation or publication project each term relating to “My History as an Artist,” art history, and art criticism.

PREREQUISITES: Either one of the Foundations of Art classes: Ancient Civilizations or Modern Roots

GRADE PLACEMENT: 9—12

Course Offered: Every other year; anticipated to be offered during the 2017-2018 school year

COURSE TITLE: Pottery & Photography **1 Credit**

DESCRIPTION: The focus of this class will be on the processes used in: low-fire pottery, black and white film photography, and digital photography. Emphasis will be placed on developing vocabulary, skills, and craftsmanship. The historical roles of each medium will be discussed along with their relationship to chemistry and physical science. Three-dimensional drawing, process documentation, and procedural writing, historical research, and art criticism will also be a part of the class. Students will be encouraged to embrace new ideas and materials, to think of unique solutions to visual problems, to use the processes to achieve goals, and to evaluate finished products.

PREREQUISITES: Either one of the Foundations of Art classes: Ancient Civilizations or Modern Roots

GRADE PLACEMENT: 9—12

Course Offered: Every other year; anticipated to be offered during the 2018-2019 school year

COURSE TITLE: Advanced Studio **1 Credit**

DESCRIPTION: This course is an honors level class designed for self-motivated, serious art students who wish to pursue studies in art further than other course have allowed. College bound students may use this time to accumulate work for a college portfolio. Other students may have a particular media that they want to explore in-depth. Students who take this course work independently. Projects and topics of study are proposed by the students, although some assignments may be given. In addition to studio projects, students will submit sketchbook assignments and writing assignments. Writing topics will include art processes, art history, art criticism, current events, and moral/ethical questions in art. Emphasis is placed on skill, creativity, problem solving, experimentation, self-direction and self-critique. The product of the semester’s work will be an exhibition, which communicates a progression of skills and ideas.

PREREQUISITES: Students will have taken a minimum of two art classes. More consideration will be given to students who have taken all Foundations and Upper Level courses.

- Students must submit three works for review by the instructor prior to being admitted to the class. At least one of these works must have been completed independent of previous coursework. These works should show substantial skill, self-direction, and creativity.
- Students must have a reputation for being self-motivated, responsible, and articulate.
- Students will have to complete a contract and have it signed by their parents or guardians and the instructor.
- Admittance to the class is not guaranteed. It will be based on the instructor's evaluation of the student, the number of other students in the classroom, and the availability of supplies.

GRADE PLACEMENT: 9—12

BUSINESS

COURSE TITLE: COMPUTER APPLICATIONS

1 Credit

DESCRIPTION: Reinforcement of keyboarding skills and operative parts of the computer are stressed with emphasis on correct techniques. Students will be exposed to the basic formatting skills needed to produce personal and business documents. Production work is varied to introduce and reinforce skills in proofreading, vocabulary, being on task and time management. Students will be exposed to the four applications of Office 2000: Word (word-processing), Excel (Spreadsheets), Access (databases) and PowerPoint (presentations). Little, if any work, will be done outside of class time, therefore, attendance is ***very important***. Grades will be determined based on daily average, work average, and test and quiz averages. This is a required course for freshman.

PREREQUISITES: Keyboarding 7

GRADE PLACEMENT: Required for freshmen

Maximum Enrollment: 15

COURSE TITLE: PRE-TECH

1 Credit

DESCRIPTION: This is a basic class for introducing students to the world of business and their part in that world. It stresses how business works, how it is organized, how it communicates, makes decisions, keeps track of information and emphasizes the e-commerce and e-communications business of today's society. Students will be using the computer to keep track of their work, e-mail assignments and receive e-mail communications. The final project will be a business presentation involving use of the computer and its resources to generate a visual, audio and text presentation along with oral communication to present to the class. Grades will be determined based on daily average, work average and test and quiz averages. This course is recommended for students who are interested in enrolling in the Business Administration Technology program.

PREREQUISITES: Keyboarding 7 and Computer Applications strongly recommended

GRADE PLACEMENT: All grades

COURSE TITLE: ACCOUNTING I

1 Credit

DESCRIPTION: This course is designed to provide the student with an understanding and knowledge of basic accounting terminology, concepts and standards of practice. Analyzing and recording of transactions, preparation of statements, understanding adjustments and other refinements of the accounting cycle are addressed. This will be done manually and reinforced electronically. There will be some times when work will need to be done outside of class. No more than 2 hours a week. Grades will be determined based on daily average, work average, and test and quiz averages. This course is offered as a component of Business Technology or a standalone class.

PREREQUISITES: None

GRADE PLACEMENT: Junior or Senior (Earlier at teacher discretion)

COURSE TITLE: ACCOUNTING II **1 Credit**

DESCRIPTION: This course is designed to provide the student with an understanding of basic accounting terminology, and generally accepted accounting practices beyond the introductory Accounting I class. Emphasis will be placed on accounting for merchandising corporations as well as computerized accounting using Quicken software and self-contained simulations.

PREREQUISITES: Successful completion of Accounting I

GRADE PLACEMENT: Junior or Senior

COURSE TITLE: ADVANCED ACCOUNTING **1 Credit**

DESCRIPTION: This course will build on the Accounting II class by adding more conceptual and analytical processing. Automated accounting will be included which will be computer based and online. The more advanced skills will prepare students for the workplace or further advanced studies.

PREREQUISITES: Successful completion of Accounting I and II

GRADE PLACEMENT: Seniors (Juniors with teacher approval)

COURSE TITLE: PERSONAL FINANCE **1 Credit**

DESCRIPTION: Financial planning and self-management skills for the future will be the focus of the course. Areas of study will include planning for educational expenses, personal and household budgeting, taxes, banking, investing, insurance, credit procedures, rights and responsibilities of consumers, and long-range financial planning. A foundation of economics will be included to make informed life-long financial decisions and apply decision-making skills to make effective use of income to achieve personal financial success.

PREREQUISITES: None

GRADE PLACEMENT: Open to all students but required for graduation so upperclassmen have priority

COURSE TITLE: PUBLICATION DESIGN **1 Credit**

DESCRIPTION: This course involves students in the process of creating a publication. It integrates graphic design, desktop publishing, digital photography, finance, on-line activities and public relations. The major production is the yearbook and/or supplement to the yearbook. Due to the nature of the product, students taking the course are expected to be responsible and self-motivated. Students who do not complete work assigned will receive a failing grade for that work. This is a FULL year. Both semesters are required. No partial credit will be given to students who drop the class at the semester change)

PREREQUISITES: Computer Applications

GRADE PLACEMENT: must be a junior or senior (others upon teacher approval)

Maximum Enrollment: 12 students (seniors have priority)

COURSE TITLE: Marketing **1 Credit**

DESCRIPTION: Marketing is a multi-faceted, critical business function that depends on the application of mathematics and English principles, the use of scientific problem solving, and the application of technology to marketing situations and problems. The skills, attitudes, and abilities needed for success in the workplace are practiced in this class. The marketing functions (market planning, product and service management, distribution, pricing, promotion, selling, marketing-information management, financing and risk management) will be introduced and the importance of each in the overall marketing plan will be studied.

PREREQUISITES: PreTech

GRADE PLACEMENT: Junior or Senior (earlier with teacher approval)

CAREER & TECHNICAL EDUCATION

BUSINESS ADMINISTRATION & TECHNOLOGY

Business Technology is designed for, but not exclusively for, students pursuing a business related career. The students will cover such material as filing, business correspondence, operation and maintenance of office equipment including the telephone, computer, printer, calculator, copier, FAX machine, digital camera, scanner, iPads, Smart phones. The four basic business computer applications, (word processing, spreadsheets, databases and presentation software) will be covered beginning at basic levels and building to possible MSO (Microsoft Office) Specialist Certification. English review, math review and independent world-of-work skills as well as interpersonal relationships and communications will also be stressed. This course provides basic training in the above areas so students may concentrate on integration projects and problem solving.

This course has been designed in 8 modules. Business Tech 1 introduces basic office skills and applications. Business Tech 2 develops skills and improves integration of business applications. Business Tech 3 develops integration skills in all areas of Microsoft Office. Business Tech 4 offers the opportunity to develop skills and knowledge in the specialized area of hospitality and tourism and hospitality marketing. Business Tech 5 develops skills and knowledge in Web design and Web page development as well as Digital Desktop Design. Business Tech 6 is the completion of Accounting. Business Tech 7 is a study of marketing and Business Tech 8 may lead to certification as a Microsoft Office Specialist. Grades will be determined based on daily average, work average and test and quiz average.

1 semester (2 blocks a day cumulative to 4 or more semesters) for career and technical education students. Students may elect to do any of these components (8 modules) on an independent study basis with the approval of the instructor.

PREREQUISITES: Pre Tech

GRADE PLACEMENT: Juniors and Seniors (others with permission of instructor)

BUILDING TRADES

This is a two-year, half-day program open to juniors and seniors. This is a hands-on course geared toward giving students entry-level job skills in carpentry and related fields. This course covers all aspects of building renovations with all class time spent on the job-site. Students will take part in a project from demolition to detailed finish work. Students who would like to enroll in this program must fill out an application. Applications are available in the Guidance Office or from the instructor. The following areas will be emphasized:

- Safety
- Principles of New Construction
- Construction Planning
- Building Remodeling and Restoration
- Carpentry Tools and Equipment Use
- Employment Skills

Upon completion of this program, students will be prepared to enter the work force or continue on to post-secondary education at a technical college. Through an agreement with the Vermont Technical College (VTC), students completing this program and meeting the other specified requirements, are guaranteed admission into VTC's Construction Management and Practices Program. Students will earn

recognized certifications in OSHA 10 for construction, first aid/CPR, safe practice for lead paint, chain saw safety, construction flagging and various others.

2 blocks, full year for two years. 8 total credits will be awarded upon successful completion of the full two-year program. Students will also earn one math credit and one careers credit upon successful completion of the program.

PREREQUISITES: None

GRADE PLACEMENT: Juniors and Seniors only, (unless extenuating circumstances occur)

DIVERSIFIED AGRICULTURE

Diversified Agriculture is a two year course that provides both classroom and hands on experience for career exploration in three major industries that are considered part of modern day agriculture: **Natural Resources, Animal Science and Horticulture**. The basic content of each will be covered throughout the year in a realistic workplace and environment to develop entry level workplace skills or to go on to a post-secondary education. Students enrolled in this class should be prepared to work outside in any type of weather and have appropriate foot wear. Students will also take part in activities that encourage communication, decision making skills, and entrepreneurial business concepts. Safety in all aspects of the class will be emphasized. All students will be assessed on successful mastery of competencies in Diversified Agriculture to be a program completer.

2 blocks, full year for two years. 8 total credits will be awarded upon successful completion of the full two-year program. Students will earn one science credit and one career credit upon successful completion of the program.

The following subject matter will alternate from year one to year two with some content repeated due to the nature of the industry studied, such as maple and vegetable production:

YEAR ONE

| Natural Resources | Animal Science | Horticulture |
|--|--|--|
| <ul style="list-style-type: none"> • Tree Identification* • Soil Science/Testing • Timber Inventory • Softwood Harvesting • Sawmill Operation • Maple Production & Marketing | <ul style="list-style-type: none"> • Handling/Restraint • Anatomy • Poultry Processing • Reproductive Management of Livestock • Fundamentals of Feeding and Nutrition | <ul style="list-style-type: none"> • Apple Production • Hydroponics • Wreath Production & Sales • Pruning & Planting • Vegetable Production & Marketing |

*One Running Start Credit

YEAR TWO

| Natural Resources | Animal Science | Horticulture |
|---|---|--|
| <ul style="list-style-type: none"> • Forest Diseases & Insects • Soil Conservation Practices • Wildlife Management • Maple Production and Marketing • Woodlot Management | <ul style="list-style-type: none"> • Husbandry • Training/Behavior • Physiology • Diseases and Prevention • Animal Judging | <ul style="list-style-type: none"> • Christmas Tree Production • Farmers Markets • Integrated Pest Management • Vegetable Production & Marketing |

PREREQUISITES: None

GRADE PLACEMENT: Juniors and Seniors only, (unless extenuating circumstances occur) *students are still required to have 1 credit in Biology and 1 credit in Physical Science, Chemistry OR Physics.*

FIRE & EMERGENCY SERVICES

Students in Emergency Services are provided with the basic instruction required for entry-level work or post-secondary training in the fields of Emergency Medical Services and Fire Science. Students will learn to demonstrate problem-solving and critical thinking skills to analyze, synthesize and evaluate situations independently and in teams. They will apply emergency service response skills to manage an incident scene as a First Responder. Students will make informed, healthy choices that positively affect the health, safety and well-being of themselves and others.

Initial exploration of Emergency Service will include classroom work (lectures, readings, skills - practicals) and visits with local experts in the field. Students may participate in a ride-along with local First Responders and fire departments per the Authority of the Department Chief's permission and school administration.

This program offers three options for students. All options offer dual enrollment college credits through Vermont Technical College (VTC):

Option #1

Students engage in the two year program, starting as a junior, and become a program completer of both Fire Science and EMS programs. This includes achieving the industry recognized credentials of the National Fire Protection Association's Firefighter I, as well as the National Registry of Emergency Medical Technicians, Emergency Medical Technician credential.

Credit: 8 High School; Dual Enrollment: 3 Firefighter 1; 6 EMS

Option #2

Students engage in either the Fire Science or Emergency Medical Technical program as separate technical education programs. This can afford a student to take either program as a junior or senior while also blending and exploring another portion of a CTE program and/or internship experience. This is not a FES program completer track, but may lead to an industry recognized credential in either EMS or Firefighting.

Credit: 4 High School; Dual Enrollment: 6 EMS

Option #3

Students engage in both the EMS and Fire Science programs, but concentrate specifically in one or the other program to achieve an industry recognized credential. This option allows students to engage fully in one discipline while exploring the other by being an active student in the entire program. This is also not a program completer track, but may lead to an industry recognized credential in EMS or Firefighting.

Credit: 4 High School; Dual Enrollment: 3 Firefighter 1

Career Opportunities/Possibilities:

- Urban firefighter
- Wild lands firefighter
- Emergency dispatcher
- Paramedic
- Emergency medical technician
- Urban search and rescue
- Swift water response

- Fire suppression system design and installation
- Arson investigator
- Fire marshal
- Flight paramedic
- Emergency department technician
- Wilderness EMT
- Technical rescue specialist
- Emergency equipment sales and repair

PREREQUISITES: None

GRADE PLACEMENT: Juniors and Seniors only, (unless extenuating circumstances occur)

ENGLISH

COURSE TITLE: American Literature

1 Credit

DESCRIPTION: This required freshman course will explore the richness of American literature as well as the stories that caused them to be written. The class will begin its exploration with Native American and early colonial writings and then branch out into the giants of the 19th and 20th centuries before ending with modern American classics. There are too many works to list here, but among the titles considered for this course are *The Crucible*, *The Scarlet Letter*, various short works and poetry by Poe and others, *The Great Gatsby*, *To Kill a Mockingbird*, *Of Mice and Men*, *The Grapes of Wrath*, *The Old Man and the Sea*, *Our Town*, *Death of a Salesman*, and *The Things They Carried*. Non-fiction reading will come in the form of articles, research, etc. The reading list may change according to the wishes of the class and the availability of texts. A major emphasis will be placed on critical reading and writing. Students will be expected to achieve the standards for 9th grade writing as set forth in the Common Core Standards. Students will be exposed to various types of writing, including informational/explanatory, argumentative, and narrative. There will be daily instruction on English mechanics and vocabulary will be geared toward SAT preparation. Nightly homework will be assigned, along with long-term projects. Consequently, students need to be motivated learners. Students are expected to come to class prepared, to do all assigned work, and to come to class ready to learn and to participate. The honors class differs from the standard in terms of the amount and depth of reading, the amount of vocabulary words per week, and the amount and length of writing assignments. Some literature selections will differ between honors and standard. Standard, honors and modified options available.

PREREQUISITES: Successful completion of English 8

GRADE PLACEMENT: 9

COURSE TITLE: British Literature

1 Credit

DESCRIPTION: This anthology course, required of all sophomores, will examine various forms of British literature from *Beowulf* to the Beatles and beyond. This very substantial body of work will also allow students insight into the events that shaped history and caused these treasures to be written. The course will begin with *Beowulf*, the Anglo-Saxon epic believed to be the first poem ever written in English. From there the class will follow the chronological development of English literature through *The Canterbury Tales*, the various plays of Shakespeare, and 17th century metaphysical poetry. From there the journey continues with *Wuthering Heights* and *Pride and Prejudice*. The course continues on with such works as *A Tale of Two Cities*, *Animal Farm*, *1984*, and – possibly – some novels and plays by Agatha Christie. Non-fiction reading will come in the form of articles, research, etc. The reading list may change according to the wishes of the class and the availability of texts. A major emphasis will be placed on critical reading and writing. Students will be expected to achieve the standards for 10th grade writing as set forth in the Common Core Standards. Students will be exposed to various types of writing,

including informational/explanatory, argumentative, and narrative. There will be daily instruction on English mechanics and vocabulary will be geared toward SAT preparation. Nightly homework will be assigned, along with long-term projects. Consequently, students need to be motivated learners. Students are expected to come to class prepared, , to do all assigned work, and to come to class ready to learn and to participate. The honors class differs from the standard in terms of the amount and depth of reading, the amount of vocabulary words per week, and the amount and length of writing assignments. Some literature selections will differ between honors and standard. Standard honors and modified options available.

PREREQUISITES: Successful completion of American Literature

GRADE PLACEMENT: 10

COURSE TITLE: World Literature

1 Credit

DESCRIPTION: This elective upper class course is designed to expand students' literary horizons beyond their English and American heritage to include the study of masterworks of world literature.

Students will come to a greater appreciation of and reverence for “foreign” cultural traditions, values, and attitudes, while at the same time identifying those elements which bind all humans together.

Students will utilize critical reading and thinking skills, increase their knowledge of vocabulary, develop expository writing skills, produce a research paper, and engage in team learning activities. Students will read a variety of texts, both fiction and nonfiction, from global authors both modern and historical. Reading selections will come from Africa, the Middle East, Latin America, East Asia, and Eastern Europe. The reading list may change according to the wishes of the class and the availability of texts. A major emphasis will be placed on critical reading and writing. Students will be expected to achieve the standards for 11-12th grade writing and reading as set forth in the Common Core Standards.

Nightly homework will be assigned, along with long-term projects. Consequently, students need to be motivated learners. Students are expected to come to class prepared, to do all assigned work, and to come to class ready to learn and to participate. The honors class differs from the standard in terms of the amount and depth of reading and the amount and length of writing assignments. Some literature selections will differ between honors and standard. Standard, honors and modified options available.

PREREQUISITES: Successful completion of American Literature and British Literature

GRADE PLACEMENT: 11-12

COURSE TITLE: Technical English for the Trades

1 Credit

DESCRIPTION: This writing and reading course will focus on language skills for the workplace and is designed for students pursuing a technical course of study. Readings will be primarily nonfiction, with a focus on news related to the workplace, technical manuals, and workplace communications. Some fiction readings will emphasize the themes of work and the building trades/agricultural work. Basic and more advanced communication skills are emphasized and incorporated into projects using a wide variety of computer applications, Internet navigation, audio and video production, and publication. Oral presentations will be required. Technical reading and writing and media literacy will be emphasized along with workplace writing and college applications. All students will work towards achieving competency in writing as described in the Common Core State Standards for 11th and 12 grades. The types of writing emphasized include informational/explanatory, and argumentative. There will be daily instruction on English mechanics and vocabulary. Nightly homework will be assigned, along with long-term projects. Consequently, students need to be motivated learners. Students are expected to come to class prepared, to do all assigned work, and to come to class ready to learn and to participate.

PREREQUISITES: Successful completion of American Literature and British Literature; juniors and seniors only. Geared towards students pursuing Business Administration and Technology (BAT), Building Trades, Diversified Agriculture, and Fire and Emergency Services.

GRADE PLACEMENT: 11-12

COURSE TITLE: College Composition **1 Credit (4 college credits)**

DESCRIPTION: 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.

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

GRADE PLACEMENT: 11-12

COURSE TITLE: Survey of American Literature **1 Credit (4 college credits)**

DESCRIPTION: An overview of how America's best-known thinkers, authors and poets have reflected and influenced culture, this course takes an historical approach to studying literature from colonial to contemporary times.

PREREQUISITES: Successful completion of College Composition

GRADE PLACEMENT: 11-12

FAMILY AND CONSUMER SCIENCES

COURSE TITLE: HEALTH **1 Credit**

DESCRIPTION: This course deals with physical, emotional, social and mental well-being. It looks at you as a healthy, whole person. The main topics discussed are: family health, mental health, nutrition, prevention of disease, personal health habits, consumer health, substance abuse, and birth control information. Expectations of the class include: class participation, personal reflection, fitness days, and public speaking. Students can expect out of class homework each week. This is a required class for graduation.

Text: Teen Health and Health Smart

PREREQUISITES:

None

GRADE PLACEMENT: 9

MATHEMATICS

COURSE TITLE: PRE-ALGEBRA **1 Credit**

DESCRIPTION: This course is designed for students who need a review of the basic skills necessary to be successful in Algebra I. Topics covered include operations with fractions, decimals, radicals, linear equations in one and two variables, applications, graphing, elementary geometry, proportions and ratios, including percent problems, and problem solving skills. Required for those students who do not pass the Algebra I readiness assessment. This course is recommended for those who feel they need to build up their math skills before taking the required Algebra I course.

PREREQUISITE: None

GRADE PLACEMENT: 9

COURSE TITLE: LIFE SKILLS MATH **1 Credit**

DESCRIPTION: Life Skills Math provides learners with math skills related to activities of daily living. Students will participate in a simulation of real-life mathematical issues, including earning

money through a job, writing checks and paying bills with other forms of payment. Topics explored include identifying numbers as they relate to daily living, basic computations, understanding money value concepts, budgeting, measurement, time management, graphic representation, and elapsed time. **PREREQUISITE:** Life Skills Math should not be taken for credit after a student passes Algebra 1 or Consumer Math. It is an introductory course for students that need remediation of basic math skills. **GRADE PLACEMENT:** 9-12

COURSE TITLE: ALGEBRA I Standard **1 Credit**

DESCRIPTION: This first year algebra course is designed to help students develop an understanding of variables, linear and quadratic functions, exponents and exponential functions, radicals, factoring, and polynomials. Special emphasis is placed on graphing and problem solving. Not recommended for college bound students.

PREREQUISITE: Score of 60 or better on the Algebra readiness exam or Pre-Algebra

GRADE PLACEMENT: 9-12

COURSE TITLE: ALGEBRA I Honors **1 Credit**

DESCRIPTION: This is a first year Algebra course designed to help students develop an understanding of variables, exponents, radicals factoring, polynomials, and rational expressions. Special emphasis is placed on graphing and problem solving skills.

PREREQUISITE: Score of 70 or better on the Algebra readiness assessment or Pre-Algebra

GRADE PLACEMENT: 9-12

COURSE TITLE: ALGEBRA II Standard **1 Credit**

DESCRIPTION: This course is a continuation of Algebra. The concepts of Algebra I are reviewed and expanded. Additional topics will include polynomial functions, their properties, and applications; trigonometry functions, logarithms, conic sections, sequences and series, rational equations, probability and statistics. Not recommended for college bound students.

PREREQUISITE: Algebra 1 Standard or Algebra I Honors

GRADE PLACEMENT: 9-12

(Offered every other year, next – 2017-2018)

COURSE TITLE: ALGEBRA II Honors **1 Credit**

DESCRIPTION: This course is a continuation of Algebra I Honors. The concepts of Algebra I are reviewed and expanded. Additional topics include working with basic functions, their properties, and applications, trigonometric functions, analytic geometry, systems of equations, polynomials, relations and functions of the first, second, and third degree, real exponents, logarithms, conic sections, sequences and series, probability and statistics.

PREREQUISITE: Algebra I Honors. A student who takes a full year or two semesters to complete Algebra 1 is not eligible for Algebra II Honors

GRADE PLACEMENT: 9-12

(offered every other year, next 2017-2018)

COURSE TITLE: CONSUMER MATH **1 Credit**

DESCRIPTION: This class is designed to enable the student to apply basic math knowledge to independent living situations. Skills covered in this course include budgeting, personal banking, income taxes and financial decision-making.

PREREQUISITE: None

GRADE PLACEMENT: 9-12

COURSE TITLE: GEOMETRY Standard**1 Credit**

DESCRIPTION: The concepts of two and three-dimensional geometry are integrated throughout the course. A major goal of the course is to help students develop logical methods of thinking. The topics also include coordinate geometry, geometric figures, triangles, surface area, volume, circles and trigonometry.

PREREQUISITE: Algebra 1 recommended

GRADE PLACEMENT: 9-12

(offered every other year, next 2018-2019 OR as needed)

COURSE TITLE: GEOMETRY Honors**1 Credit**

DESCRIPTION: This course places equal emphasis on geometric theory and application. The concepts of two and three-dimensional geometry are integrated throughout the course. A major goal of the course is to help students develop rigorous and logical, systematic methods of thinking. Therefore, proofs, and constructions are emphasized. The topics also include basic figures, proofs, co-ordinate geometry, constructions, and trigonometry.

PREREQUISITE: Algebra 1 Honors

GRADE PLACEMENT: 9-12

(offered every other year, next 2018-2019 OR as needed)

COURSE TITLE: RS PRE-CALCULUS**1 Credit (4 college credits)**

DESCRIPTION: This course develops those topics required to prepare a student for a Calculus course. Topics include geometric concepts, trigonometry vectors, exponents and logarithms, graphing techniques, analytic geometry, complex numbers, limits and continuity, and sigma notation. Applications and pattern recognition will be emphasized.

PREREQUISITE: Algebra 1, Algebra II and Geometry Honors

GRADE PLACEMENT: 11-12

COURSE TITLE: RS CALCULUS**1 Credit (4 college credits)**

DESCRIPTION: This course is equivalent to a five-quarter credit college course. Topics covered include trigonometry, logarithms, analytic geometry, limits and continuity, differentiation of all types of Algebraic functions, inverse functions, concepts of integration, including basic tools for integrating on both the open and closed interval. Strong emphasis will be placed on the application of these skills.

PREREQUISITE: Pre-Calculus or Instructor recommendation

GRADE PLACEMENT: 11—12

COURSE TITLE: RS TAC MATH**1 Credit (4 college credits)**

DESCRIPTION: Topics in Applied Math is a course for students that do not see themselves going into a math/science related college program. This course covers a variety of topics which will provide a foundation for further courses in mathematics as well as other academic areas. Topics covered include set theory, logic, algebra, linear equalities and inequalities, the metric system, probability, and an introduction to trigonometry.

PREREQUISITE: None

GRADE PLACEMENT: 11-12

COURSE TITLE: RS STATISTICS**1 Credit (4 college credits)**

DESCRIPTION: This introductory statistics course will cover topics such as methods of obtaining, analyzing and presenting data, elementary probability, probability distributions, confidence intervals, hypothesis testing, linear regression and correlation. A TI-84 Graphing Calculator is required.

PREREQUISITE: Algebra I and Algebra II. For Running Start, per WMCC, Topics in Applied College Mathematics is strongly recommended, but not necessary for Canaan.

GRADE PLACEMENT: 11-12

(offered every other year, next 2018-2019 OR as needed)

MUSIC

COURSE TITLE: BAND

½ Credit

DESCRIPTION: Band is an instrumental ensemble open to students with experience on flute, oboe, clarinet, saxophone, trumpet, French horn, trombone, baritone, tuba, electric bass and/or percussion. Students study all aspects of music performance - repertoire, theory, and technique, culture - and interpret a wide variety of musical styles. Venues include formal concerts in winter and spring, trips and local events such as the Memorial Day Parade. The band strongly encourages members to participate in music festivals such as NE District and All-State. Subject to teacher approval, weekly one on one 15 minute lessons are required as part of the overall grade. Exceptions may be made for students to join band in between semesters if their attitude and skill level permits. 1 FULL Year (students may not drop after the first semester). At the end of each semester, ¼ credit will be awarded. No partial credit will be given to students who drop the class.

PREREQUISITES: 1 or more years of instrumental experience and/or demonstrated minimum competency with teacher approval.

GRADE PLACEMENT: 7—12

COURSE TITLE: CHORUS

½ Credit

DESCRIPTION: Chorus is a vocal ensemble open to students with or without prior experience. Students study all aspects of music performance - repertoire, theory, solfege, technique and culture - and interpret a wide variety of musical styles, including classical, jazz and pop. Vocal technique and good habits get special attention. Venues include formal concerts in winter and spring, “coffee shop” opportunities, trips and local events. The chorus strongly encourages members to participate in music festivals such as NE District and All-State. Subject to teacher approval, private lessons are available to any student requiring extra help. Exceptions may be made for students to join chorus in between semesters if their attitude and skill level permits. 1 FULL Year (students may not drop after the first semester). At the end of each semester, ¼ credit will be awarded. No partial credit will be given to students who drop the class.

PREREQUISITES: None

GRADE PLACEMENT: 7—12

COURSE TITLE: GENERAL MUSIC

1 Credit

DESCRIPTION: This course is designed for students who are interested in music. During this course you will get a multi-faceted look at music. We will explore music history, music theory, listening, composing, music technology and performance. Additionally, as a member of this class you will get the opportunity to perform vocally and instrumentally in traditional and non-traditional ways with your classmates. Graded work will include tests, individual and group projects and participation.

PREREQUISITES: None

GRADE PLACEMENT: 9—12

PHYSICAL EDUCATION

COURSE TITLE: PE 1

1 Credit

DESCRIPTION: Physical Education is an academic course designed to expose students to various activities and sports (at an intermediate level) that promote an active, healthy lifestyle as well as are aligned with the *Society for Health and Physical Education (SHAPE)* academic standards. Students will explore the history, strategies, skills and rules of various recreational sports such as: Ultimate Frisbee, team handball, archery, orienteering, badminton, Pickleball and volleyball. Other sports and activities may be introduced as time, equipment and class size allow. Also, students will understand and employ ways to improve health related physical fitness. Students will become familiar with the components of health related physical fitness which include: cardio vascular endurance, flexibility, body composition and muscular strength and endurance. The “*Fitnessgram*” battery of tests and various technology products will be used to let students self-assess their health related fitness levels on a monthly basis. Students will be expected to dress in appropriate clothing for physical activities unless otherwise directed by the instructor. Most units will entail some skills recognition assessments, written assessments and group project work. Other assignments may include: Internet research, fitness journaling, and best course of action papers related to the PE subject area. Class participation, social maturity and a positive attitude are paramount for being successful in this class. Outside class work will be 3hrs. per week maximum. Unit study guides and a textbook entitled “*Fitness for Life*” will be furnished by the instructor so students can refer to them for clarification and to study for written assessments.

PREREQUISITE: successfully complete grade 8

GRADE PLACEMENT: 9-12

COURSE TITLE: PE 2

1 Credit

DESCRIPTION: Physical Education 2 is an academic course that builds on mastering the *SHAPE* standards indicated in PE - I as well as the principles, strategies and teachings learned in Physical Education 1. Outside class work for this particular course will be no more than 3 hours per week. Unit study guides and a textbook entitled *Aerobic Fitness Everyone* will be furnished by the instructor so students can refer to them for clarification and to study for written assignments.

PREREQUISITE: successfully complete PE 1, or Principal’s and instructor’s permission

GRADE PLACEMENT: 9-12

COURSE TITLE: PE Independent Study

½ Credit

DESCRIPTION: This course is for any student in grade 9-12 who wishes to pursue physical education credit through an Independent Study. Students who enroll in this course will have the opportunity to earn a .5 of the 1.5 Physical Education credits required for graduation. An independent focus on mastering various *SHAPE* academic standards is the expectation for choosing this option through some of the following suggested options:

- Tae-Kwon-Do
- Join & regularly utilize the Colebrook gym
- Attend Basic Training (if joining the military)
- Dance lessons
- Complete the Senior Project
- Weight lifting
- Join the local swim team
- Participate in one or more Pittsburg-Canaan Athletic Team*
- Take a 2nd PE class with the PE teacher

The above options would be graded on a pass/fail basis; no number grade will be recorded. Activity type and duration of participation in activity will require verification from an approved course mentor. This course requires the student to develop a learning contract and design an independent project, and in some cases identify a member of the community to work with. This contract requires the approval of the PE teacher and the principal. *Students participating in one or more Pittsburg-Canaan Athletic Team will also be required to read and answer discussion questions from the book, Aerobic Fitness Everyone.

PREREQUISITE: Successful completion of PE 1; or 1 transfer credit from another school.

GRADE PLACEMENT: 9-12

Length of Course: Project must equate to eight weeks minimum of engagement in physical activity.

SCIENCE

COURSE TITLE: INTRO TO DIV AG & NATURAL RESOURCES **1 Credit**

DESCRIPTION: Introduction to Diversified Agriculture is a one semester course that gives students an introduction to career opportunities in Agriculture and Natural Resources. Students will learn basic concepts through lecture, assignments, and participating in some of the projects that the Natural Resources/Diversified Agriculture CTE students will be engaged with. These projects include, but are not limited to: meat and vegetable production, animal and plant physiology, maple syrup production, forestry, animal science, and wildlife biology. Students will be expected to learn and comply with all safety rules and procedures. Students will also begin to develop an understanding of the FFA organization and its role in the Agriculture/Natural Resource classroom through the activities it offers on a local, state and national level.

PREREQUISITE: None.

GRADE PLACEMENT: 9—12

COURSE TITLE: BIOLOGY Standard **1 Credit**

DESCRIPTION: Biology is the study of all living things, how they are different, reproduce, grow and live in their surroundings. Weekly laboratory activities will be conducted to reinforce topics studied in the classroom.

PREREQUISITE: None

GRADE PLACEMENT: 9—12

Course Offered: Every other year; next offered 2018-2019

COURSE TITLE: BIOLOGY Honors **1 Credit**

DESCRIPTION: This biology class is for students who are considering attending a two or four-year post-secondary institution. Topics of study include: biochemistry, genetics, evolution, and ecology.—Weekly laboratory experiments will be conducted to reinforce lecture topics.

PREREQUISITE: None

GRADE PLACEMENT: 9—12

Course Offered: Every other year; next offered 2018-2019

COURSE TITLE: RS BIOLOGY**1 Credit (4 college credits)**

DESCRIPTION: This college-level biology course will cover the fundamental concepts of the molecular basis of life, cell theory, cell division, cellular respiration, photosynthesis, DNA and RNA, basic genetics, a survey of life and an introduction to taxonomy, evolution and basic ecology. Weekly laboratory experiments will be conducted to reinforce topics covered during lecture.

PREREQUISITE: Biology Standard or Honors

GRADE PLACEMENT: 9—12

Course Offered: Every other year; next offered 2017-2018

COURSE TITLE: PHYSICAL SCIENCE Standard**1 Credit**

DESCRIPTION: Physical Science is the science of matter and energy. This course will be divided into a half semester of conceptual chemistry and a half semester of conceptual physics. Students will gain an insight into atomic theory; the periodic table; writing and naming chemical compounds; balancing chemical equations; properties of gases and fluids; and Newton's Laws of Motion. Weekly laboratory experiments will be conducted to reinforce lecture topics.

PREREQUISITE: Pre-Algebra

GRADE PLACEMENT: 9—12

Course Offered: Every other year; next offered 2017-2018

COURSE TITLE: PHYSICAL SCIENCE Honors**1 Credit**

DESCRIPTION: Physical Science is a combination of two branches of science – Chemistry and Physics. Chemistry is the study of the properties, composition, structure, and interactions of matter. Physics is the study of the relationship between matter and energy. Students should take Algebra 1 before taking this course. Transposing formulas, solving equations, and using dimensional analysis are major components in the physics portion of honors physical science. The table below contains an outline of the units and topics that will be studied throughout the school year. Please note that these topics of study and important concepts may be adjusted by the teacher at any time in order to accommodate student learning.

PREREQUISITE: Algebra I.

GRADE PLACEMENT: 9—12

Course Offered: Every other year; next offered 2017-2018

| Intro to Science Unit Topics | Chemistry Unit Topics | Physics Unit Topics |
|---|--|--|
| Branches of Science | Measuring Matter (Mass & Volume) | Speed, Velocity, & Acceleration |
| Scientific Inquiry & Process Skills | Density Determination (Related to Buoyancy) | Force of Gravity |
| Scientific Methods | States of Matter (Solids, Liquids, Gases, Plasmas) | Mass vs. Weight |
| Experimental Design | Changes of State of Heat Energy | Force of Friction |
| Data Display & Analysis | Atoms, Elements, and the Periodic Table | Newton's Laws of Motion |
| Construction & Interpretation of Graphs | Chemical Compounds & Formulas | Buoyancy (Related to Density) |
| Math Skills Used in Science | Chemical Reactions & Equations | Kinetic & Potential Energy |
| Scientific Tools & Measurement | Conservation of Mass & Chemical Reactions | Work, Energy, & Power |
| | Mixtures and Solutions | Heat Transfer (Conduction, Convection & Radiation) |

| | | |
|--|-------------------------|--------------------------------|
| | Acids, Bases, and Salts | Electricity (Static & Current) |
| | | Magnetism |

COURSE TITLE: ADVANCED TOPICS IN FORENSICS **1 Credit**

DESCRIPTION: Offender profiling, also known as criminal profiling, is an investigative tool used by law enforcement agencies to identify likely suspects (descriptive offender profiling) and analyze patterns that may predict future offenses and/or victims (predictive offender profiling). In Advanced Topics in Forensics, students will learn the methodology of profiling various types of criminals.

PREREQUISITE: Running Start Forensics

GRADE PLACEMENT: 11—12

COURSE TITLE: RS CHEMISTRY **1 Credit (4 college credits)**

DESCRIPTION: Chemistry is the study of matter. In this course, the student will gain insight to: the atomic structure of matter; the periodic table; how to write and name chemical formulas; the mole, various types of chemical reactions and their reaction rates; stoichiometry, chemical bonding; and acids, bases and pH. Weekly laboratory experiments will reinforce concepts presented during lecture.

PREREQUISITE: Juniors and Seniors only; Physical Science, Algebra I and Algebra II.

GRADE PLACEMENT: 11—12

Course Offered: Every other year; next offered 2017-2018

COURSE TITLE: RS PHYSICS **1 Credit (4 college credits)**

DESCRIPTION: Physics is the branch of science which studies the relationship between matter and energy. Topics that will be discussed in this course include: mechanics, thermodynamics, wave phenomena, sound, light, relativity and how these principles affect our society and the world as a whole. A knowledge and understanding of the principles of physics not only leads to a profound understanding of the physical world, but also supplies the student with an insight to develop new and innovative ideas. Weekly laboratory experiments will be conducted to reinforce lecture topics.

PREREQUISITE: Physical Science, Algebra I and Algebra II.

GRADE PLACEMENT: 11—12

Course Offered: Every other year; next offered 2017-2018

COURSE TITLE: RS ENVIRONMENTAL SCIENCE **1 Credit (4 college credits)**

DESCRIPTION: This is an introductory course in environmental science, involving an interdisciplinary study of how things in nature are interconnected. It will provide an integrated student of environmental problems, connections and solutions.

PREREQUISITE: Physical Science – Honors; Biology – Honors

GRADE PLACEMENT: 11—12

Course Offered: Every other year; anticipated to be offered 2018-2019

COURSE TITLE: INTRODUCTION TO THE HUMAN BODY **1 Credit**

DESCRIPTION: This introductory course in to the human body will provide the student with a basic understanding of the organization of the human body and how the body works. Organs of the body will be studied to understand their structure, location in the body, their function and how they interact with other parts of the body.

PREREQUISITE: Biology

GRADE PLACEMENT: 10—12

Course Offered: Every other year; anticipated to be offered 2018-2019

COURSE TITLE: RS HUMAN ANATOMY & PHYSIOLOGY **1 Credit (4 college credits)**

DESCRIPTION: This course is designed for students interested in health/medical science careers. Topics will include: anatomical terms and positions; cell biology; biochemistry; and an exploration of each body system. Students will dissect a dogfish shark, rat, fetal pig, and a cat in order to gain insight to the comparative anatomy of vertebrates. Weekly laboratory experiments will be conducted in order to reinforce lecture topics.

PREREQUISITE: Honors Biology and Chemistry

GRADE PLACEMENT: 11—12

Course Offered: Every other year; anticipated to be offered 2017-2018

COURSE TITLE: FORENSIC SCIENCE **1 Credit (4 college credits)**

DESCRIPTION: Forensics, when applied to criminal matters, is the application of the sciences to the study of crime. Another term used for forensics is criminalistics. This course is designed to introduce the student to the world of forensic science. It will provide the learner with an insight to the professionals and the techniques they use to solve crime on a daily basis. Weekly laboratory experiments will be conducted to demonstrate topics taught in the classroom.

PREREQUISITE: None

GRADE PLACEMENT: 9—12

Course Offered: Every other year; anticipated to be offered 2017-2018

COURSE TITLE: CURRENT EVENTS IN SCIENCE **1 Credit**

DESCRIPTION: This course will be based around what the hot topics are in science in the news, in politics, and locally. The topics covered in this course will be very flexible, determined by what's happening in the world and student interest. This course will have a heavy emphasis on discussion, debate, and presentations. In-depth topic analysis will be accomplished through student research and discussions. Whenever possible, we will also conduct experiments that correspond to the material we are studying.

PREREQUISITE: none

GRADE PLACEMENT: 9—12

Course Offered: Every other year; next offered 2018-2019

SOCIAL STUDIES

COURSE TITLE: PSYCHOLOGY **1 Credit**

DESCRIPTION: This course is designed to provide a general overview of major psychological themes and their place in history. The course will look at various aspects of psychology including research and theory. Upon completion of this course, students should have an understanding of: statistics and their application in the field of psychology; what psychology is and the goals of psychologists; what memory is and how it is different from thought; basic physiology, as it relates to psychology, and how it affects behavior; basic psychological theories pertaining to personality development; and methods of psychological testing. Grades will be based on quizzes, tests, essays, reports and general course work. **Text:** Psychology (Lefton)

PREREQUISITES: Earned at least 2 social studies credits

GRADE PLACEMENT: 11-12

Course Offered: Every other year; next offered 2017—2018

COURSE TITLE: CIVICS AND GOVERNMENT **1 Credit**

DESCRIPTION: This Civics and Government course for high school students will look at the function, origin, and structure of the United States government. The class will focus on the development of Civics and Government, with an emphasis on the U.S. Constitution, and how life in America today is impacted by this.

Upon completion of this course, students should understand civic life, politics, and government, why government and politics are necessary and the purposes government should serve, as well as the American idea of constitutional government, American political culture, and how the American political system provides for choice and opportunities for participation.

Text: American Government (Kelman)

PREREQUISITIES: Students taking this course should have completed at least 1 social studies credit and ideally have completed US History

GRADE PLACEMENT: 11-12 or teacher permission

COURSE TITLE: US HISTORY

1 Credit

DESCRIPTION: This course is designed to focus on the past events in American history. The class may be chronological in nature, and uses traditional classroom tools such as textbooks and supplemental worksheets. There will be outside readings to complete as well. Students are expected to participate fully in class, through note taking, discussion and the occasional group project. Homework is assigned on a regular basis. Grades will be based on quizzes, tests, essays, reports and general course work. This course is a graduation requirement.

Texts: Don't Know Much about History (Davis), American History: Connecting with the Past (Brinkley), and/or The American Journey (Appleby, et al.)

PREREQUISITIES: Earned at least 1 social studies credit (either World Events or World History)

GRADE PLACEMENT: Achieved sophomore status (ideally 10-11)

If multiple sections are required to be offered based on interest or need it could/should be split into academic/honors sections

COURSE TITLE: WORLD EVENTS

1 Credit

DESCRIPTION: This course will discuss the major trends and events of today's world and look to history and geography to gain a better understanding of those occurrences. Students will read from current news magazines and be expected to write essays on articles used as well as complete general coursework and tests.

PREREQUISITIES: None

GRADE PLACEMENT: for 9th graders and others who need to develop a solid social studies foundation before moving on to take more rigorous classes

COURSE TITLE: WORLD HISTORY

1 Credit

DESCRIPTION: This course will look at world events starting with early man and continuing through the Renaissance. The class will focus on the development of culture and how early cultures evolved into civilizations. This course will concentrate on the origins of early man and his forerunners, early civilizations, kingdoms and empires, the achievements of the classical world, and the transition to the early modern world. Students' grades will be based on reading, quizzes, tests, essays, a research paper, and other projects.

Text: World History: The Human Experience (Farah and Karls)

PREREQUISITIES: None

GRADE PLACEMENT: for 9th graders and others who are comfortable and capable of reading and writing independently

TECHNOLOGY

COURSE TITLE: CONSTRUCTION & DESIGN

1 Credit

DESCRIPTION: Through the use of computer-aided drafting, field trips to construction sites and examination of trade journals and drawings, students will learn the varied construction industry. Students will study architectural styles and the evolution of technology in construction. Students will design, estimate and schedule phases of the Building Trades project. Upon completion of the course, students will be able to read and

interpret blue prints, understand permits, building codes and develop the skills necessary to plan a building project. The following areas will be emphasized:

- Project planning
- Construction estimating
- Heavy equipment / Site selection
- Permits / Zoning / Building codes
- Architectural drafting
- Residential and Commercial construction
- Internet resources
- Mechanical and Electrical systems

PREREQUISITIES: None. However, this course is recommended if you are interested in enrolling in the Building Trades Program.

GRADE PLACEMENT: 9—12

COURSE TITLE: HOME REPAIR & MAINTENANCE

1 Credit

DESCRIPTION: This course is designed to give students the basic skills necessary to make minor repairs around the home. Through a series of projects and exercises, students will learn the use of portable power tools and hand tools as well as plumbing and electrical systems in the home. This course will cover topics from changing a furnace filter to sharpening a lawn mower blade.

The following areas will be emphasized:

- Home safety
- Portable power and hand tools
- Electrical systems
- Plumbing and heating systems
- Landscape Maintenance
- Painting
- Building Materials and fasteners
- Weatherization and energy savings

Upon completion of this course, students will have the knowledge of what is necessary to maintain and repair the various systems in a home.

PREREQUISITIES: None. However, this course is recommended if a student is interested in enrolling in the Building Trades program.

GRADE PLACEMENT: 9—12

COURSE TITLE: WOODWORKING I

1 Credit

DESCRIPTION: This hands-on course is designed to give students the basic skills and knowledge necessary to create a project out of wood. Through a series of projects and lessons, students will learn the use of hand and power tools and finishing methods. The following areas will be emphasized:

- Shop safety
- Machine/Tool safety
- Fraction and ruler skills
- Creativity

PREREQUISITIES: None. However, this course is recommended if you are interested in enrolling in the Building Trades Program.

GRADE PLACEMENT: 9—12

COURSE TITLE: WOODWORKING II**1 Credit**

DESCRIPTION: This hands-on course is a continuation of Woodworking I. In this class student will learn basic drafting skills to help them read prints and sketch a basic design to create a project out of wood. Students will be required to design and construct their own project. The projects will require more difficult construction methods such as doors & drawers. As in Woodworking I, the following areas will be emphasized:

- Shop safety
- Machine/Tool safety
- Fraction and ruler skills
- Basic drafting skills
- Creativity

PREREQUISITES: Woodworking I; must pass Woodworking I with an 85 or better (or approval of teacher)

GRADE PLACEMENT: 9—12

COURSE TITLE: WOODWORKING III**1 Credit**

DESCRIPTION: This hands-on course is a more detail orientated course in woodworking and a continuation of Woodworking II. Students will be expected to create their own drafted print with sizes and construction methods of an item they will then produce. This item will be a more complex item than in previous courses. Also students may be required to build and display one item that will be auctioned off at the end of the course. The following areas will still be emphasized:

- Shop safety
- Machine/Tool safety
- Fraction and ruler skills
- Basic drafting skills
- Creativity

PREREQUISITES: Woodworking II and must pass Woodworking I and II with an 85 or better (or approval of teacher)

GRADE PLACEMENT: 9—12

OTHER

COURSE TITLE: STUDY STRATEGIES**1 Credit**

DESCRIPTION: This class covers a variety of study strategies including: organization, assignment completion, note-taking, reading comprehension, studying for different tests, essay writing, test-taking and self-advocacy. Students are expected to bring all homework to class for application of these strategies. This course is offered each semester.

PREREQUISITES: None

GRADE PLACEMENT: 7-12, but Special Education students only

COURSE TITLE: DRIVER'S EDUCATION**½ Credit**

DESCRIPTION Vermont driver's education is an essential first step to lifelong driving skills. Driving is one of the first major responsibilities in a teenager's life. Driver's education teaches basic traffic laws, rules of the road, basic motor vehicle operation, driver awareness, and drug and alcohol effects on driving. This course is offered each spring.

PREREQUISITES Must be 15 ½ years old by April 1st for NH students. Must be 15 years old by April 1st for VT students. VT law requires students to hold a permit for one year before issuance of a license.



Canaan Schools
99 School Street
Canaan, VT 05903
cclogston@canaanschools.org

Colleen J. Clogston
School Guidance Counselor
(802) 266-8910 X28
(802) 266-7068 fax

Dear Students and Parents:

The U.S. Congress has passed educational legislation (Section 9258 of *No Child Left Behind Act of 2001*) that requires schools to provide names, addresses, and telephone numbers of students, generally juniors and seniors, to Armed Services recruiters in order to provide students with information regarding service and college opportunities.

A provision in the act, however, allows parents and students to request that their names not be released to recruiters. Specifically, the provision states, "A secondary school student or the parent of the student may request that the student's name, address, and telephone listing not be released without prior written parent consent, and the local educational agency or private school shall notify the parents of the option to make the request and shall comply with any request."

Please complete the form below that asks for permission to provide the Armed Services access to your student's name, address, and telephone listing. For those who respond "yes", we will provide information to recruiters. For those who respond "no", we will NOT provide information to recruiters. **Please return the form to the main office or the Guidance Office. You may also mail the form to the school at the address listed above. If you do not respond by the end of the school year we will treat your answer as a "yes" and provide the information to recruiters for the following school year.**

Sincerely,

Colleen J. Clogston, M.Ed

Name of Student: _____

Address: _____

Age: _____ Year of Graduation: _____ Telephone: _____

Yes, I give permission to release information to Armed Services recruiters.

No, I do not give permission to release information to Armed Services recruiters.

Parent Signature: _____ Date: _____