

**Hinsdale High School
Hinsdale, NH**

Program of Studies

Table of Contents:

Graduation Requirements/Promotion Requirements.....	2
College Preparations/Program Outlines.....	3-5
Alternative Pathways.....	6-8
English.....	8-10
Mathematics.....	10-11
Science.....	12-13
Social Studies.....	13-14
Foreign Language.....	14-15
Business Education and Computers	15-16
Fine &Performing Arts.....	16-18
Family and Consumer Science.....	18
Physical Education/Health.....	19
Community Service.....	19
Windham Regional Career Center	19
Virtual High School/VLACS.....	20
New Classes.....	20-21
Math Web.....	22

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NOTICE OF NON-DISCRIMINATION

The School Districts of School Administrative Unit No. 38 (Hinsdale District, Monadnock Regional School District, and the Winchester School District) do not discriminate in their educational programs, activities or employment practices on the basis of race, color, national origin, age, sex, religion, marital status, or handicap under the provisions of Title VI and Title VII of the Civil Rights Act of 1964, the Age Discrimination Act of 1967, Title IX of the Education Amendments of 1972, Section 504 of the Rehabilitation Act of 1973, the Education of All Handicapped Children Act of 1975, the Individuals with Disabilities in the Education Act of 1990. Any persons having inquiries concerning School Administrative Unit No. 38's policies of compliance with the regulations implementing these laws may contact the Director of Special Services, SAU 38, 600 Old Homestead Highway, Swanzey Center, NH 03446, (603) 352-6955, FAX (603) 358-6708.

The School Districts of School Administrative Unit No. 38 will provide drug-free school and workplaces in accordance with the Drug-Free workplace Act of 1988 and its implementing regulations.

Graduation Requirements

Total Credits Needed for High School Graduation – 23½ credits

4	Credits	English
3	Credits	Social Studies (American Studies I and II) and ½ credit of Economics and ½ credit of World History/ Current Events for all graduates.
3	Credits	Science (inc. Biology). Starting with the class of 2011. 3 credits of Science will be required.
3	Credits	Mathematics (including at least one year of Algebra). 3 credits must be taken upon entry to the high school.
1	Credit	Physical Education
½	Credit	Prerequisite Math Skills (Required: Sophomores beginning in September 2010)
½	Credit	Computer Science
½	Credit	Health Education
½	Credit	Arts Education (may include art, band, chorus, aerobic dance, or theater)
½	Credit	Personal Finance-required for seniors (effective September 2010)
Electives (7)		Seven credits in any subject area.

Promotion Requirements

In order to meet the requirements of graduation, the guidance department will attempt to ensure that all students will be enrolled in a minimum of 6 courses per day each semester. The minimum accumulation of course credits that must be successfully completed to be promoted to the next grade:

To Proceed to the Sophomore Year	-	6	Credits
To Proceed to the Junior Year	-	12	Credits
To Proceed to the Senior Year	-	18	Credits
Minimum Graduation Requirements	-	23½	Credits

The class rank is calculated on the following weighted scale:

	Honors	Advanced	General
A+	4.50	4.25	4.00
A	4.50	4.25	4.00
A-	4.25	4.00	3.75
B+	4.00	3.75	3.50
B	3.50	3.25	3.00
B-	3.25	3.00	2.75
C+	3.00	2.75	2.50
C	2.50	2.25	2.00
C-	2.25	2.00	1.75
D+	2.00	1.75	1.50
D	1.50	1.25	1.00
D-	1.25	1.00	0.75
F	0.00	0.00	0.00

Honors weight is given for Advanced Placement (AP) English Literature, (AP) Calculus, (AP) Biology, (AP) World History, and Human Anatomy & Physiology only.

College Preparation

College entrance requirements vary greatly from school to school and change often. It is important that students check the requirements of the post-secondary schools they wish to enter. Guidance counselors should be consulted with for suggestions and specific recommendations regarding student's educational and career goals. Choices are made by students and their families.

Students planning to attend Windham Regional Career Center during grades 11 or 12 should consult with their counselor for planning.

Minimum recommendations for 4-year selective college, liberal arts programs:

4 year of college English (All Advance level classes and A.P. English literature recommended)

3-4 years of college Mathematics (Including Algebra I & II, Geometry, Pre-Calculus)

3-4 years of Science (including min. 1 year of laboratory science, including Biology, Chemistry, and Physics)

3 years of Social Studies (including American Studies I & II)

3 years or more of foreign language (must be in same language)

Minimum recommendation for 4-year competitive college, liberal arts programs:

- 4 years of college English (advance level classes)
- 3 years of college Mathematics (including Algebra I & II Geometry)
- 2-3 years of Science (including min. 1 year of laboratory science, including Biology, Chemistry and/or Physics)
- 3 years of Social Studies (including American Studies I & II)
- 2 or more years of foreign language (must be same language)

Minimum recommendation for 4 year technical and or engineering programs:

- 4 years of college English (advance level classes)
- 4 years of college Mathematics (including Algebra I&II, Geometry, Pre-Calculus)
- 2-3 years of Science (including min. 1 year of laboratory science, including Biology, Chemistry and/or Physics)
- 2-3 years of Social Studies (including American Studies I & II)
- Foreign language requirement varies

Minimum recommendations for 4 year Nursing (R.N.) programs:

- 4 years of college English (advance level)
- 3 years of college Mathematics (including Algebra I & II, Geometry)
- 2-3 years of Science (including min. 1 year of a laboratory science, including Biology and Chemistry) (In addition: Honors Human Anatomy would be helpful)
- 2-3 years of Social Studies (including American Studies I & II)
- 2 years of Foreign language may be required by some schools (must be the same language)

Minimum recommendations for 2 year technical/community colleges:

- 4 years of college English
- 3 years of college Mathematics depending upon vocation area chosen (note: 2 years of Algebra are required in several areas of study)
- 2 years of Science depending upon vocation chosen
- 2-3 years of Social Studies (including American Studies I&II)

RECOMMENDED COURSE OUTLINE

College Preparatory Program

Freshman

Advanced English 9
Algebra I/Geometry
French II or Spanish II
Advance Earth Science
Advanced American Studies I
Physical Education/Health
Computers/Economics

Sophomore

Advanced English 10
Geometry/Algebra II
French III or Spanish III
Advanced Biology
Advanced American Studies II
Physical Education/ Prerequisite Math Skills
Computers/Art

Junior

English 11
Chemistry
Algebra II/Advance Math
French IV or Spanish IV
Elective
W. Hist or Current Events/ Elective

Senior

English Elective/A.P. English (Ea. Sem.)
Advanced Math/Calculus
Physics and/or Human Anatomy
Personal Finance
Elective
Elective

General Education Program

Freshman

General English 9
Integrated I Math
General Earth Science
General American Studies I
Physical Education/Health
Computers/Economics

Sophomore

General English 10
Integrated II Math
General Biology
General American Studies II
Physical Education/Prerequisite Math Skills
Elective/Art

Junior

English 11
Integrated III Math
Science
World History or Current Events/ Elective/
Elective
Elective

Senior

English Elective
Personal Finance
Elective
Elective
Elective
Elective

Electives should be chosen based on graduation requirements, college admission requirements or post-secondary plans and recommendations of the guidance department. Windham Regional Career Center offers courses to supplement the educational program for interested juniors and seniors.

Alternate Pathways to Demonstrate Course Competencies

Hinsdale High School has developed five alternate pathways for students to demonstrate course competencies. Some of these pathways provide an opportunity to earn course credit. A description of each of these pathways is followed by a sample timeline showing how that pathway would work. Pathway A is available for all courses designated with the Competency Based Assessment (CBAS) option.

Pathway A: CBAS or Accelerated Academic

This pathway provides greater flexibility for students who feel they know the subject and want credit. Credit is awarded upon successful completion of both a test and a project component. To qualify, a student must pass the spring “gatekeeper” test with a minimum of 70%. They will be eligible to pursue a summer or semester project, as described by the individual course CBAS option. The project may be pursued with faculty guidance or as an unguided, independent project. A faculty board will review the completed project following its submission to the principal in order to recommend credit be awarded by the principal.

Sample timeline for students:

- ❖ Student commits to Pathway A prior to the first, second semester or summer school.
- ❖ Student makes an appointment with department teachers to get CBAS overview for specific course.
- ❖ Student completes “gatekeeper” test when arrangements can be completed.
- ❖ Student scores a 70% or better, and is notified by the guidance counselor.
- ❖ Student will, following that notification, determine if they will pursue a Guided or an Unguided Project.
- ❖ Student in Guided Project will be assigned to a cooperating staff member in the appropriate department. There will be a requirement that the student working in a guided project will check in with the cooperating teacher every other week for the duration of the project to ensure that the student is making effective progress. Student in Unguided Project works independently.
- ❖ A Teacher Review Panel assesses the project, and recommends credit achievement to the principal when their review has been completed. The principal shall be the final arbiter of credit award and will notify the guidance department.

Example:

A student who has transferred from another district and has successfully completed an integrated math course, wants credit for Advanced Math. Demonstrating competency on the Advanced Math CBAS would enable this student to earn that credit.

Pathway B: Credit Recovery

This pathway enables students to attend summer school to recover credit for a failed course taken in the previous school year. To be eligible for this pathway, a student must have achieved at least a 55 % in the course. Upon demonstrating mastery of deficient competencies, and upon completion of a summative assessment with a minimum score of 70% at the end of summer school, students will receive credit for the course.

Sample timeline for students:

- ❖ Student meets with guidance in June to identify courses in which competencies were not met, and students achieved a minimum grade of 55%.
- ❖ Student enrolls for summer school.
- ❖ Student completes a competency project over summer school, to address standard deficiencies.
- ❖ Student completes a summative assessment at the end of summer school.
- ❖ The faculty reviews the summative assessment. If a score at least 70% is achieved, they recommend credit be awarded by the principal.

Example:

A student has unsuccessfully completed the year in English 10, with an average of 55%. The student must have the credit, and does not want to repeat the course next year.

Pathway C: Articulated Expertise

This pathway applies to courses with prerequisites or sequential levels of ability, and enables students to demonstrate mastery of those prerequisites without taking a course to do so. A student who chooses this pathway will take a placement test based on the competencies of the prerequisite course. A student must achieve a minimum score of 70 % in order to participate in the targeted course or the next level of the course in the sequence. **Credit will not be awarded** for the test.

Sample timeline for students:

- ❖ Student meets with guidance in the spring to schedule course enrollment, and may identify courses in which they can demonstrate competency in a placement test.
- ❖ Student registers for the placement test prior to the middle of May.
- ❖ Student takes the placement test when it is arranged depending upon the number of candidates but prior to the first Saturday in June.
- ❖ Student scores a 70% or better, and is notified via their guidance counselor.
- ❖ Student registers for the targeted course prior to the end of the school year, skipping the prerequisite. **No credit will be awarded** for the prerequisite course.

Example:

A student with prior experience with the French language, can access a more rigorous level of the course, by demonstrating successful competency on the French I exam.

Pathway D: Dual Enrollment (DE) and/or Extended Learning Opportunities (ELOs)

Dual Enrollment (DE)

This pathway enables students to earn course credit for learning opportunities extending beyond those offered on the school campus. Students may earn credit through dual enrollment in college or through internships/apprenticeships with recognized programs. A student must be enrolled for a minimum of five classes each semester, with at least one credit based on course work here.

Sample timeline for students:

- ❖ Student meets with guidance in the spring to schedule courses. For dual enrollment, a student must first register with a college and present verification of that registration to the guidance department. If a student chooses DE, they must develop a DE plan in conjunction with the administration and the guidance department.
- ❖ In order to qualify for dual enrollment, a student must be entering either the junior or the senior year, be maintaining a 3.0 GPA and must write a letter to the principal requesting approval to enter the dual enrollment program.
- ❖ Student must still take a total of 5 classes (1 college course and 4 classes at HHS or 2 college courses and 3 classes at HHS). Depending upon the credit configuration of the college course(s), the minimum number of academic courses may be waived by principal.

Example:

A senior could attend four morning classes at Hinsdale, and then attend an afternoon class at Keene State College, enabling him/her to earn both high school and college credit.

Extended Learning Opportunities (ELOs)

- ❖ Student develops and commits to the Extended Learning Opportunity plan prior to the start of the semester or, at the latest, the mid-point of the first quarter in the semester.
- ❖ Student works in partnership with guidance, administration and/or the district in-service coordinator and a certified teacher in the subject area appropriate to the ELO to meet benchmark criteria in ELO plan.
- ❖ The student will need to have an appropriate adult contact person at the site of their ELO who will assume responsibility for reporting attendance and assessing achievement utilizing a rubric developed and submitted to the administration. Samples will be made available to the cooperating supervisor by the guidance department.
- ❖ The student must submit an application containing all the pertinent information to the principal for approval prior to beginning the ELO.
- ❖ The student will maintain an accurate daily log of hours and activities and submit that log along with a paper citing the lessons learned during their experience to the principal.

- ❖ A minimum of seventy five (75) hours is required to be awarded a half credit and one hundred and fifty log hours are required to be awarded a full credit. The accompanying paper should reflect the increased credit awarded to the student.
- ❖ Upon successful completion of the ELO, the student will submit the log and the paper to the principal. The cooperating supervisor will submit final grades to the guidance office and, following assessment of the project, credit will be awarded by the principal.
- ❖ Students may also use an ELO for a Physical Education credit. Students interested in pursuing this option should follow the procedure outlined above for ELO opportunities. For example, a student playing soccer may apply for permission to use that athletic participation to meet their PE requirement; the coach would serve as the cooperating supervisor. A student may also seek to use a regular dance class, karate class or gymnastics class to meet their PE requirement. Simply having a membership in a gym does not meet the necessary criteria; there must be an articulated program with regular meeting times and duration and an appropriately credentialed adult willing to function as the cooperating supervisor.

Pathway E: Independent Learning Pathway

This pathway enables students to earn credit through successful participation in courses offered outside of the traditional high school setting. Students may choose from a variety of course specific options, including Virtual High School (VHS) and courses offered at other alternative accredited sites including Virtual Learning Academy Charter School (VLACS).

Sample timeline for students:

- ❖ Student meets with guidance in the semester prior to when the courses are offered to schedule course enrollment.
- ❖ Student completes the independent course work during the semester or school year.
- ❖ Upon successful completion of the coursework, as evaluated by the course provider, the principal will award credit.

Example:

A student selects a VHS course that is not offered here, such as Latin, and completes the course requirements for either a semester or yearlong course.

ENGLISH

English 9 – Advanced (111) (CBAS Option)

Year– 1 Credit

This is a comprehensive survey approach to the study of literature. Students will read novels, short stories, drama, and poetry— from Native American examples to contemporary young adult literature. Students will also read a play by William Shakespeare. Vocabulary is integrated with the literature program. Grammar study emphasizes mechanics and sentence variety. Students will use the Collins writing method to increase fluency and mastery of expository writing. This class is designed for the student who is planning on attending a four-year college; there is more depth of understanding and rigor required in this course.

English 9 - General (110) (CBAS Option)

Year– 1 Credit

This is a survey approach to the study of literature. Students will read novels, short stories, drama, and poetry from Native American examples to contemporary young adult literature. Students will also read a play by William Shakespeare. Vocabulary is integrated with the literature program. Grammar study emphasizes mechanics and sentence variety. Students will use the Collins writing method to increase fluency and development of expository writing skills. This level is designed to meet the needs of students with varying abilities.

English 10 - Advanced (121) (CBAS Option)

Year– 1 Credit

This is a comprehensive survey approach to the study of modern and contemporary literature. Students will read novels, short stories, drama, and poetry. Students will also read a play by William Shakespeare. Vocabulary is integrated with the literature program. Grammar study emphasizes mechanics and syntax. This class is designed for the student who is planning on attending a four-year college; there is more depth of understanding and rigor required in this course. Strong emphasis is given to analytical skills that are demonstrated through extensive reading and Collins based writing assignments. Students will read A.P.-level novels, such as The Great Gatsby.

English 10 - General (120) (CBAS Option)**Year– 1 Credit**

This is a survey approach to the study of modern and contemporary literature. Students will read novels, short stories, drama, and poetry. Students will also read a play by William Shakespeare. Vocabulary is integrated with the literature program. Grammar study emphasizes mechanics and syntax. Students will use the Collins writing method to increase fluency and mastery of expository writing. This level is designed to meet the needs of students with varying abilities who plan to attend college or who plan to go directly to work after graduation. Students will read novels, such as Of Mice and Men.

British Literature (160) (CBAS Option)**Year– 1 Credit**

This year-long course is recommended for advanced-level grade eleven students. It covers the period of time from 449 (the Anglo-Saxon Period) to the present day. The following major readings will be presented: Beowulf, The Canterbury Tales, Macbeth, Diary of Samuel Pepys, Gulliver's Travels, and Oroonoko. Students will also study the poetry of Shakespeare, Spenser, Marlowe, Raleigh, Queen Elizabeth I, Burns, Blake, Wordsworth, Coleridge, Scott, Byron, Shelley, and Keats. Several plays will be read, including The Mikado, Pygmalion, and Androcles and the Lion. The course includes a writing component.

Pre-requisite: "B" average in English 10 and permission of current instructor and British Literature instructor.

English 11 (159) (CBAS Option)**Year– 1 Credit**

This course is designed to meet the needs of students with varying abilities. The goal is to continuously improve the reading and writing skills of students who plan to attend college or who plan to go directly to work after graduation. The first quarter will concentrate on assessing and then developing the writing skills of students, including vocabulary enhancement and study of the elements of style. Thereafter, students will read and write about literature, both non-fiction and fiction. Readings will include the short story, non-fiction essays, and poetry. Students will also read novels and plays by both classical and contemporary authors.

Mythology (150) (CBAS Option)**Sem. – ½ Credit**

This Course is designed to be a one semester survey of world mythology. While an emphasis will be placed on the study of Greece and Rome including The Iliad and The Odyssey, other areas of the world will be studied, including Norse and British mythology, with an emphasis on the Arthurian legends.

Conflict Resolution and Non-Violent Communication (140) (CBAS Option)**Sem. – ½ Credit**

Conflict Resolution and Non-Violent Communication is a one semester interdisciplinary course exploring Peace and Peacemaking in four interrelated ways – the personal, interpersonal, communal, and global. Through exploration, evaluation, reflection and discussion we will better understand our own roles and responsibilities as peacemakers and mediators. Topics covered will include: service for the sake of peace, forgiveness, understanding, contemplation, philosophies of non-violence, and peacemakers past and present among the Nobel Peace Prize Laureates. Reading includes works by Thich Nhat Hanh, Martin Luther King, the 14th Dalai Lama, Mohandas Gandhi, Simon Wiesenthal, Marshal Rosenberg and others. Assessments will be project-based for the most part and formative in nature. Among the assessments will be multimedia projects, essays, research, journaling, and open and spirited discussions and exercises.

Creative Writing (145) (CBAS Option)**Sem. – ½ Credit**

This course is an introduction to creative writing through the production of poetry, personal narrative, and fiction. The student will keep a journal critiquing other's work, will complete various exercises designed to stimulate the imagination, and will hone writing skills. Students should be prepared to participate in the online writing group that is part of the class.

Advanced Placement/Honors English (180) (CBAS Option)**Year– 1 Credit**

Advanced Placement English is an honors course designed for only the most motivated students who have demonstrated over the course of their academic career to possess superior reading, writing, and analytical skills. Generally, students who select this course plan to attend highly competitive colleges. A wide variety of literature that is considered to be, "Of great literary merit, is read and analyzed." Admission requirement is a B average in English or permission of instructor. There is also extensive summer reading assignment required. Students who choose to take the AP Exam will have AP English appear on their transcript. Students who choose to take the class, but not the AP exam, will have Honors English appear on their transcript.

Pre-requisite: "B" average in English grades 9-11 and permission of current instructor and AP instructor

The Rhetoric of Science Fiction (181) (CBAS Option)**Sem.- ½ Credit**

The Rhetoric of Science Fiction is a single semester middle or upper-level English elective exploring the history, development, goals, and themes of the specific literary genre known as Science Fiction. Students will read, discuss, and respond to assigned readings. A variety of assessments will be employed, including but not limited to: daily journal entries, oral presentations with associated visual/auditory aids, film reviews, and short papers. Active, thoughtful participation is required. This is a reading intensive course, with students expected to read well over 2000 pages during the semester. Texts will include an anthology of shorter works, as well as novels from both classical and contemporary authors.

Mathematics

A flow chart will assist students and parents with planning the path that the student will take toward graduation. The flow chart can be found on the last page of the program of studies.

NECAP Math (231)**Year – 1 Credit**

NECAP math is a two -semester course for students who have failed to demonstrate proficiency in the NECAP math test. This course will focus upon the techniques necessary for college level math courses and life skills. Attention is focused on basic arithmetical skills involving fractions, decimals, and directed numbers, algebraic skills involving equations, graphs and evaluation of expressions, a basic introduction to geometrical logic, and application of skills to simple geometric figures. A large component of the course will focus on practical problem solving and interpretation strategies. This course satisfies one credit towards Hinsdale High School's graduation requirement but will not count towards the three math credit requirement required for graduation.

Foundations Math (210) (CBAS Option)**Year– 1 Credit**

This course reviews computational skills through practical applications. Topics covered include using tables and graphs, equations and formulas, ratios, proportions, fractions, percents, measurement through scale drawings, area, volume and consumer skills. The second half of the course focuses on building algebraic skills.

Algebra (215) (CBAS Option)**Year– 1 Credit**

This course includes the graphical, numerical, and conceptual understanding of functions. The student will also complete basic operations with polynomials, basic equation manipulation and solving, graphing and solving inequalities, examining sequences and series, and relations and fractions. Students will also solve systems of equations with two variables, and explore transformations of graphs. The course also covers properties of exponents, exponential functions, scientific notation, and multiplying and dividing monomials. Graphing calculators (usually the TI-83) are used to problem solve and explore concepts.

Integrated I (211) (CBAS Option)**Year- 1 Credit**

Integrated I is the first of a 3-year series of integrated math. Integrated I combines algebra, geometry, statistics and probability, logical reasoning, and discrete math. Topics are introduced in a fashion that highlights their interrelationships and connections. Algebraic topics such as linear equations and inequalities, factoring expressions, and multiplying binomials are covered. For geometry, topics include angles, polygons, circles, perimeter, circumference, area, surface, volume and trigonometric ratios. With statistics and probability, students analyze and display data. The concepts of and differences between experimental, theoretical, and geometric probability are explored. Logical reasoning includes conjectures, counterexamples, and if-then statements. Finally, discrete math includes the study of discrete quantities and the use of matrices to display data. This course satisfies one credit of Hinsdale High School's requirement in mathematics and 0.5 credit for the NH State algebra requirement.

Prerequisite: Successful completion of 8th grade math.

Integrated II (221) (CBAS Option)**Year-1 Credit**

Integrated II is the second year of a 3-year series of integrated math. Among the topics discussed are variation and modeling; coordinate geometry; transformations of geometric figures; introduction to trigonometry; functions; lines; quadratics and their parabolic graphs; exponential expressions and their graphs; transformations of functions; systems; matrices; probability; and binomial distribution. This course satisfies one credit of Hinsdale High School's requirement in mathematics and 0.5 credit for the NH State algebra requirement.

Prerequisite: Successful completion of Integrated I.

Geometry (220) (CBAS Option)**Year– 1 Credit**

This is a comprehensive course featuring coverage of geometric terms and processes, logic and problem solving. Topics include: Basic elements (points, lines, planes); proofs (deductive reasoning); angles and perpendicular lines; parallel lines and planes; triangles (congruent, right, special and applications); polygons, circles; area and volume; coordinate geometry, constructions. Students will use TI-83 graphing calculators and The Geometer's Sketchpad Software© to explore key concepts and do proofs.

Prerequisites: must have a C or better in Algebra I.

Prerequisite Math Skills Builder (260)**Sem. - 1/2 Credit**

This course, given 2nd semester of the sophomore year, focuses on problem solving, connecting concepts in algebra and geometry to skills learned in arithmetic, and refinement of students' ability to apply those skills. It will also emphasize the graphical, numerical, algebraic, and symbolic connections between mathematical concepts. Emphasis will be on learning to interpret, strategize, and solve problems. ***This course satisfies ½ credit towards Hinsdale High School's graduation requirement but does not count towards the 3-credit math requirement.***

Prerequisite: Sophomore standing.

Algebra II (230) (CBAS Option)**Year– 1 Credit**

This course extends the concepts covered in Algebra I to include such topics as functions, quadratic equations, matrices, absolute value, inequalities, simplifying, rational expressions, linear programming, exponential/logarithmic functions, and an introduction to trigonometric functions. The student will be required to use a TI-83 graphing calculator.

Prerequisites: Grade of C or better in Geometry and Algebra I.

General Algebra II (226) (CBAS Option)**Year– 1 Credit**

This course follows the Algebra II curriculum with a continued emphasis on basic skills. The focus is on number operations, functions, quadratic equations, absolute value, inequalities, simplifying rational expressions, solving linear equations, word problem strategies, exponential and logarithmic functions, trigonometric functions, data analysis, and probability. Graphing calculators are used to explore concepts.

Prerequisites: Grade of C or better in Geometry and Algebra I.

Advanced Math (225) (CBAS Option)**Year– 1 Credit**

This Pre-Calculus course is open to those seniors and juniors who have completed the Algebra and Geometry series. The course begins with a review of linear and quadratic functions and progresses into further study of compositions of functions, rational equations, polynomials, and exponential logarithmic functions. Trigonometry is an important focus including identities. The course concludes with an introduction to calculus concepts including limits. The student will be required to use a TI-83 Plus or TI-84Plus graphing calculator.

Prerequisite: Grade of B or better in Algebra II

AP/Honors Calculus AB (250) (CBAS Option)**Year– 1 Credit**

This Calculus course is a rigorous treatment of the topics of calculus presented on a college level. Topics to be covered include: Algebraic, trigonometric, exponential, and logarithmic functions with emphasis on the properties and limits of these functions, differential calculus and its applications. Techniques of integration and applications of the definite integral will also be covered. Students are expected to participate in summer study of Chapter One in the Calculus text. Students who choose to take the AP Exam will have AP Calculus appear on their transcript. Students who choose to take the class, but not the AP exam, will have Honors Calculus appear on their transcript. *Students are strongly encouraged to purchase a Texas Instruments 83-Plus or 84-Plus graphing calculator for this course.*

Prerequisite: Grade of B or better in Advanced Math, or by permission of the instructor.

Sciences

Earth Science 9 – Advance (321) (CBAS Option)

Year – 1 Credit

This course is designed for college-bound freshmen. The course will include units on astronomy, geology, planets, mapping, plate tectonics, weather, erosion, oceanography, paleontology and meteorology. Students will be assessed through a variety of teacher designed measurements, lab projects and research reports.

Earth Science – 9 (320) (CBAS Option)

Year – 1 Credit

This course is designed primarily to study the earth and its place in the universe. The earth, its position in the solar system and universe, is explored as well as conditions on the earth, its weather, its land forms, its atmosphere, and its oceans. There is also an emphasis on past geologic history, as well as the plants and animals which inhabited the earth millions of years ago.

Advanced Biology (326) Biology (325) (CBAS Option)

Year – 1 Credit

This course is designed to give students a basic knowledge of biology and consists of a comprehensive review of the features of living things. Topics include Cellular Biology, Genetics, Evolution, Diversity, and Human Biology. Lab activities are an integral part of the program. Advanced Biology is accelerated.

General Chemistry (341) (CBAS Option)

Sem. - ½ Credit

This semester course in chemistry is designed to provide students with an understanding of basic chemical principles and how they apply to change in the world around us. Atomic structure, systems and modeling, science as inquiry, applications in technology, as well as historical perspectives will be covered through a variety of lab based experiences and projects. .

Pre-requisite: Algebra I or Integrated I and Earth Science and Biology (completed or concurrent) or permission of instructor

General Physics (351) (CBAS Option)

Sem. - ½ Credit

This semester course in physics is designed to provide students with an understanding of basis physics principles and their applications. Motion, energy forms, and electricity will be approached through both lab based experiences and projects.

Pre-requisite: Algebra I or Integrated I and Earth Science and Biology (completed or concurrent) or permission of instructor

Advanced Chemistry (340) (CBAS Option)

Year – 1 Credit

This course is designed for the college-bound student. Concepts covered include measurement, atomic structure, periodic law, chemical bonds, chemical reactions, solutions, material properties, periodic laws, stoichiometry and equilibrium. A strong emphasis is placed on problem solving and laboratory experiences.

Pre-requisite: Algebra I, Earth Science and Biology (completed or concurrent)

Advanced Physics (350) (CBAS Option)

Year – 1 Credit

This course is designed for the college-bound student. Units covering measurement, motion, gravitation, vectors, work, power, simple machines, temperature, wave motion, sound, light and electricity are included. A strong emphasis is placed on problem solving and laboratory experiences.

Pre-requisite: Algebra II, Earth Science and Biology (completed or concurrent)

Human Anatomy and Physiology (Honors) (360) (CBAS Option)

Year – 1 Credit

This course is designed for students planning to major in the field of Biology. It is especially appropriate for those planning to major in physical education, physical therapy, nursing, medicine and any of the health occupations. This course covers fundamental concepts in human anatomy and physiology. Topics include the various organ systems, histology, and cellular metabolism. Highly technical vocabulary and laboratory procedures are stressed.

Labs are included and several activities, such as a visitation to Brattleboro Memorial Hospital to attend a career day, are included. Follow-up shadowing of a professional is available.

Pre-requisite: B or better average in Advanced Biology or by permission of instructor

Advanced Placement (AP)/Honors Biology (370) (CBAS Option)**Year– 1 Credit**

AP Biology offers students the ability to participate in an internationally recognized program whose students are widely known and highly regarded. Students can measure themselves against a challenging national collegiate standard and possibly receive college credit or advanced standing for their work. Students who choose to take the AP Exam will have AP Biology appear on their transcript. Students who choose to take the class, but not the AP exam, will have Honors Biology appear on their transcript. *Previously taking Chemistry and Human Anatomy is highly recommended*

Pre-requisite: B or better average in Advanced Biology and Permission of current and AP instructor.

**This course may be scheduled as a double block in order to facilitate appropriate laboratory availability. Credit would be doubled, but this may limit a student's ability to take other electives.*

Environmental Science (362) (CBAS Option)**Year- 1 Credit**

The Environmental Science course will combine the student's knowledge from Earth Science and Biology and add elements of Chemistry. Through this course the students will be able to see how the physical and biological systems of earth interact. Also the students will interpret human impact of the earth. With this information the students will use scientific reasoning to determine effective strategies of habitat restoration and ecosystem remediation. This is a full year class that goes more in-depth and involves more labs and field work.

Environmental Science (364) (CBAS Option)**Sem. -½ Credit**

The Environmental Science course will combine the student's knowledge from Earth Science and Biology and add elements of Chemistry. Through this course the students will be able to see how the physical and biological systems of earth interact. Also the students will interpret human impact of the earth. With this information the students will use scientific reasoning to determine effective strategies of habitat restoration and ecosystem remediation.

Pre-requisite: B or better average in Advanced Biology or by permission of instructor.

Physical Geology (363) (CBAS Option)**Sem. -½ Credit**

The Physical Geology course will build upon the student's prior knowledge of Earth Science. Through this course the students will go beyond the basics of plate tectonics and they will focus on the dynamic forces that create and shape the earth's surface and interior. Some of the areas of focus will include Mineralogy, Petrology, Mountain formation, Geologic Time and Glaciation. Elements of Chemistry and Geography will also be utilized in this course.

Pre-requisite: Permission of instructor.

Social Studies**American History I (410) and American History 1 Advance (411) (CBAS Option)****Year – 1 Credit**

This course is the first half of two-year examination of the entire spectrum of "national and state" History covering Pre-Columbian America through 1900. It is a thorough and in-depth study, based on the New Hampshire frameworks for History and Civics.

American History II (420) and American History II Advance (421) (CBAS Option)**Year– 1 Credit**

This course is the second half of a two year study of "national and state" History from 1900 through the present. This course is based on the New Hampshire frameworks for History and Civics. The frameworks will be closely related to current events through papers and projects.

World History (470) (CBAS Option)**Sem. – ½ Credit**

This one semester course covers world history from the Renaissance through the Twentieth Century. World current events are also studied. Social Studies skills such as document analysis and research are emphasized. This course meets the new graduation requirements for the class of 2009. Prerequisite: C or better in American Studies II or permission of instructor

Advanced Placement (AP)/Honors World History (475) (CBAS Option)

Year– 1 Credit

Advanced Placement World History is an honors course designed for only the most motivated students who have demonstrated over the course of their academic career to possess superior social studies skills. Generally, students who select this course plan to attend highly competitive colleges. The course moves rapidly through pre-history to modern times with an emphasis on primary sources. Students will be expected to do a great deal of reading outside class and over the summer. Students who choose to take the AP Exam will have AP World History appear on their transcript. Students who choose to take the class, but not the AP exam, will have Honors World History appear on their transcript.

Admission requirement is a B average in Social Studies and permission of current and AP instructor.

Current Events (Elective) (445) (CBAS Option)

Sem. – ½ Credit

This one semester class studies current events and how it impacts our society and the world today. Media and internet literacy skills, as well as the historical background to current events are studied.

Sociology (Elective) (500) (CBAS Option)

Sem.-½Credit

Sociology is the study of human society, with a focus on America. It involves learning about relationships with in groups and social institutions, and the way societies are organized. Social problems are discussed in depth. Topics will include gender, age, class and race in America. The requirements for this course include participation in class discussions, designing and conducting a research project, and a final exam.

World Religions (Elective) (477) (CBAS Option)

Sem. - ½ Credit

This one semester elective is designed to acquaint the student with the origins, central ideas, institutions, and world-wide influence of the major religious and philosophical traditions. Topics include Native American religions, Hinduism, Judaism, Islam and Christianity. The requirements for this course include participation in class discussions, a research paper, and a final exam

Foreign Languages

French I (624) (CBAS Option)

Year- 1 Credit

French is a global language that millions of speakers use daily on six of the world's continents. Middle School French I is the first class in a sequence that develops communications skills in a careful progression taking into account the differences in middle school learning styles. In addition to working on the four traditional skills of language acquisition—speaking, comprehension, reading, and writing—students will also be introduced to the cultural contexts of the French speaking world. Students who successfully complete Middle School French I will obtain one high school credit of French and will move into French II in the ninth grade.

Spanish I (600) (CBAS Option)

Year – 1 Credit

In this course, students are introduced to Spanish language and culture. They become familiar with spoken and written language on a variety of topics. They learn to greet and respond to greetings, express likes and dislikes, obtain information and begin to provide information.

French II (621) (CBAS Option)

Year – 1 Credit

In this course, the focus is on developing the skills that were introduced in French I. Increased competency is a major objective. Review material is presented in new situational contexts and new material is presented in the form of a drama or narrative with continual emphasis on vocabulary, pronunciation and comprehension. At the same time, the students become better acquainted with the Francophone world through individual projects.

Prerequisite: an average of C- or better in French I, or permission of instructor.

Spanish II (601) (CBAS Option)

Year – 1 Credit

This course builds on those skills that were introduced in Spanish I. Students expand their ability to understand and speak in sentences. They are able to express their needs and ideas with some detail. Additional topics include cultural figures, historical events, customs, and short readings. Costa Rica, Argentina, Puerto Rico, Mexico, Spain, Dominican Republic, Ecuador and the U.S. are highlighted for cultural and geographic study.

Prerequisite: an average of C- or better in Spanish I, or permission of instructor

French III (622) (CBAS Option)**Year– 1 Credit**

This course is designed to strengthen students' active command of the spoken and written language and to teach the variety of material and genres. Individual projects give the students the opportunity to explore French history, the provinces and art. Emphasis is placed on using the language as a means of self-expression.

Prerequisite: an average of C- in French II or permission of instructor

Spanish III (602) (CBAS Option)**Year– 1 Credit**

Students will cover all parts of grammar of the Spanish language. We will concentrate on real world conversational knowledge by using film and song in Spanish. Seventy-five percent of class time will be conducted in Spanish. There will be an emphasis on academic writing and non-fiction reading. Central America will be highlighted. Our emphasis will be on discussion, poetry and advanced grammar instruction.

Prerequisite: an average of C in Spanish II or permission of instructor.

French IV (623) (CBAS Option)**Year– 1 Credit**

This is a course for students who have successfully demonstrated their ability and interest in French and who desire to further expand their knowledge about France, Francophone culture and civilization. Greater emphasis on multimedia technology includes video materials from French television, songs, slides, advertising, films and recordings. Carefully chosen works from literature and theatre, which lend themselves to lively discussion in the foreign language, are introduced. For students who want additional preparation for College Board Achievement Tests, options are provided for improving testing skills. Students make rapid progress in using and understanding the language.

Prerequisite: An average of C in French III or permission of instructor

Spanish IV (603) (CBAS Option)**Year– 1 Credit**

Students will examine in depth the advanced grammar of the Spanish Language. The class will be focused on conversation and listening, through class discussion, music and film. There will also be an emphasis on creative writing as well as academic writing. We will explore the history of all Hispanic cultures from their beginning to modern times and how it influences the language and culture through the reading of classic Hispanic literature. Eighty-five percent of class time will be conducted in Spanish.

Prerequisite: An average of C in Spanish III or permission of the instructor

Business Education & Computers**Computers (765) (CBAS Option)****Year– 1 Credit**

This course is an introduction to the computer using the PC and the integrated application software *Microsoft Office*. Using Microsoft Word, students are taught a method of producing written communications accurately and efficiently with the least amount of effort. Students also learn Excel (spreadsheets), and the basics of PowerPoint (slide show presentations), Publisher (brochures, newsletters, etc.), and Outlook (calendars, etc.). Students are also taught the basics of keyboarding, using the touch-type method. Students will operate the keyboard by touch, attain optimum speed and accuracy, and acquire the habit of using the PC as a communication tool in preparation of personal and school papers. Upon successful completion of this course students are also given the opportunity to take the certification exam leading to the Microsoft Office "Specialist" and "Expert" skill levels. The certification is a valuable asset in any job search or career advancement. Meets ½ computer credit

Web Design (766) (CBAS Option)**Sem. -½ Credit**

Web Design is a one semester, project-based course. This course is meant to teach the student how to create a 'Web Presence' using the latest tools available on the World Wide Web. In this course, the students begin by learning how to create web sites from scratch, by writing in HTML code using a 'notepad' program. Tutorials will guide them in the design and production of a website that you create about a topic or research question of your choice. Subsequently, using Microsoft Expression Web or a peer product the students will be tasked with creating a Web Presence including, but not limited to photo services, secured weblogs, wikis and online applications. Assessments will be formative, and summative, based on the projects they created and the demonstrated mastery of the associated applications. Meets ½ computer credit

Economics (750) (CBAS Option)**Sem. – ½ Credit**

This semester course provides an introduction to the American Free Enterprise System. An analysis is undertaken of the operation of the system, and of the roles played by business, the government, and the consumer. Basic economic terminology and concepts are explored, and current economic news articles are examined. *Required to graduate.*

Business & Personal Law (751) (CBAS Option)**Sem. – ½ Credit**

Business & Personal Law is a semester course. This course develops understanding of our personal rights and personal obligations in business situations. By being aware of the law and how and why it applies to us, we are better able to understand society.

Prerequisites: Successful completion of Economics

Personal Finance (754) (CBAS Option)**Sem. – ½ Credit**

This course covers areas of financial personal decision making most citizens can expect to encounter in their lifetime. It explores career choices, employment, banking services (checking, savings, loans, mortgages) taxation and investments. *Required to graduate.*

Accounting I (752) (CBAS Option)**Year – 1 Credit**

This is a full year course designed to build a basic understanding of manual and automated accounting principles, concepts, and procedures. The course provides students with an overall picture of the total process of a business system. The course teaches students to analyze and record business transactions and prepare financial statements for businesses organized as proprietorships, partnerships and corporations.

Prerequisites: Successful completion or presently taking Economics. Grades 11 & 12 have priority (max class size 20-22) if not full, grade 10 WITH instructor approval and recommendation from math teacher.

Accounting II (753) (CBAS Option)**Year – 1 Credit**

This is a full year course for those students who have completed Accounting I. Departmentalized, corporation, and managerial accounting concepts are presented. The learning activities are directed toward the knowledge and skills needed by students for entry-level positions in accounting and for those preparing to further accounting studies in college.

Prerequisites: Completion of Accounting I

Fine & Performing Arts**Art I Art Exploratory (700) (CBAS Option)****Sem. – ½ Credit**

This course is designed to introduce the student to a breadth of art media providing a basic understanding and appreciation of art as it will be encountered in high school and beyond. Students will explore a wide variety of media in both 2 and 3 dimensional art projects. The emphasis will be on creative problem solving using the elements and principles of design.

All students will maintain a sketchbook for all homework. There will be one historical research project per quarter. Digital portfolio of completed projects will be kept to monitor progress. Assessment will be based on timely completion of projects and creative application of skills using the Hinsdale High School Unified Arts Rubric.

Art II Advanced Art (701) (CBAS Option)**Sem. – ½ Credit**

This course is intended to provide students with the opportunity to explore projects with greater depth and intensity. In this guided studio setting students will have an opportunity to further develop skills that were introduced in Art I. Upon completion of assignments there will be critiques where students will be responsible for critical responses for their artwork and their peers. In addition, students will also be responsible for writing artist's statements describing their work.

All Students will maintain a sketchbook for all homework. Digital portfolio of completed projects will be kept to monitor student's progress. Assessment will be based on creative application of skills using the Hinsdale High School Unified Arts Rubric.

Prerequisite: Successful completion of Art I Art Exploratory

Digital Imaging (707) (CBAS Option)**Sem. – ½ Credit**

This course is designed to introduce students to digital image manipulation. Standard darkroom techniques will be transposed to computer using Photoshop the industry standard photo editing program. Students will learn basic concepts and techniques used in Photoshop. The emphasis of this course is on image making, whether from scanned, downloaded, drawn images or digital photographs. The elements and principle of design will be applied to all assignment. **Meets computer or art credit requirements.**

Prerequisite: Seniors only

HMHS MORNING NEWS POD CAST (708)**Year- 1 Credit**

The course is designed to develop skills for producing the Hinsdale Middle High School morning news as well as field pieces that will appear on the program. Students will develop an understanding of how the HMHS morning news is produced. Student will develop an advanced understanding of how to work with a camcorder as well as how to use production programs. Students will be responsible for writing, planning, organizing, and producing the podcast. Teamwork is essential because the class is the production crew that will produce the morning news and stories for the morning news. The ability to independently plan productions and meet strict deadlines is required. The completed production will be aired via a pod cast within our intranet. Grading will be based on the ability to work as a team member and to independently plan productions and meet strict deadlines. The class will offered first period.

Prerequisite: 12th graders only. An interview is required or permission of instructor. Meets computer or art credit requirements.

Band @BUHS (712) (CBAS Option)**Year– 1 Credit**

A performance course designed to build instrumental skills and foster artistic expression and creativity. An understanding of various musical styles and forms will develop as students rehearse and perform standard concert band literature as well as orchestral transcriptions, arrangements of Broadway or movie scores and pep/marching band styles (pop and rock). Private lessons (available in or out of school) are required for all band members. Individual achievement is guided and monitored through the use of portfolios, allowing students to set individual learning goals and to document them through written self-assessments and recorded evidence. A regular routine of individual practice is required. Attendance at all rehearsals, concerts, parades, and sectionals is required. Parade marching band is a required component of this course.

Prerequisite: Audition and permission of Instructor

Chorus@BUHS (715) (CBAS Option)**Year- 1 Credit**

Chorus is a performance class designed to develop individual as well as choral vocal technique, music literacy, and an understanding of the musical heritage of diverse choral compositions. Students are expected to attend a personal vocal lesson as well as several sectional rehearsals with the instructor for developing their vocal skills. In daily rehearsals, students will be challenged to develop their ability to read music as the ensemble prepares concert repertoire. Reading music is approached as much as possible at a beginning, intermediate and advanced level as this class hosts a wide spectrum of student competence in this artistic language. In addition to developing skills and performing in three school concerts, students are expected to reflect on their musical growth through written assignments in a chorus journal.

Prerequisite: Audition and permission of Instructor

JAZZ ENSEMBLE@BUHS (716)**Year- 1 Credit**

A performance course focusing on the study of various jazz styles in a traditional big band setting. The curriculum combines an applied study of repertoire with jazz theory and improvisation. Jazz history is also explored. Enrollment is strictly by audition and is limited to the standard jazz big band instrumentation of 2 alto saxes, 2 tenor saxes, 1 baritone sax, 4-5 trumpets, 4 trombones, piano, guitar, bass, and drums. Wind players and drummers must also be enrolled in Band. Music reading skills are required for all members. Jazz improvisation is a major component of the class. The class meets one night a week for two hours. The ensemble performs at all band concerts with occasional additional performances. Attendance at all Wednesday evening rehearsals and performances is mandatory. *This class is an evening class.*

Prerequisite: Audition

JAZZ WORKSHOP@BUHS (717)**Year- 1 Credit**

A performance course designed to build an understanding of jazz performance skills including stylistic interpretation and improvisation. The course is open to players of all brass and woodwind instruments and also includes piano, guitar, bass, and drums. Wind players and drummers must also be enrolled Band. Guitar, piano, and bass players must audition. Music reading skills are required for all members. The class meets one night a week for two hours. The ensemble performs at all band concerts with occasional additional performances. Attendance at all rehearsals and performances is mandatory. *This class is an evening class.*

Prerequisite: Audition and permission of Instructor

Theater (721)**Sem. - ½ Credit**

This course is designed for both the experienced and novice actor. Students will be introduced to different facets of theatre arts such as acting, play writing, and technical theatre. The course may cover such varied dramatic arts as Mime/Pantomime, Improvisation, Oral Interpretation, Radio Theater, Storytelling, Monologues, Scenes and One-Act plays. A requirement for the course will be participation in a public performance outside of school hours at the conclusion of the semester.

Family and Consumer Science**Adult Roles and Functions (785) (CBAS Option)****Sem. – ½ Credit**

This is a semester course, and covers skills needed to live on one's own. Topics including-values, goals, priorities, decision making process, personal relationships, career choices, health related choices, money management, consumerism, independent life skill. This is a middle school class, which high school students can take with the permission of the guidance counselor.

Parenting (780) (CBAS Option)**Sem. – ½ Credit**

This is a semester class open to all high school students. Parenting – roles and responsibilities, readiness, conception, contraception, infertility, prenatal care, pregnancy, teen pregnancy and parents, childbirth, birth defects, new born babies, basic baby/child care, basic child development, discipline, enriching environments, activities, day care, health, and first aid.

Child Development and Psychology (781) (CBAS Option)**Sem. – ½ Credit**

This is a semester course open to all high school students. This class will cover topics such as the brain, differences in the minds of boys and girls, enriching environments, consequences of poor parenting or abuse, disorders or disabilities related to the brain. Nutrition, exercise, TV, computers, games and activities, books, movies, crafts, encouraging moral development and social skills, personality development are some of the topics that are touched upon.

Prerequisite Parenting

Foods (786) (CBAS Option)**Sem. – ½ Credit**

This is a semester course open to all high school students. This course touches nutrition, health, eating disorders, safety, measuring equipment use, cooking – basics form all food groups.

Sewing I (783) (CBAS Option)**Sem. - ½ Credit**

Semester course open to all high school students. Basics needed to select pattern, size, fabric, notions and complete the following clothing construction techniques: following a guide sheet, pattern layout, cutout, transfer markings, sew basted seams, plain seams and seam finishes, put I sleeves, pockets, interfacings, zipper, buttonholes, do machine hems, hand sewing, alter when necessary. The instructor must approve each project.

Sewing II (784) (CBAS Option)**Sem. – ½ Credit**

Sewing II is an independent study. It involves all of the same requirements as Sewing I. The projects chosen will be more difficult and involves additional clothing construction techniques.

Prerequisite: Clothing I and approval of the teacher.

Quilting (785) (CBAS Option)**Sem.–½ Credit**

Learn the old art of quilting. Students will go from pattern selection to fabric choice, cutting, and constructing a quilt or table topper. Students should be well versed in operating a sewing machine. Discussions of the history of quilting, and identification of different kinds of quilts and fabrics will be included. Students will be responsible for purchasing their own supplies. Cost will vary depending on size of project, etc.

Chefs (787) (CBAS Option)**Sem. - ½ Credit**

This is a semester class teaching meal planning and prep, plus preparing more complex foods from each food group. **Open only to seniors.**

Prerequisite: Foods.

Physical Education/Health

Physical Education (500) (CBAS Option)

Sem. – ½ Credit

Physical Education is a course that intends to provide the students with a cognitive and physical knowledge they will need to pursue lifelong health and fitness. During this course students will learn to be competent movers through, but are not limited to, individual sports (badminton, tennis, etc.), team sports (soccer, basketball, etc.), dance, and lifetime activities. Throughout these experiences we hope that all students will understand the importance of teamwork, following the rules, interacting with others, achieving a sense of belonging, communication, and most importantly, relating all of these aspects into the future of physical activity. During this course students are expected to change for class, complete homework as assigned, take tests/quizzes, and keep a fitness notebook. *Students in the grades 9-12 are required to fulfill one credit of physical education for graduation.*

Health (315) (CBAS Option)

Sem. – ½ Credit

This course provides subject matter and learning activities necessary for the acquisition of knowledge, attitudes, appreciations, and behaviors essential to the growth, development, and well being of the student. Decision making and healthy choices are the focus of discussions concerning nutrition, disease prevention, sexually transmitted diseases, as well as drug, alcohol and tobacco use. *Students in grades 9-12 are required to fulfill ½ credits in Health Education.*

Aerobic Dance (506)

Sem. – ½ Credit

Aerobic Dance is a course that will give students the option to broaden their repertoire of physical activities and art expression. This dance class will meet 5 times a week during the first period of the school day. During this course, students will develop higher self esteem, a positive body image, and team work. Students will also learn about body mechanics, fitness, performing as dance team and different styles of dance. Students are required to change into clothes appropriate for physical activity for every class, participate to the best of their ability, and attend class each day. *There will be a REQUIRED performance at the end of the semester that will count as a final exam. Credit earned may be used for a ½ credit in Art or Physical Education.*

Classes Outside of Hinsdale High School

Community Service (semester) (920)

Sem./Year – ½ or 1 Credit

Students may, with Guidance and Administrative approval, do 75 hours of community service throughout grade 9-12 to obtain ½ credit or 150 hours of community service throughout grade 9-12 to obtain 1 credit toward graduation. The guidance counselors will maintain a portfolio of student community service beginning in grade 9. Students will be required to keep a journal of hours worked and provide written documentation of their service to their respective guidance counselor. Students will be required to pass in time sheets at the end of each quarter to their guidance counselor. Community Service hours do not have to be done on a weekly basis but judged on the merit of the service and the completion of hours which are pre-approved by both the guidance department and the school administration. **Due to the nature of the work involved community service cannot be counted as a fifth class.**

Windham Regional Career Center

The Windham Regional Career Center offers programs in the following area:

Introduction to Non-Linear Digital Editing and Film Making
Performing Arts-Dance
Performing Arts-Acting
Law Enforcement
Fire Services
Youth Career Awareness Program
Warehousing and Logistics
Automotive Technology
Early Childhood Education
Construction Trades
Culinary Arts
Health Science Technology
Horticulture

****For further information and applications please discuss this option with your guidance counselor**

Virtual High School

Sem. – ½ Credit

Virtual High School consists of courses taught by teachers all over the country via the Web. There are over 120 courses currently offered. Class size is limited to 25 students. Courses can be taken at anytime, at school or home. Students with **self-discipline** and the **motivation** to learn independently will excel in Virtual High School. You can explore courses, which interest you but are **not offered at Hinsdale High School**. Courses are graded and are accredited. You will interact with students all over the country in a virtual classroom.

VHS Course Offerings:

Arts, Business, Math, Foreign Language, Science, Language Arts, Life Skills, Health, Social Studies, Technology, Tech Ed., Pre AP Courses, AP Courses. A full list of courses is available from your Guidance Counselor.

www.vhs.com

VLACS

Sem./Year – ½ or 1 Credit

Virtual Learning Academy Charter School (VLACS) is New Hampshire's first fully approved school offering middle school and high school online courses at no cost. VLACS is different than Virtual High School, in that this is a real high school. VLACS offers 40 classes that can be started at any time during the year. These classes can be used for grade recovery, scheduling conflicts, or to get extra credits. There is also an option to take online college classes for a fee. High School classes can be taken for a ½ or one credit. Example some of the high school classes are English 9-12, Algebra, Geometry, Pre-Calculus, History classes, Foreign Language, SAT Prep. www.vlacs.com

New Classes for 2010

Integrated Environmental Studies (940)

Year-1 Credit

This course is open to juniors and seniors for one full elective credit. It will meet during eighth period, once per week on Mondays. It will also meet three weekends in the fall, winter, and spring. These weekends will include day trips to Monadnock, Pisgah, Connecticut River Valley, and Boston, as well as overnights to the White or Green Mountains. A potential final trip during April vacation is anticipated in conjunction with the Smithsonian Institute and EF Tours. Course content focuses on the overlapping history, literature, and science of New England. This course is recommended for serious outdoor aficionados.

Animal Studies I (922)

Year-1 Credit

This course is a "hands on" introduction to proper and SAFE handling and communication with animals of multiple species. The "classroom" is a farm, and includes working with some or all of the following animals: horses, cows, goats, sheep, ducks/chickens, cats, and dogs. Interested students must be interviewed for consideration. Athletes are encouraged to apply as course schedule is flexible for hockey/soccer students. This course is a full year and equals one full credit. Studies will include basic health, feeding, grooming, and maintenance of all farm animals. Upon completing this course, students will understand the animals from the animal's point of view.

Animal Studies II (923)

Year-1 Credit

This course is a "hands on" continuation of Animal Studies I. This course is a full year and equals one full credit. Studies will include hoof trimming/shoeing; starting and rehabilitating problem horses. Upon completing this course, students will be able to walk, lead, and ride horses without assistance; lead and move cows while on the ground or on horseback; properly assist dogs moving stock; and successfully assess confirmation to check for problems before they occur. Safety and communication are paramount.

Prerequisite- Completion of Animal Studies I

Quilting (785) (CBAS Option)

Sem. – ½ Credit

Learn the old art of quilting. Students will go from pattern selection to fabric choice, cutting, and constructing a quilt or table topper. Students should be well versed in operating a sewing machine. Discussions of the history of quilting and identification of different kinds of quilts and fabrics will be included. Students will be responsible for purchasing their own supplies. Cost will vary depending on size of project, etc.

HMHS MORNING NEWS POD CAST (708)

Year- 1 Credit

The course is designed to develop skills for producing the Hinsdale Middle High School morning news as well as field pieces that will appear on the program. Students will develop an understanding of how the HMHS morning news is produced. Student will develop an advanced understanding of how to work with a camcorder as well as how to use production programs. Students will be responsible for writing, planning, organizing, and producing the podcast. Teamwork is essential because the class is the production crew that will produce the morning news and stories for the morning news. The ability to independently plan productions and meet strict deadlines is required. The completed production will be aired via a pod cast within our intranet. Grading will be based on the ability to work as a team member and to independently plan productions and meet strict deadlines. The class will offered first period.

Prerequisite: 12th graders only. An interview is required or permission of instructor.