

Winnisquam Regional High School

Program of Studies 2012 - 2013



Proudly serving the communities of Northfield, Sanbornton and Tilton.

*Winnisquam Regional High School is committed to promoting a sense of **PRIDE**:
Productive Citizenship ~ Respect for Self and Community ~ Individual Growth and Achievement
Determination to Succeed ~ Excellence in Education*

Table of Contents

Accreditation Statement.....	3
Graduation Requirements.....	4
State Scholar and College Requirements... ..	5
Course Leveling, GPA, Class Rank.....	6
Other Academic Opportunities.....	7
Course Listings: [Student Learning Expectations (pg 4) are listed by number following each course description.]	
Agriculture and General Science	9
Business and Computers	12
English	14
Family & Consumer Science	18
Fine & Performing Arts	19
Technology Education	22
Mathematics	23
Physical Education & Health	26
Social Studies	27
World Languages	29
General Electives	31
HUOT Career Technical Center	32

ACCREDITATION STATEMENT

Winnisquam Regional High School is accredited by the New England Association of Schools and Colleges, Inc., a non-governmental, nationally recognized organization whose affiliated institutions include elementary schools through collegiate institutions offering post-graduate instruction.

Accreditation of an institution by the New England Association indicates that it meets or exceeds criteria for the assessment of institutional quality periodically applied through a peer group review process. An accredited school or college is one which has available the necessary resources to achieve its stated purposes through appropriate educational programs, is substantially doing so, and gives reasonable evidence that it will continue to do so in the foreseeable future. Institutional integrity is also addressed through accreditation.

Accreditation by the New England Association is not partial but applies to the institution as a whole. As such, it is not a guarantee of the quality of every course or program offered, or the competence of individual graduates. Rather, it provides reasonable assurance about the quality of opportunities available to students who attend the institution.

Inquiries regarding the status of an institution's accreditation by the New England Association should be directed to the administrative staff of the school or college. Individuals may also contact the Association at:

New England Association of School and Colleges
209 Burlington Road
Bedford, MA 01730-1433
(781) 271-0022

NOTICE OF NON-DISCRIMINATION POLICY UNDER TITLE VI OF THE CIVIL RIGHTS ACT OF 1964 AND TITLE IX OF THE EDUCATION AMENDMENTS OF 1972

It is the policy of School Administrative Unit Fifty-Nine – Winnisquam Regional School District not to discriminate in their educational programs, activities or employment practices on the basis of race, language, sex, age or handicap. No person shall be excluded from participation in, be denied the benefits of, or be subjected to discrimination.

Inquiries may be directed to the Superintendent of Schools, 433 West Main St., Tilton, NH 03276, (603)286-4116 or to the U.S. Commissioner of Education, 330 C St., Washington, D.C. 20201

Grievance procedures are available which provide for prompt and equitable resolution of complaints alleging violations of Title VI or Title IX. These may be obtained at the Office of the Superintendent of Schools, 435 West Main St., Tilton, NH 03276.

NOTICE OF NON-DISCRIMINATION POLICY UNDER SECTION 504 OF THE REHABILITATION ACT OF 1973

Federal law prohibits discrimination on the basis of handicaps in educational programs of activities receiving federal financial assistance.

It is the policy of School Administrative Unit Fifty-Nine - Winnisquam Regional School District – not to discriminate on the basis of handicap in its educational programs, activities or employment policies as required by Section 504 of the Rehabilitation Act of 1973. Inquiries regarding Section 504 may be directed to Dr. Tammy Davis, Superintendent of Schools, 433 West Main St., Tilton, NH 03276, (603)286-4116, or the Director of the Regional Office of Civil Rights, Department of HEW, 140 Federal St. Boston, MA 02110.

CHILD FIND NOTICE

As mandated by Public Law 94-142, Education for All Children Act, and the NH Standards for the Education of Children with Disabilities, public schools must provide special education for all children determined to be educationally handicapped. The law also requires a school district to identify such children from birth through 21 years of age. This law applies to all children including those in non-public schools, pre-schools, and hospital settings.

Parents or service providers who suspect a child might have an educationally handicapping condition are encouraged to contact that child's school. The principal will provide information on the procedures for determining if a child is educationally handicapped and in need of special education services. For more detailed information about the policies, procedures, services, and building contact persons established in SAU #59 for special education. You may also contact the Director of Student Personnel Services at (603) 286-8680.

Winnisquam Regional High School Mission Statement

Winnisquam Regional High School is a community of learners committed to promoting a sense of PRIDE.

*P*roductive citizenship

*R*espect for self and community

*I*ndividual growth and achievement

*D*etermination to succeed

*E*xcellence in education

We are committed to a comprehensive system of support to assure these outcomes in a safe environment.

Graduation Requirements

Subject Area	Class of 2013 Required Credits	Class of 2014 Required Credits	Class of 2015 Required Credits	Class of 2016+ Required Credits	Winnisquam Regional High School Graduation Requirements
English	4.0	4.0	4.0	4.0	<ul style="list-style-type: none"> ○ English 9 - 1credit ○ English 10 - 1credit ○ English 11 – 1 credit or (0.5 credit of literature elective & 0.5 credit of writing elective) ○ English 12 – 1 credit or (0.5 credit of literature elective & 0.5 credit of writing elective)
Math	3.0	3.0	3.0	3.0	<ul style="list-style-type: none"> ○ Algebra I ○ 2 additional credits of math
Science	3.0	3.0	3.0	3.0	<ul style="list-style-type: none"> ○ Physical Science ○ Biological Science ○ Science elective – 1 credit
Social Studies	3.0	3.0	3.0	3.0	<ul style="list-style-type: none"> ○ World History & Geography ○ US History I ○ US History II ○ American Economy
Fine Arts	0.5	1.0	1.0	1.0	<ul style="list-style-type: none"> ○ Visual or Performing Art
Other	1.5	1.5	1.5	1.5	<ul style="list-style-type: none"> ○ Physical Education
	0.5	0.5	0.5	0.5	<ul style="list-style-type: none"> ○ Health
	0.5	0.5	1.0	1.0	<ul style="list-style-type: none"> ○ Freshman Seminar
	P	P	P	P	<ul style="list-style-type: none"> ○ ICT-Computers
	6.5	6.5	6.5	7.0	<ul style="list-style-type: none"> ○ Electives
	<u>TOTAL</u> 22.5	<u>TOTAL</u> 23.0	<u>TOTAL</u> 23.5	<u>TOTAL</u> 24.0	

	Winnisquam Regional High School Graduation Requirements		New Hampshire State Scholar Initiative Requirements		Most Competitive College Admissions Requirements		Most Four-Year College Admissions Requirements		Two-Year Technical College/Institute Admissions Requirements	
English	4.0	<ul style="list-style-type: none"> ○ Literature ○ Writing 	4.0	<ul style="list-style-type: none"> ○ Literature ○ Writing 	4.0	<ul style="list-style-type: none"> ○ Literature ○ Writing 	4.0	<ul style="list-style-type: none"> ○ Literature ○ Writing 	4.0	<ul style="list-style-type: none"> ○ Literature ○ Writing
Math	3.0	<ul style="list-style-type: none"> ○ Pre-Algebra ○ Pre-Geometry ○ Algebra I ○ Geometry ○ Algebra 2 	3.0	<ul style="list-style-type: none"> ○ Algebra I ○ Geometry ○ Algebra II 	5.0	<ul style="list-style-type: none"> ○ Algebra I ○ Algebra 2 ○ Geometry ○ Pre-Calculus ○ Calculus 	4-5	<ul style="list-style-type: none"> ○ Algebra I ○ Algebra 2 ○ Geometry ○ Pre-Calculus and/or ○ Statistics 	4.0	<ul style="list-style-type: none"> ○ Algebra I ○ Algebra 2 ○ Geometry ○ Pre-Calculus and/or ○ Statistics
Science	3.0*	<ul style="list-style-type: none"> ○ Physical Science ○ Biological Science ○ *Science Elective 	3.0	<ul style="list-style-type: none"> ○ Biology ○ Chemistry ○ Physics ○ AP Biology ○ AP Physics, ○ AP Chemistry 	4.0	<ul style="list-style-type: none"> ○ Biology w/Lab ○ Chemistry w/Lab ○ Physics w/Lab ○ AP Chemistry 	3-4	<ul style="list-style-type: none"> ○ Earth Science ○ Biology w/Lab ○ Chemistry w/Lab ○ Physics w/Lab 	2-3	<ul style="list-style-type: none"> ○ Earth Science ○ Biology ○ Chemistry
Social Studies	3.0	<ul style="list-style-type: none"> ○ World History & Geography ○ US History I ○ US History II ○ US Economy 	3.5	<ul style="list-style-type: none"> ○ World History & Geography ○ US History I ○ US History II ○ US Economy ○ American Government ○ Psychology ○ Sociology ○ Cold War 	3.0	<ul style="list-style-type: none"> ○ World History & Geography ○ US History I ○ US History II ○ US Economy 	3.0	<ul style="list-style-type: none"> ○ World History & Geography ○ US History I ○ US History II ○ US Economy 	3.0	<ul style="list-style-type: none"> ○ World History & Geography ○ US History I ○ US History II ○ US Economy
Foreign Language	0.0	Recommended	2.0	One Language	3-4	One Language	2-3	One Language		Recommended
Fine Arts	0.5	Visual or Performing			1-2	Visual or Performing	1-2	Visual or Performing		
Other	1.5 0.5 0.5 P 6.5	Physical Education Health Freshman Seminar ICT-Computers Electives related to the career cluster that reflects your goals.				AP Courses are highly recommended				Recommended: Related HUOT or Technology Courses
TOTAL	21.5 22.5	Class of 2011-2012 *Class of 2013 +								

Freshmen, Sophomores, and Juniors are required to carry 6.0 credits each year. Seniors are required to carry a minimum of 5.0 credits.

Course Leveling

All courses are given a level number to indicate the difficulty of that course. Courses are numbered 0, 1, 2, or 3 with level 0 being the most difficult. Based on that level, students will receive quality points for completing the course. The quality points are used to establish a student's Grade Point Average (GPA) and class rank. Refer to the course selection guide to determine the level of difficulty of any course.

IMPORTANT: BEFORE SELECTING A COURSE, IT IS IMPORTANT THAT YOU UNDERSTAND THE LEVEL OF DIFFICULTY OF THE COURSES THAT YOU ARE CONSIDERING

The level of the course is useful for the following reasons:

- o To help the student make appropriately challenging course selections
- o To help determine GPA and class rank

LEVEL 0: These courses entail extensive independent study and outside activity for students who are highly proficient in the following areas: reading, writing, verbal, conceptual and study skills. These courses are considered Honors level courses.

LEVEL 1: These courses entail work for students who are proficient in the following areas: reading, writing, verbal, conceptual and study skills. These courses are considered College Preparatory courses.

LEVEL 2: These courses entail work for students who are approaching proficiency in the following areas: reading, writing, verbal, conceptual and study skills.

LEVEL 3: These courses are designed to remediate academic skills.

Grade Point Average/Class Rank

Grade	Level 1,2,3	Level: 0 (GPA Multiplied by 1.09)
A	4.00	4.36
A-	3.67	4.0
B+	3.33	3.63
B	3.0	3.27
B-	2.67	2.91
C+	2.33	2.53
C	2.0	2.18
C-	1.67	1.82
D+	1.33	1.45
D	1.0	1.09
D-	0.67	.73

Weighted Grade Point Average and Class Rank

The marking system uses letter grades, which are converted to a grade point value. **AP, Honors and Level 0 courses are given an additional weight of 1.09 (see chart).** A student's GPA is defined as the total points earned divided by the credits averaged into the GPA. A student's **class rank** is calculated using the weighted points assigned to each level.

Cumulative GPA is calculated on the final average grade in completed courses and will be released at the end of a student's junior year and the end of semester 1 and semester 2 of senior year. **Current** GPA is calculated on the previous years' cumulative GPA and current quarter grades. To determine the Valedictorian, Salutatorian and Honor Graduate of a graduating class, class rank will be the calculated cumulative GPA and the fourth quarter mid-term grades. A final class rank will be calculated on the cumulative GPA at the end of the senior year.

Students have the responsibility with the assistance of their parents, teachers and guidance counselors to select those courses which best meet their needs, aptitudes and abilities. However, teacher and department recommendations are considered when assigning courses that are taught at more than one level. Prerequisites must also be met.

Courses taken at other schools are assigned values after comparing them with similar courses offered at Winnisquam. The class ranking system will not affect student's eligibility for the honor roll.

Other Academic Opportunities

Internship: The student will explore an area of career interest through a work-based learning experience. This experience may be paid or non-paid. The scheduling of the internship will be flexible enough to allow the student to pursue a regular course load. One-quarter credit will be awarded for each quarter of work. Internships are arranged through the student's guidance counselor.

Independent Study: The student will go beyond the offered curriculum through extensive study of a topic of their choosing. Independent study must be supervised by a faculty member who has expertise in the chosen area. The student and faculty member design the curriculum and assessment. A contract must be pre-approved by the teacher, student's parent, guidance counselor, and administration in the semester prior to the beginning of the work.

Extended Learning Opportunity: It is the policy of the Board to allow extended learning opportunities as a means of meeting the diverse instructional needs of students with different talents, interests and development. If a learning opportunity presents itself that does not meet the guidelines of an independent study, please consult with your guidance counselor or the school's administration.

Project Running Start: Running Start is a partnership linking the Community Colleges of New Hampshire with secondary schools. Through this partnership, high schools can offer high school students the opportunity to enroll in CCSNH courses for credit while simultaneously completing the requirements for high school graduation. College faculty work directly with high school faculty to ensure that the CCSNH courses taught in participating schools maintain standards identical to those of sections taught on the college campus. CCSNH reserves the right to determine and periodically revise the conditions under which its programs may be offered for college credit and assumes responsibility for their supervision.

The following courses are currently offered to Winnisquam Regional High School Junior and Senior students for Project Running Start Credit:

Statistics	Introduction to Psychology
Psychology Honors	Sociology
Software Applications	US History 2 Honors
Introduction to Business	College Composition Honors
Accounting 1	Principles of Marketing
Personal Financial Management	Creative Writing
Topics in Applied College Mathematics (TAC Math)	

(Courses cost \$150 each. Scholarships are available.)

STEM (Science, Technology, Engineering, and Mathematics) ACADEMY- The goal of the STEM Academy at WRHS aims to improve science, technology, engineering, and math education for our students. The basic structure of the program consists of *three* main priorities:

- Increased course focus on STEM classes
- Active participation in monthly STEM program meetings and after-school activities
- Completion of an internship/apprenticeship

Students who successfully complete the STEM Academy program will receive recognition in the form of a special endorsement on their diploma and WRHS transcript, as well as a special cord and award to wear with the student's cap and gown at graduation.

Program requirements are listed below:

Coursework Requirements

- A minimum of 11 credits in science, math, computer programming, graphic design, computer-aided design (CAD), some agriculture education courses, as well as some specialized courses at the HUOT Technical Center in Laconia that include Introduction to Engineering, Principles of Engineering, Modern Robotics, and Biotechnology.
- A minimum of 7 math and science courses in grades 9-12
- An additional 4 courses (any STEM area) at any time during WRHS career

STEM Meetings and Activities (regular attendance at monthly STEM meetings/activities after school)

- Exploration of STEM careers
- Computer, science, or engineering projects (including robotics team)
- Math, science, or computer games
- Other activities that students/faculty advisors will plan and organize

Additional Graduation Requirements

- Students would have to complete an internship/career exploration centered in one STEM field of a minimum of 30 hours
- Students' portfolios must show proficiency in STEM content areas
- Students must achieve a minimum score of 2 on both Math and Science NECAP tests

VLACS – Virtual Learning Academy Charter School

Online course are offered to New Hampshire students free of charge. Pembroke Academy offers transfer credit for elective courses and for credit recovery in some instances. **Students are urged to complete a preapproval form at PA in order to pave the way for transfer credit.** As described in the Parent-Student Handbook, required courses must be taken at Pembroke Academy. Procedures and course offerings are found at www.vlacs.org.

DRIVER EDUCATION**½ credit**

Students may enroll in Driver Education classes provided they have met the state requirement or age eligibility. It is a State law that only four hours may be missed from class. All absences from class must be made up. It is recommended to choose a section that does not conflict with sport seasons. Students will be enrolled on an age basis until the maximum class size is reached. Waiting lists will be established for students who desire consideration. All students interested in being enrolled are advised to enroll early to be assured participation in their desired session. This course meets part of the requirements needed for 16-17 year old students to obtain a license. Students must meet state requirements as sent forth by the Driver's Education Instructor and will be awarded one-half credit for successful completion of this course. There is a tuition fee attached to this program and all costs are the responsibility of the student. **Application forms are available at the main office in order to enroll in the course.**

Note: Course offerings are subject to change.

AGRICULTURE & GENERAL SCIENCE

Courses at the Agricultural Education Center give students hands-on experience and skill training that help them obtain jobs or continue their education in a two or four year college. The courses worth two credits are year-long, meet every day and are part two-block class, and part of a course sequence.

All Agriculture Science courses with the exception of Floriculture count toward a Science elective for graduation requirements. Floriculture meets the graduation requirement for Fine Art.

SCIENCE – 3 CREDITS REQUIRED FOR GRADUATION REQUIRED FOR GRADUATION (1 PHYSICAL, 1 BIOLOGICAL, 1 ELECTIVE)

500 EARTH, SPACE & PHYSICAL SCIENCE Level 1 Grade 9 1 credit

This course is required for all freshmen. This course includes an introduction to Physical Sciences with an integrated approach that reflects the interrelationships of the parts of the earth and the natural forces that affects them. Emphasis is placed on man's relationship to the environment, what he is doing to it and how he may conserve it. Basic principles of physics and chemistry as they apply to earth science are introduced. **This course meets the physical science requirement.** Enrollment limited to 24.

504 BIOLOGY Level 1 Grade 10 1 credit

Prerequisite: passing grade in Earth Science. This course is a study of biochemistry, diversity and evolution, ecology and the structure and functions of living things and their applications to the real world. **This course fulfills the Biology requirement for graduation.** Enrollment limited to 24.

503 HONORS BIOLOGY Level 0 Grade 10 1 credit

Prerequisite: grade of C or better in Earth Science. This course is a study of biochemistry, diversity and evolution, ecology and the structure and functions of living things and their applications to the real world. **This course fulfills the Biology requirement for graduation.** Enrollment limited to 24.

506 AP BIOLOGY Level 0 Grade 11-12 1 credit

Pre-requisite: C or better in Biology Level 1 or higher and have passed or in conjunction with Chemistry Level 1 or higher. This AP Biology course is a second year course that allows students to build on the concepts learned in the previous biology course and is designed to be the equivalent of a college introduction biology course. Completion will allow students to be successful in their college biology courses. This course is an in-depth study of molecules and cells, heredity and evolution, and organisms and population. Students will demonstrate their ability to understand science as a process, perform scientific inquiry, recognize unifying themes of biology, and apply biological knowledge and critical thinking to the environment and society. Successful completion of this course is determined by the AP Exam. Enrollment limited to 24.

508 PHYSICS CP Level 1 Grade 12 1 credit

Prerequisite: C or better in Algebra 1. This is a college preparatory class. This course is designed to give the students an introduction to physics concepts as well as a real world connection. The topics are very similar to that of the AP Physics course, with a focus on application. The level of mathematics necessary for this course is less sophisticated than the Honors level. A scientific calculator is required. **This course meets the physical science requirement.** Enrollment limited to 24.

509 HONORS CHEMISTRY Level 0 Grade 11 1 credit

Prerequisite: C or better in Algebra 2. Science concepts suggested. This is a lab-oriented college preparatory course. Course content includes: the structure of the atom, organizations of the periodic table, chemical bonding, solids, liquids and solutions, reaction rates, chemical equilibrium, acids, and basis, and oxidation-reduction reactions. This class emphasizes laboratory work. Formal lab reports and scientific calculator are required. **This course meets the physical science requirement.** Enrollment limited to 24.

510 CHEMISTRY Level 1 Grades 11-12 1 credit

Prerequisite: C or better in Algebra 1. This is a college preparatory class. Course content to include the structure of the atom, the periodic table and trends, chemical bonding, chemical reactions, molar quantities, gas laws, solutions, chemical equilibrium, acids, and bases. This course will have the rigor of the honors class, but without the additional lab time and a slightly modified math component. **This course meets the physical science requirement.** Enrollment limited to 24.

511 AP CHEMISTRY **Level 0** **Grade 12** **1 credit**

Prerequisite: C or better in Honors Chemistry or Chemistry and C or better in Algebra 2. This course is designed to be the equivalent of the general chemistry course usually taken during the first year of college. Students will attain a depth of understanding of fundamentals and the reasoning skills needed to deal with chemical problems as well as develop the ability to think clearly and express their ideas, orally and in writing, with clarity and logic. This college course in chemistry differs qualitatively from honors chemistry with respect to the kind of textbook used, the topics covered, the emphasis on chemical calculations and the mathematical formulation of principles, and the kind of laboratory work done by students. **This course meets the physical science requirement.** Enrollment limited to 24.

512 AP-PHYSICS **Level 0** **Grade 12** **1 credit**

Prerequisite: C or better in Algebra 2. This is a lab-oriented college preparatory physics course. Course content includes, mechanics, (forces, accelerations, velocities, energy, work, etc.) heat and thermodynamics, wave mechanics, electricity and magnetism, relativity, ray and quantum optics and elementary electronics. This class emphasizes laboratory work. Formal lab reports and a scientific calculator are required. **This course meets the physical science requirement.** Enrollment limited to 24.

513 ANATOMY & PHYSIOLOGY **Level 1** **Grade 11-12** **1 credit**

Prerequisite: B or better in Biology or permission from instructor. This course is open to students looking to prepare for advanced biological studies, biomedical/nursing, physical and health education, and other science-based careers. Anatomy/Physiology is a study of the structure and function of the human body and human physiology. The course is laboratory experiences and text-based activities provide student learning in the following topics: nervous system, skeletal system, muscular system, tissues/ cells maturation, sense and sense organs, genetics, cardiovascular system, endocrine system, joints, digestive system, urinary system, nutrition and metabolism, skin, reproductive system, respiratory system, blood, lymphatic system. This course meets the physical science requirement. Enrollment limited to 20.

514 INTEGRATED SCIENCE **Level 1** **Grade 11-12** **1 credit**

This course is designed to build upon the concepts learned in previous science courses and will allow students to fulfill their third year science requirement. The concepts in this course are similar to those found in chemistry and physics. It also incorporates information from environmental, space and earth science in order to prepare students for the science NECAP's. Extensive hands-on laboratory and group learning activities will be employed in the investigation of topics including measurement, energy, matter, atomic structure, forces, motion and electricity. Enrollment limited to 24.

515 SUSTAINABLE TECHNOLOGY **Level 1** **Grades 11-12** **½ credit**

This is a class designed to help gain a better understanding of energy conservation and sustainability. We will look into alternative energies for our homes and transportation, sustainable food resources, and a better way to build our homes and businesses. We will investigate how we use the resources available at home, work, and school to make a cleaner world and a better tomorrow?

722 AGRICULTURAL SCIENCE **Level 1** **Grades 9-11** **2 credits**

An application is required for this course. The due date is April 1st. One credit of the two will count toward a science credit. This course is designed to give students a basic understanding of the principles of agriculture. It includes orientation to agricultural industries, fundamentals of plant and soil science, basics of forestry and natural resources, small animal management and animal health, use of machines, agricultural mechanics and shop safety. Students will be expected to participate in various agricultural jobs, judging contests, and FFA leadership activities in order to obtain first hand agricultural experience. Record keeping and documentation of skill development are used to reinforce class activities. **This course fulfills the biology requirement for graduation.** Enrollment limited to 10.

723 PET SCIENCE **Level 1** **Grades 10-12** **½ credit**

This course will approach pet ownership from a scientific standpoint. Students will learn about all aspects of pet care and handling, including concepts of immunization and first aid. Areas of study will include animal behavior and health and related issues such as pet overpopulation. The course will include multiple opportunities to handle live companion animals. Enrollment limited to 16.

724 CONSUMER AGRICULTURE: PLANT KINGDOM **Level 1** **Grades 10-12** **½ credit**

This course will cover related subjects in more depth than Introduction to Agriculture. Topics covered will include: human impact on the environment, turf management, landscape design and maintenance, interior plantscapes, and floral design. Enrollment limited to 16

727 PLANT SCIENCE APPLICATIONS **Level 1** **Grades 10-12** **2 credits**

Prerequisite for this course: Agricultural Science. An application is required for this course. The due date is April 1st. This course will cover the basics of plant anatomy and physiology, propagation, soils, pest control, etc. The focus will be on the nursery and landscape and floriculture industries. Detailed units on outdoor equipment operation, greenhouse management and floral design will be covered. Greenhouse production will be a significant undertaking as will outdoor landscaping jobs and floral design projects. The class will work cooperatively with horticultural businesses and public agencies in the community. **Successful completion of this course qualifies students for guaranteed admission to a Plant Science major at SUNY Cobleskill with two semester hours of credit.** Enrollment limited to 7.

728 NATURAL RESOURCES **Level 2** **Grades 10-12** **2 credits**

Prerequisite for this course: Agricultural Science. An application is required for this course. The due date is April 1st. This course is an introduction to the area of Natural Resources Management. In addition to awareness of employment opportunities, this course will encourage consumer understanding of and responsibility for our natural resources. The course will focus on the areas of forest, wildlife and fisheries management and components. Students will learn about sustainable harvesting, forest diseases, tree identification and equipment use. Native and invasive species will be covered as well as classification procedures, population studies, water quality and sampling techniques. These concepts will be applied through land management and other practical projects. Enrollment limited to 10.

729 FOOD SCIENCE AND TECHNOLOGY **Level 1** **Grades 10-12** **½ credit**

Instruction will emphasize how food science and technology contribute to the health and wellness of society. Students will be able to make informed decisions when selecting, buying and preparing food for themselves and their family. Students will demonstrate and apply various scientific principles in working with food. The final unit will allow students to explore the various career opportunities the food and technology industry has to offer. Enrollment limited to 16.

730 FLORICULTURE **Level 1** **Grade 9-12** **½ credit**

This course covers the elements and principles of floral design, retail management, technical skills, and floral production. Students will use fresh flowers to create floral arrangements on a regular basis. The construction of different design shapes, vase arrangements, boutonnieres and corsages will be taught. **This course meets the graduation requirements for fine art.** Enrollment limited to 10.

731 ENVIRONMENTAL SCIENCE **Level 1** **Grade 11-12** **½ credit**

Prerequisite: Earth Science. This course is designed to illustrate the physical, chemical and biological processes that drive the natural environment, as well as to demonstrate human dependencies on those natural systems. This class will focus on the importance of environmental conservation and sustainability, human population growth and its effects on the natural world, as well as the development of new technologies to prevent further damage to land, air and water resources. Enrollment limited to 10.

BUSINESS & COMPUTERS

765 INTRODUCTION TO BUSINESS **Level 1** **Grades 9-12** **1 credit**

This course can be taken for Running Start credit. Freshman may take this course with permission from the instructor. The study of the world of business operations, the wide range of occupational functions, the American economic system, the business system from the global perspective, organizational structures and management, and operational procedures of a business. Enrollment limited to 25.

767	ACCOUNTING 1	Level 1	Grades 10-12	1 credit
------------	---------------------	----------------	---------------------	-----------------

This course can be taken for Running Start credit. Recommended: Introduction to Business. This course is an introduction to accounting as the language of business. The student will be introduced to the procedures necessary to record, classify and summarize basic business transactions. The course will cover the accounting cycle for service and merchandising sole proprietorships, including journalizing transactions in general and special journals, recording, adjusting and closing entries and preparing worksheets and financial statements. The course will also cover banking procedures and payroll. **This course can count as a third math credit after successfully completing Algebra 1.** Enrollment limited to 18.

769	ACCOUNTING 2	Level 1	Grades 11-12	1 credit
------------	---------------------	----------------	---------------------	-----------------

Prerequisite: Accounting 1. This course is offered to students who have demonstrated an ability and aptitude for accounting. Further development is provided for understanding bookkeeping and accounting procedures. The course of study includes special journals, accruals, departmental records, voucher systems, payroll and tax records, partnerships, corporations, manufacturing accounting and the interpretation of business records and reports. Simulations on automated accounting will be done using computers. Enrollment limited to 18.

782	PRINCIPLES OF MARKETING	Level 1	Grades 11-12	1 credit
------------	--------------------------------	----------------	---------------------	-----------------

This course can be taken for Running Start credit. This course will examine product, pricing, promotion and channels of distribution. As well as marketing in retail, wholesale, service and manufacturing companies. Students may earn college credit in conjunction with LRCC for LBUS2600 Principles of Marketing. Enrollment limited to 18.

784	PERSONAL FINANCIAL MANAGEMENT	Level 1	Grades 11-12	1 credit
------------	--------------------------------------	----------------	---------------------	-----------------

This course can be taken for Running Start credit. This course focuses on fundamental financial planning procedures and controls for personal finances to include managing assets, credit, insurance needs, budgets, retirement, and estate planning. Students will also be introduced to the concepts of investment as part of the planning procedures, as well as career planning. **Depending on the instructor, this course may meet the ICT requirement.** Enrollment limited to 18.

763	COMPUTER PROGRAMMING	Level 1	Grades 11-12	½ credit
------------	-----------------------------	----------------	---------------------	-----------------

Prerequisite: Successful completion of Algebra 1 with a grade of C+ or better. Students will learn the fundamentals of computer programming, and problem-solving through exercises and short programming assignments in Visual Basic. New details and concepts are introduced separately in a bottom-up approach. By the end of the course, the students will be familiar with the basic tools of the programmer and will have experience in writing short programs. Topics include: procedural abstraction, control structures, iteration, simple data types, arrays and records and iterative approximation methods. **This course meets the ICT requirement.** Enrollment limited to 20.

764	SOFTWARE APPLICATIONS	Level 1	Grades 11-12	½ credit
------------	------------------------------	----------------	---------------------	-----------------

This course can be taken for Running Start credit. The emphasis on this course is hands-on applications of computer software including Windows, database, spreadsheets and word processing. Students will be exposed in-depth to business uses through simulated projects. Students are also introduced to PowerPoint and other business applications. An analysis of the impact of these programs on the business environment will also be studied. **This course meets the ICT requirement.** Enrollment limited to 20.

773	DESKTOP PUBLISHING	Level 2	Grades 9-12	½ credit
------------	---------------------------	----------------	--------------------	-----------------

Prerequisite: Successful completion of 8th grade computer portfolio. This one-semester course provides skill development in the electronic procedures of producing and editing publications. Students will create, format, illustrate, design, edit/revise, and print publications. Improved productivity of electronically produced newsletters, flyers, brochures, reports, advertising materials, and other publications are emphasized. Proofreading, document composition, and communication competencies are also included. **This course meets the requirement for fine arts and the ICT graduation requirement.** Enrollment limited to 20.

774	GRAPHIC DESIGN	Level 1	Grades 11-12	½ credit
------------	-----------------------	----------------	---------------------	-----------------

Prerequisite: Successful completion of 8th grade portfolio and either Desktop Publishing or Fundamentals of Art. This is a team taught course between the computer and art departments. Learn the basic principles required to solve graphic design problems. Using industry standard software and related programs, students develop the ability and confidence to determine appropriate and successful designs. Demonstrate effective use of color, dominant and subordinate elements, typography, and production skills to make effective design layouts, which meet industry standards. **This course meets the requirement for fine arts and the ICT graduation requirement.** Enrollment limited to 20.

775	YEARBOOK 1	Level 1	Grades 10-12	1 credit
------------	-------------------	----------------	---------------------	-----------------

An application and approval from instructor is necessary to enroll in this course. This course is designed to familiarize students with the concepts and skills necessary to produce the school's yearbook. Students that enroll in the yearbook course need to be aware that the course is both a traditional class and an extracurricular activity. Students will be required to sign a contract prior to enrolling into the course. Failure to adhere to the contract provisions will result in withdrawal from the course. Grading is based on work done in class, contribution to deadlines and the production of the book and the student's participation in after-school yearbook activities. It is highly recommended that students have access to a digital camera with 5.0 mega pixel or higher capacity. Units will include theme development, page layout and design, digital photography, marketing, legal issues, basic InDesign and PhotoShop skills. **This course meets the fine art and ICT graduation requirement.** Enrollment limited to 12.

An application and approval from instructor is necessary to enroll in this course. Second year students continue to develop their publication skills from Yearbook 1. Student further develop their skills and knowledge in the use of Adobe InDesign, Adobe PhotoShop and Adobe Illustrator. Students are encouraged to assume a leadership role by holding an editorial staff or business management position. Advanced students assume greater responsibilities for the publication's planning and production. This course may be repeated 2 times with permission from the Yearbook Advisor. **This course meets the fine art and ICT graduation requirement.** Enrollment limited to 3.

781 ICT Portfolio Preparation Seminar (Independent Study)**Level 2****Up to .5 credits**

The aim of the ICT Portfolio Preparation Seminar is to assist students in developing their electronic portfolio to meet state requirements for graduation. Students will complete a workbook and assignments designed to build on existing computer skills. Students will work with Microsoft Office and Windows in addition to developing an understanding of hardware and software functions. This course is designed to assist those students who need guidance in developing the portfolio, therefore students are required to meet weekly with the instructor during the term of the course. Students may take for .5 credit as an elective.

ENGLISH

ENGLISH – 4 CREDITS REQUIRED FOR GRADUATION

100 ENGLISH GRADE 9 H **Level 0** **1 credit**

In reading, the course emphasizes literary analysis rather than comprehension; in language, the course provides an intensive study of grammar, punctuation, and usage; in writing, students are encouraged to express themselves creatively while adhering to the conventions of correct form.

101 ENGLISH GRADE 9 **Level 1** **1 credit**

This course emphasizes reading comprehension and literary analysis, English mechanics and writing conventions. This course will focus on increasing proficiency in reading, writing, and language use.

106 ENGLISH GRADE 10 H **Level 0** **1 credit**

This course is intended to further develop mechanics, writing and reading. The focus will be on advanced writing, grammar, vocabulary drills and reading.

107 ENGLISH GRADE 10 **Level 1** **1 credit**

This course is intended to further develop mechanics, writing and reading. This course will continue to focus on increasing proficiency in reading, writing, and language use.

108 English 11 - American Literature **Level 1** **1 credit**

This is a survey course, which meets both the literature and the writing requirement. English 11 is focused on the development of literature from Early America to present day. The course emphasizes literary analysis, advanced English mechanics and writing conventions.

109 English 12 – British Literature **Level 1** **1 credit**

This is a survey course, which meets both the literature and the writing requirement. English 12 is focused on the development of literature from the time of the Anglo-Saxons to present day. Themes include: Anglo-Saxons, Medieval Times, The Renaissance, Empire Building (17th and 18th centuries) and Modern Times (1901-present), The course emphasizes literary analysis, advanced English mechanics and writing conventions.

197 ENGLISH 9 Flex **Level 2** **2 credit**

One credit of the two will count toward an English 9 credit. The other will count toward elective credit. This course is designed to provide the student who has difficulty mastering 9th grade English skills and concepts. English 9 Flex directly addresses individual needs through differentiated instruction, adaptive and instructional software, high-interest literature and non-fiction, and direct instruction in reading, writing, and vocabulary skills. **Placement per teacher/case manager approval.**

199 ENGLISH 10 Flex **Level 2** **2 credit**

One credit of the two will count toward an English 10 credit. The other will count toward elective credit. This course is designed to provide the student who has difficulty mastering 10th grade English skills and concepts. English 10 Flex directly addresses individual needs through differentiated instruction, adaptive and instructional software, high-interest literature and non-fiction, and direct instruction in reading, writing, and vocabulary skills. **Placement per teacher/case manager approval.**

IMPORTANT NOTE:

- **Students may not take elective courses unless they have successfully completed English 9 & 10.**
- **Students may not take more than one writing course per year in grades 11 and 12.**
- **In grade 11 students may take English 11 for 1.0 credit or .5 credit of literature/survey and .5 credit of writing/survey.**
- **In grade 12 students may take English 12 for 1.0 credit or .5 credit of literature/survey and .5 credit of writing/survey.**

Electives

111 CREATIVE WRITING **Level 1** **Grades 11-12** **½ credit**

This is a writing/survey course. This course can be taken for Running Start credit. This is an advanced course in writing original, fictional prose and poetry. Students will read a variety of fictional works, as well as non-fictional expositions on writing fiction, but will focus primarily on creating stories of their own. Students will contribute to a yearly literary journal. Enrollment limited to 15.

113 ENGLISH MECHANICS Level 2 ½ credit

This is a writing/survey course. This course is designed primarily for students who feel they need extra help with English syntax. The course will include a review of the fundamental rules of grammar, spelling and punctuation. Enrollment limited to 25.

114 MEDIA ANALYSIS Level 1 ½ credit

This is a literature/survey course. This course is a critical study of contemporary communications and mass media – television, radio, newspaper, advertising, music, film – their inter-relationships and contrasts as they influence the moral values and decisions in America and the world today. Students will read and analyze contemporary essays on each medium as well as learn and use the vocabulary that is related to mass media. Students will also be responsible for two independent and two group analysis projects. Students will write argumentative essays analyzing the effects of mass media on our American life today. Enrollment limited to 25.

123 MEDIA ANALYSIS Level 2 Level 2 ½ credit

This is a literature/survey course. This course will cover the same material as Media Analysis, level 1, but will be geared to the interests and needs of the level 2 student. Enrollment limited to 20.

115 MULTICULTURAL LITERATURE Level 2 ½ credit

This is a literature/survey course. This course introduces the student to representative works from around the world. Students will examine cultural similarities and differences demonstrated in reading material from Europe, Africa, Asia, and Latin America. Each section of the course will provide insights about the connections between a region's literature and its culture. Enrollment limited to 25.

116 MYTH & SYMBOLS Level 1 ½ credit

This is a literature/survey course. A survey of the growth, development and importance of myth and symbol in literature. A background in world mythologies, legends and folk tales enable the student to appreciate the mythical allusions in contemporary literature. Enrollment limited to 25.

117 READING IMPROVEMENT Level 3 ½ credit

This is a literature/survey course. This course develops those reading skills necessary to becoming a better reader. Stories and essays will be short. The course emphasizes basic reading skills (e.g. word attack, syllabication, context clues) and critical reading skills (e.g. identifying main idea, understanding sequence, making inferences). Students read a minimum of five novels appropriate to their reading level. Enrollment limited to 15.

118 COLLEGE COMPOSITION H Level 0 ½ credit

This is a writing/survey course. This course is available for Running Start credit. This course is an individualized approach to writing descriptive, narrative and expository essays. Enrollment limited to 15.

119 WRITING FOR THE DIGITAL AGE Level 2 ½ credit

This is a writing/survey course. This course is designed to give students with limited interest in writing the opportunity to express themselves in ways that have real-world, twenty-first century applications, on topics that interest them, such as sports, fashion, auto mechanics, comics, gaming, sewing, etc. Writing will also explore the use of various types of digital media including software, on-line news sources, blogs and wikis. Enrollment limited to 15.

120 AMERICAN LITERATURE SURVEY HONORS Level 0 ½ credit

This is a literature/survey course. This course will provide students with a comprehensive background in American Literature from pre-colonial times to the contemporary novel. Students will read extensively and write frequently to assess the impact of American literature on its people. Enrollment limited to 25.

121 INTRODUCTION TO LITERARY ANALYSIS Levels 1, 2 ½ credit

This is a literature/survey course. This course is structured to help the student design an individualized reading program. The structure is designed by the following criteria: reading interest and ability, analytical skills and student motivation. Students write summaries, evaluate literature and keep daily records. Enrollment limited to 15.

122 JOURNALISM Level 1 ½ credit

This is a writing/survey course. This course emphasizes basic techniques of reporting as well as the analysis and criticism of mass communication today. Student's writing will be submitted to local media (e.g. radio stations, local newspapers). Enrollment limited to 15.

124 PHILOSOPHY AND LITERATURE HONORS Level 0 ½ credit

This is a literature/survey course. This is a thematic approach to literature emphasizing such basic philosophical issues such as truth, beauty, goodness and commitment. Philosophers, poets, novelists and playwrights will be studied concurrently. The unit on Truth for example, includes works by Plato, Descartes, Chekhov, Faulkner and Hardy. Enrollment limited to 25.

125 SHORT STORY Level 2 ½ credit

This is a literature course. This course includes the study of fast-paced action stories as well as material related to science fiction, supernatural, mystery and fantasy. The course teaches students how to analyze the elements of the short story (e.g. plot, theme, characterization, mood) and encourages them to create short stories of their own. Enrollment limited to 25.

126 SHAKESPEARE & MEDIA Level 2 ½ credit

This is a literature/survey course. Designed to introduce students of lower levels of reading and/or writing ability to the plays of William Shakespeare by studying Shakespeare's influence on American popular culture, particularly the medium of film. Students will study four to five Shakespearian plays by first watching modern films based on said plays in order to learn plot and characters, then through carefully guided reading of texts, and finally through watching staged or filmed productions of the plays. Enrollment limited to 15.

127 CRITICAL ANALYSIS OF CHILDREN'S LITERATURE Level 2 ½ credit

This is a literature/survey course. This course is designed to introduce high school students to the importance of reading in the child's early experience. There will be emphasis on oral as well as written literary works and the course will include works from local, national and foreign traditions. Students will work independently and in groups and will participate in frequent oral, reading and written assignments. Enrollment limited to 15.

128 ENGLISH LITERATURE HONORS Level 0 ½ credit

This is a literature/survey course. This survey of English literature course will cover 1300 years of literary history from Beowulf to Dylan Thomas, exposing students not only to different genres and styles of writing, but also to the intellectual foundation of much of America's literary heritage. Enrollment limited to 25.

129 EUROPEAN LITERATURE HONORS Level 0 ½ credit

This is a literature/survey course. This course will introduce the phase 1 student to representative works from European literary tradition. Major units include The Bible, Greek tragedy, medieval literature, Renaissance literature and nineteenth century European Literature. Enrollment limited to 25.

130 MODERN SOCIETY-ITS PROBLEMS AND VALUES Level 2 ½ credit

This is a literature/survey course. This course is a reading and discussion of contemporary literature that explores social problems and values. It is designed to aid students in improving reading, writing and listening skills. Enrollment limited to 22.

131 SHAKESPEARE HONORS Level 0 ½ credit

This is a literature course. This course is an intensive discussion of five Shakespearean plays. Thematic concerns, character development and some aspects of Shakespearean performance in Elizabethan and modern theater are explored in depth. A less intensive study of Shakespeare's sonnets will be included if time permits. Enrollment limited to 25.

132 THE BIBLE AND ITS INFLUENCE ON LITERATURE – A Level 2 ½ credit

This is a literature/survey course. This course will study the organization of the Hebrew Scriptures (Old Testament). It will consider the importance of studying Biblical literacy through a study of Genesis, Exodus, the Prophets, the Books of Writings, and Wisdom. It will also study the ways in which later writers have used Bible literature, language, and symbols. Students will learn about the language, literary forms, plot lines, characters, and contents of the Bible to produce a better understanding of literature, art, and culture. Enrollment limited to 22.

133 THE BIBLE AND ITS INFLUENCE ON LITERATURE – B Level 2 ½ credit

This is a literature/survey course. This course will consider how the Christian bible was built upon a foundation of the Hebrew Bible. It will consider the importance of studying biblical literacy through a study of the four gospels, the letters of Paul, and Revelation. It will also study the ways in which later writers have used Bible literature, language, and symbols. Students will learn about language, literary forms, plot lines, characters, and contents of the Bible to produce a better understanding of literature, art, and culture. Enrollment limited to 22.

134 PUBLIC SPEAKING Level 2 ½ credit

This is a literature/survey course. This course will enable students to develop their listening and speaking skills; it will emphasize the effective use of these skills in school and career settings. The course also develops skills in organization and conflict resolution. Enrollment limited to 16.

135 ARGUMENTATION AND DEBATE**Level 1****½ credit**

This is a literature/survey course. A performance-based course in which students learn argument design, including use of reason and evidence, and practice in competitive, academic debate. This course is focused primarily on critical thinking, research skills and orally expressing arguments with rhetorical and presentational power. Includes principles of argumentation and skills of debate, including reasoning, evidence, refutation, and briefing. Enrollment limited to 16.

136 ADVANCED PLACEMENT LANGUAGE & COMPOSITION**Level 0****Grades 11-12****1 credit**

This is a writing/survey course. A year-long high honors course designed to give college-bound students the equivalent of a 100-level freshman English Composition course. Students will learn advanced topics in rhetoric and composition, will read and write a variety of non-fiction, and will prepare for the College Board Advanced Placement Exam in English Language and Composition. Students may be admitted to the course only through the recommendation of an English teacher, and the course will include a mandatory summer reading list. Enrollment limited to 15.

137 ADVANCED PLACEMENT LITERATURE & COMPOSITION**Level 0****Grades 11-12****1 credit**

This is a writing/survey course. A year-long high honors course designed to give college-bound students the equivalent of a 100-level college freshman English Literature course. Students will learn advanced topics in literary criticism, will read and write about a variety of fictional works, and will prepare for the College Board Advanced Placement Exam in English Literature and Composition. Students may be admitted to the course only through the recommendation of an English teacher, and the course will include a mandatory summer reading list. Enrollment limited to 15.

FAMILY AND CONSUMER SCIENCES

700 EXPLORATIONS IN SEWING, FASHION & DESIGN Level 2 Grades 9-12 ½ credit

A combination of lab and classroom experiences will teach students a variety of construction skills ranging from simple crafts, home decorating, fashions to athletic gear. Creative ideas for making sewing fun and profitable are explored. Learn the skills needed to become personally fashionable and consumer-wise. Past, present and future trends in the fashion world will be investigated. (The student is responsible for the cost of projects). **This course meets the requirement for fine arts. (If a student successfully completed this course prior to SY 2012-13, it can be used to meet the fine art requirement for graduation.)** Enrollment limited to 16.

701 CREATIVE SEWING & FASHION DESIGN Level 1 Grades 9-12 ½ credit

Prerequisite: Exploring Sewing, Fashion & Design. In this course the student will continue to advance skills and practices in the textiles, fashion and apparel world. Using a variety of equipment, tools, supplies and technology, students will analyze apparel and textiles, design, construction, repair and alterations. Opportunities for career paths in textiles and apparel merchandising will be explored. Construction skills and techniques will be individualized depending on experience and skill level. Students will be responsible for the cost of their project. Students are expected to sew everyday. Enrollment limited to 16.

702 CHILD DEVELOPMENT AND GROWTH Level 2 Grades 9-12 ½ credit

This course explores personal growth, healthy relationships, the structure of the family, theories of child development, parenting, pregnancy, prenatal care, and the birthing process. The growth and development of the child from birth to age six is covered in depth. Observations of children will reinforce the learning of a child's social/emotional, intellectual, and physical growth. The "Baby Think it Over" simulation will be required. Crafts, games, books, exploration, and play activities will be stressed as learning tools for the young child. Career opportunities in the child development field will be explored. Enrollment limited to 20.

703 WORKING WITH THE YOUNG CHILD Level 1 Grades 10-12 ½ credit

Prerequisite: Child Development and Growth. This course is designed for those students having successfully completed Child Development and Growth, this block period semester course incorporates observations, field work and job shadowing in the child care field. Through the district School-To-Work program, placement in the district's elementary schools and/or daycare facilities will enhance classroom learning with practical experience. Individual portfolio work and projects will reinforce learning. Enrollment limited to 15. **(Admitted with permission of instructor).**

704 FOODS 1 Level 2 Grades 10-12 ½ credit

This course is an introductory course in foods which emphasizes technology, food safety, sanitation, basic food preparation, and management techniques, as well as etiquette. Nutrition education is interfaced with all subject content. Consumer skills for planning, selecting, purchasing and preparing foods will be practiced. Individual research projects reinforce skills learned in class and lab. Enrollment limited to 18.

705 FOODS 2 Level 1 Grades 10-12 ½ credit

Prerequisite: Foods 1. This course builds upon knowledge gained in Foods 1, the student will learn advanced skills and practices in the varied culinary world. Exploration of the cultures and cuisine's of our global society will be emphasized. Independent, small group and class projects will be included. Specialized nutritional studies will be conducted. Career exploration, marketing, catering, sales, restaurant and retail skills will be included. Enrollment limited to 16.

FINE AND PERFORMING ARTS

FINE AND PERFORMING ARTS – ½ CREDIT REQUIRED FOR GRADUATION (ART, MUSIC, or DRAMA)

Drama

195 FUNDAMENTALS OF ACTING Level 1 Grades 10-12 ½ credit

9th graders admitted with permission from instructor. In this course the student will study the art of acting. The course will take the student step by step from the basic skills of acting through the more complex skills of control, character motivation and stage movement. The student will learn to use drama techniques to stimulate perception, imagination, timing and interpretation. **This course meets the requirement for fine arts.** Enrollment limited to 12.

196 ADVANCED ACTING Level 1 Grades 10-12 ½ credit

Prerequisite: Fundamentals of Acting. 9th graders admitted with permission from instructor. In this course the objectives are to increase the student's ability as a performer on the stage. Emphasis will be placed on the development of discipline, imagination, creativity, character analysis and performance. The course is designed for those who wish to work in-depth on characterization using monologue, scene, improvisation, and other forms of dramatic performance. Students will read and analyze several plays and develop characters for the final performance. **This course meets the requirement for fine arts.** Enrollment limited to 12.

Music

300 BAND Level 1 Grades 9-12 1 credit

Prerequisite: Middle school instrumental music or permission from instructor. This course offers development of an instrumental ensemble with a concentration in the following techniques: posture, tone, intonation, embouchure, fingering, breathing, rhythm, articulation, scales and sight reading. This group will study a wide variety of musical styles. Public performance is required in this class. **This course meets the fine arts requirement.**

301 CHORUS Level 1 Grades 9-12 1 credit

This course offers the development of a vocal ensemble with a concentration in the following techniques: vocal production, diction, vowels, tone, intonation, rhythm, articulation, breathing, and posture. This group will perform a wide variety of musical styles. Public performance is required. **This course meets the fine arts requirement.**

812 MUSIC THEORY 1 Level 1 Grades 9-12 ½ credit

Prerequisite: Ability to read music is required. This course is an introduction to the study of the structural aspects of music, including aural dictation, keyboard skills, and written theory. This course is designed to help students learn the rudiments of musical construction. It is recommended for any student who wishes to improve his/her knowledge of music. **This course meets the requirement for fine arts.** Enrollment limited to 15.

813 MUSIC THEORY 2 Level 1 Grades 9-12 ½ credit

Prerequisite: Music Theory 1 or instructor permission. This course is a continuation of the concepts and skills developed in music theory 1. This course is designed to help students further their abilities in aural dictation, keyboard skills, musical composition, and written theory. It is recommended for students pursuing a career in music. **This course meets the requirement for fine arts.** Enrollment limited to 15.

814 MUSIC APPRECIATION: AESTHETICS IN LISTENING Level 2 Grades 9-12 ½ credit

This course offers the student an opportunity to experience the mechanics and history of music through listening to all forms of music from the Middle Ages to the latest innovations in jazz, rock and popular styles. Students will also trace the development of these styles in their relationships to literature and visual arts, and discover music's unique qualities as a means of human expression. There is a performance component to this course. **This course meets the requirement for fine arts.** Enrollment limited to 20.

815 MUSIC AND CINEMA Level 2 Grades 9-12 ½ credit

This course is designed to introduce the student to the pivotal role(s) that music plays and has played in the film industry. **This course meets the requirement for fine arts.**

Visual Arts

800 FUNDAMENTALS OF ART **Level 1** **Grades 9-12** **½ credit**

The aim of Fundamentals of Art is to foster development of the individual and his/her creativity ability as well as an appreciation of the visual arts as a vital part of his/her life. Students will enhance and sharpen their visual awareness and perception, through studio problems and exercises. This course introduces or reviews basic art terms, concepts and studio techniques. Art criticism and appreciation will be explored through art history and current art trends. **This course serves as a pre-requisite for additional art courses and meets the fine art requirement for graduation.** Enrollment limited to 22.

801 DRAWING **Level 1** **Grades 10-12** **½ credit**

Prerequisite: Fundamentals of Art. The drawing course is aimed towards the student who enjoyed working with various media in 2D design and wishes to pursue this interest. The student will explore media not endeavored in Fundamentals of Art and build on those already encountered. The aim of this course is to develop the individual skills and creative ability as well as an appreciated and continued interest in 2 dimensional works of art. The idea that one learns to draw and that learning to draw is learning “to see” will be explored through 2D studio problems and exercises. Enrollment limited to 16.

802 PAINTING **Level 1** **Grades 10-12** **½ credit**

Prerequisite: Fundamentals of Art. The painting course will examine two-dimensional design concepts through various painting materials and techniques. It utilizes basic drawing skills and knowledge of color theory. The development of original design ideas and personal style will be explored through art critiques, art history and visual awareness. Enrollment limited to 18.

803 CERAMICS/SCULPTURE **Level 1** **Grades 10-12** **½ credit**

Prerequisite: Fundamentals of Art. The aim of this course is to give students an opportunity to explore three-dimensional works of art and the means to create them through studio experiences in ceramic and sculpture materials. Design applications, craftsmanship and art criticism will close the traditional gap between the craft of ceramics and fine art of sculpture. Students will develop a personal approach as well as an awareness of cultural heritage through ceramic and sculptural history and trends. Acquired skills can be utilized in a life long appreciation of form in both natural and man-made objects. Enrollment is limited to 16.

804 MIXED MEDIA 3D HONORS **Level 0** **Grades 10-12** **½ credit**

Prerequisite: Ceramics. In this course students will be given an intermediate level of instruction relating to three dimensional designs and concepts in art. Applications, craftsmanship, art criticism and aesthetics will enhance their knowledge. Development of personal style along with acquired skills will be stressed through art critiques, art history and research, and through a museum visit. Students will complete a portfolio by the end of the semester. Enrollment limited to 12. **This course is offered in the fall semester.**

805 MIXED MEDIA 2D HONORS **Level 0** **Grades 10-12** **½ credit**

Prerequisites: Drawing and/or Painting or with teacher approval. Students will be given an intermediate level of instruction relating to two dimensional designs and concepts. Design applications, craftsmanship, art criticism and aesthetics will enhance their knowledge. Development of personal style along with acquired skills, with focus on the figure, will be stressed through art critiques, art history and research, and a museum visit. Students will complete a portfolio by the end of the semester. Enrollment limited to 12. **This course is offered in the spring semester.**

706 HOUSE DESIGN: INSIDE AND OUT **Level 2** **Grades 9-12** **½ credit**

In this course the student will learn the principles of good design, planning, designing, decorating and landscaping a home. The many housing options are compared, noting how the social, private and service areas work together to satisfy individual and family needs. Architectural history, universal design, smart houses, energy efficiency, conservation, restoration and professional career opportunities will be explored. **This course meets the requirement for fine arts.** Enrollment limited to 18.

773 DESKTOP PUBLISHING **Level 2** **Grades 9-12** **½ credit**

Prerequisite: Successful completion of 8th grade computer portfolio. This one-semester course provides skill development in the electronic procedures of producing and editing publications. Students will create, format, illustrate, design, edit/revise, and print publications. Improved productivity of electronically produced newsletters, flyers, brochures, reports, advertising materials, and other publications are emphasized. Proofreading, document composition, and communication competencies are also included. **This course meets the requirement for fine arts and the ICT graduation requirement.** Enrollment limited to 20.

774 GRAPHIC DESIGN **Level 1** **Grades 11-12** **½ credit**

Prerequisite: Successful completion of 8th grade portfolio and either Desktop Publishing or Fundamentals of Art. This is a team taught course between the computer and art departments. Learn the basic principles required to solve graphic design problems. Using industry standard software and related programs, students develop the ability and confidence to determine appropriate and successful designs. Demonstrate effective use of color, dominant and subordinate elements, typography, and production skills to make effective design layouts, which meet industry standards. **This course meets the requirement for fine arts and the ICT graduation requirement.** Enrollment Limit 20.

775 YEARBOOK 1**Level 1****Grades 10-12****1 credit**

An application and approval from instructor is necessary to enroll in this course. This course is designed to familiarize students with the concepts and skills necessary to produce the school's yearbook. Students that enroll in the yearbook course need to be aware that the course is both a traditional class and an extracurricular activity. Students will be required to sign a contract prior to enrolling into the course. Failure to adhere to the contract provisions will result in withdrawal from the course. Grading in this course is based on work done in class, contribution to deadlines and the production of the book and the student's participation in after-school yearbook activities. It is highly recommended that students have access to a digital camera with 5.0 mega pixel or higher capacity. Units will include theme development, page layout and design, digital photography, marketing, legal issues, basic InDesign and PhotoShop skills. **This course meets the requirement for fine arts and the ICT requirement.** Enrollment limited to 12.

776 YEARBOOK 2**Level 1****Grades 11-12****1 credit**

An application and approval from instructor is necessary to enroll in this course. In this course second year students continue to develop their publication skills from Yearbook 1. Student further develop their skills and knowledge in the use of Adobe InDesign, Adobe PhotoShop and Adobe Illustrator. Students are encouraged to assume a leadership role by holding an editorial staff or business management position. Advanced students assume greater responsibilities for the publication's planning and production. This course may be repeated 2 times with permission from the Yearbook Advisor. Enrollment limited to 3.

TECHNOLOGY EDUCATION

710 WOODS 1 **Level 2** **Grades 9-12** **1 credit**

This is an introductory course in manufacturing technology, using wood as a media, where students will learn to convert a designer's ideas into a product that has value. Proper and safe use of hand and power tools, planning and design, material selection, procedures, assembly, finishes and hardware will be covered. Application of learning through assigned and approved student projects. Enrollment limited to 16.

711 WOODS 2 & 3 **Level 2** **Grades 10-12** **1 credit**

Prerequisite: Minimum grade of C Woods 1 or recommendation from instructor. This course is designed to provide the student with a more in depth study of woodworking. Skills and processes taught should be practical and salable to an employer and/or valuable to the student's interests and needs in private life. Units include production projects, operation and machine set-ups, safety, advanced planning and design, materials, practical carpentry, plastics, laminating, cabinetry, hardware and fasteners, and finishing. Application of learning through assigned and instructor approved project work. Quality will be stressed. **This course meets the requirement for fine arts. (If a student successfully completed this course prior to SY 2012-13, it can be used to meet the fine art requirement for graduation.)** Enrollment limited to 16.

714 AUTO-CAD DRAFTING **Levels 1** **Grades 9-12** **1 credit**

Prerequisites: Although not required, it is strongly recommended that students have successfully completed Geometry. Permission from instructor required for freshmen or sophomores students wishing to take this course. Students will be introduced to traditional pencil and paper drafting. AutoCAD shifts to developing skills to produce two-dimensional drawings using the computer and the AutoCAD LT Computer Program. Emphasis will be placed on problem-solving, using math skills, and accepted drawing practices. **This course may be counted as either (not both) a fine arts or math credit after two credits have been earned (one being Algebra I) within the math department. It also meets the ICT graduation requirement.** Enrollment limited to 12.

MATHEMATICS

MATHEMATICS –3.0 CREDITS REQUIRED FOR GRADUATION (INCLUDING 1.0 IN ALGEBRA I)

Please refer to the following chart to determine math sequence:

8th Grade	9th Grade	10th Grade	11th Grade	12th Grade
Algebra	Geometry/H & Algebra 2/H concurrently	Pre-Calculus/H	AP-Calculus or Statistics	AP-Calculus or Statistics Senior/Tac Math
	Geometry/H	Algebra 2/H	Pre-Calculus/H or Statistics	AP-Calculus or Statistics Senior/Tac Math
Pre-Algebra	Algebra 1AB	Geometry/H & Algebra 2/H concurrently	Pre-Calculus/H or Statistics	AP-Calculus or Statistics Senior/Tac Math
	Algebra 1/H	Geometry/H	Algebra 2/H	Pre-Calculus/H or Statistics Senior/Tac Math
General Math	Pre-Algebra	Algebra 1	Geometry	Algebra 2
	Algebra 1AB	Geometry/H & Algebra 2/H concurrently	Pre-Calculus/H or Statistics	Statistics Senior/Tac Math
		Geometry/H	Algebra 2/H	Pre-Calculus/H or Statistics Senior/Tac Math
Geometry	Algebra 2H	TBD	TBD	TBD

221 ALGEBRA 1AB HONORS

Level 0

2 credits

Prerequisites: Passed Pre-Algebra with a B or higher or permission from department chair. **One credit of the two will count as a math credit the other will count toward elective credit.** This course is the first course in college-preparatory math. This section is for the advanced college-preparatory student. Topics covered will be the same as those covered in Algebra 1, but at a faster pace and in greater depth. A graphing calculator is required (TI-83+/84 graphing calculator is recommended). Enrollment limited to 25

222 ALGEBRA 1AB

Level 1

2 credits

One credit of the two will count as a math credit the other will count toward elective credit. This course is the first course in college-preparatory math. It is intended that this course be stringent in nature and has been designed for the college-preparatory student. Topics will include signed numbers, polynomials, linear and other equations, word problems and others. A calculator is required for this course (TI-30 is recommended). Enrollment limited to 15.

223 PRE-ALGEBRA AB

Level 2

2 credits

One credit of the two will count as a math credit the other will count toward elective credit. This course is designed for the student requiring a stronger math foundation in order to be successful in Algebra 1. Students will have an individualized foundation curriculum created through the response to intervention model. Algebraic concepts will be introduced at an elementary level in order to create a strong base in logic and reasoning necessary to take Algebra 1 the following year. A calculator is required for this course. Enrollment limited to 15.

204 BASIC MATH SKILLS

Level 3

1 credit

Prerequisites: Meeting with special education teacher, parent, and student. This course is for the student whose educational plan specifies a need for intensive work with the fundamentals of arithmetic. Emphasis will be on drill in the fundamentals and will incorporate life skill topics including the unit on the hand-held calculator. A calculator is necessary for this course. Enrollment limited to 12.

205 GEOMETRY HONORS **Level 0** **1 credit**

Prerequisite: C average in Algebra 1, or permission from curriculum leader. This course is designed for the advanced college-preparatory student. The material covered will be the same as covered in geometry, but at a faster pace and in greater depth. A graphing calculator is required. (TI-83+/84 graphing calculator is recommended). This course may be taken in conjunction with Algebra 2 or 2H. Enrollment limited to 25.

206 GEOMETRY **Level 1** **1 credit**

Prerequisite: Algebra 1. This course follows Algebra 1 and will be taught with the rigor necessary to classify it as a college preparatory class. Includes topics such as triangles, polygons, perpendicular and parallel lines, proof-deductive and inductive reasoning, areas and volumes, and analytic geometry. A graphing calculator is required. (TI-83+/84 graphing calculator is recommended). This course may be taken in conjunction with Algebra 2 or 2H. Enrollment limited to 25.

207 ALGEBRA 2 HONORS **Level 0** **1 credit**

Prerequisite: C average in Geometry Honors or permission from curriculum leader OR students can take Algebra 2H and Geometry/H concurrently. This course is for the advanced college-preparatory student. The material covered will be the same as in algebra 2, but will be covered at a faster pace and in greater depth. Also included will be units on basic trigonometry. This may be taken in conjunction with geometry honors with department approval. A graphing calculator is required. (TI-83+/84 is recommended). Enrollment limited to 25.

208 ALGEBRA 2 **Level 1** **1 credit**

Prerequisite: Algebra 1 and Geometry OR students can take Algebra 2 and Geometry/H concurrently. The course is a logical extension of Algebra 1, and may be taken before or after geometry. The content of the course includes signed numbers, factoring, simultaneous equations, algebraic fractions, logarithms, exponents, complex numbers, quadratic functions and others. A graphing calculator is required. (TI-83+/84 calculator is recommended) Enrollment limited to 25.

209 PRE-CALCULUS **Level 1** **1 credit**

Prerequisite: Algebra 1, 2 and Geometry. Advanced math is the fourth in a series of college preparatory mathematics. It is designed to further the student's knowledge of mathematics beyond algebra and trigonometry. Topics are designed to help college bound students prepare for courses in analytic geometry, matrices, determinants, limits, continuity, etc., as well as a review of the basic algebra and geometry. The TI-84+ graphing calculator is required. Enrollment limited to 25.

210 STATISTICS **Level 1** **Grades 11-12** **1 credit**

Prerequisite: Algebra 1 & 2. This course is available for Running Start credit. Must pass Accuplacer to receive Running Start credit. This is a college level statistics course offered in conjunction with NHCTC. Students can earn college credit in addition to ½ credit toward graduation. Statistical topics covered include measures of central tendencies, various statistical graphs, probability theorems, and higher level statistics. Enrollment limited to 25.

211 PRE-CALCULUS HONORS **Level 0** **1 credit**

Prerequisite: C average in Algebra 2 honors, or permission from curriculum leader. The advanced math course is the fourth course in the college preparatory honors program. It is designed to further the talents of advanced mathematics students. It will deal with topics that will be of use to students in post secondary courses. Topics shall include a review of trigonometry, functions and limits and a strong introduction to calculus. The graphing calculator is required. Enrollment limited to 25.

212 AP CALCULUS **Level 0** **1 credit**

Prerequisite: C average in Pre-Calculus. This course is intended as a fifth math course for students planning to study math or related subjects at the college level. Prepares students for entry into college calculus courses and possibly allow students to test out of one or two semesters of college calculus. The advanced placement test will be an option to the student at the end of the course. This option is at the student's own expense and will be given at the school. The graphing calculator is required for this course.

218 SENIOR MATH **Level 1** **Grade 12** **½ credit**

Prerequisite: Successful completion of Algebra 2. This is a survey course, focusing primarily on the algebra skills needed to enter the work force or community colleges. Students will develop facility in simplifying and evaluating polynomial and rational expressions, as well as solve linear equations and inequalities, quadratic equations and systems of linear equations. Emphasis will be placed on applying these skills in solving real world problems.

220 INDIVIDUALIZED MATH SKILLS **Level 3** **1 credit**

This is a modified level 3 course, designed for students whose identified needs are not being met by the course outlines or time restrictions of current course offerings. Students are admitted only with permission from the math department chair. Topics that may be included: money, shopping, using a calculator, writing checks, ordering from a menu and totaling a bill, bank accounts budgeting and paychecks. Enrollment limited to 12.

222 TOPICS IN APPLIED COLLEGE MATHEMATICS (TAC MATH) Level 1 Grade 12 ½ credit

This course is available for Running Start credit. This course is designed to expose the student to a wide range of general mathematics. Problem solving and critical thinking skills, along with the use of technology, will be emphasized and reinforced throughout the course as the student becomes actively involved solving applied problems. Topics to be covered include: number theory and systems, functions and modeling, finance, geometry and measurement, probability and statistics and selected subtopics related to the student's major field of study.

714 AUTO-CAD DRAFTING Levels 1 Grades 9-12 1 credit

Prerequisites: Although not required, it is strongly recommended that students have successfully completed Geometry. Permission from instructor required for freshmen or sophomores students wishing to take this course. In this course students will be introduced to traditional pencil and paper drafting. AutoCAD shifts to developing skills to produce two-dimensional drawings using the computer and the AutoCAD LT Computer Program. Emphasis will be placed on problem-solving, using math skills, and accepted drawing practices. **This course may be counted as either (not both) a fine arts or math credit after two credits have been earned (one being Algebra I) within the math department. It also meets the ICT graduation requirement.** Enrollment limited to 12.

PHYSICAL EDUCATION & HEALTH

PHYSICAL EDUCATION AND HEALTH - 1 ½ CREDITS IN PE and ½ CREDIT IN HEALTH REQUIRED FOR GRADUATION

Students may only take one PE class per semester unless approved by teacher

522 GRADE 9 PE

½ credit

This is a co-educational class open to 9th grade students only. Students usually meet every other day for a semester and receive .5 credit toward the 1.5 credits needed for graduation. The primary emphasis of this course is to introduce a wide range of activities to each student. Social skills and responsible personal behavior are highly stressed. Upon completion, students will be able to recognize and understand the importance of physical activity in providing opportunities for enjoyment, challenge, and self-reflection. Enrollment limit to 25.

GRADES 10-12

All physical education classes are co-educational activities ranging in level from mild classroom activities to strenuous exercise, with some activities being offered at both beginner and advanced levels. Students will have four choices for courses. Activities may include but are not limited to:

523 ADVENTURE ACTIVITIES

½ credit

This is a co-educational class open to students in grades 10-12. Students meet every other day for a semester and receive .5 credit toward the 1.5 credits needed for graduation. The primary emphasis of this course is to focus on a variety of recreational and outdoor activities that stress team building. Upon completion, students will have developed problem solving skills, and an appreciation for both outdoor and indoor recreational activities. Activities covered but not limited to, indoor adventure games, walking, hiking, archery, biking, snow-shoeing, hacky sac, trust activities and map and compass activities. Enrollment limit to 20.

524 LIFETIME ACTIVITIES

½ credit

This is a co-educational class open to students in grades 10-12. Students meet every other day for a semester and receive .5 credit toward the 1.5 credits needed for graduation. The primary emphasis of this course will be to gain knowledge and skill in various lifetime activities. Upon completion, students will have learned many alternative activities in non-competitive atmosphere and understand the value of being active throughout their lifetime. Activities covered, but not limited to, include aerobics, Pilates, kick-boxing, walking, tennis, badminton, pickle ball, cardio games and nutrition. Enrollment limit to 25.

525 TEAM SPORTS

½ credit

This is a co-educational class open to students in grades 10-12. Students meet every other day for a semester and receive .5 credit toward the 1.5 credits needed for graduation. The primary emphasis of this course is intermediate skill building for team sports. Upon completion, students will be able to identify preferences for types of physical activity that can be pursued for lifetime fitness and recreational purposes. Activities covered, but not limited to, include soccer, basketball, flag football, ultimate games, lacrosse, kickball, speedball and floor hockey. Enrollment limit to 25.

526 WEIGHT TRAINING

½ credit

This is a co-educational class open to students in grades 10-12. Students meet every other day for a semester and receive .5 credit toward the 1.5 credits needed for graduation. The primary emphasis of this course is to acquire knowledge and appreciation for weight lifting, its techniques, and safe operation of equipment. Students will understand how to safely use equipment and develop their own individualized training plan. Enrollment limited to 16.

521 HEALTH

Grades 10-12

½ credit

This course follows the New Hampshire Health Education guidelines which come from the CDC Adolescent Risk Behaviors, and the Traditional Health Education content areas. The content areas included are alcohol and other drugs, injury prevention, nutrition, physical activity, family life and sexuality, tobacco use and prevention, mental health, personal and consumer health, community and environmental health. The principles that are covered allow students to make better choices that affect their overall health and advocate to others on how to follow a healthier life style. Enrollment limited to 25.

Students who cannot meet the requirements of regularly scheduled physical education classes because of medical needs, will be provided with an adapted program set up to meet their individual needs. This program will be scheduled by the PE department and the student's guidance counselor, based on recommendations from the school nurse, after all forms have been filled out by the student's physician and PE teacher.

SOCIAL STUDIES

SOCIAL STUDIES – 3 CREDITS REQUIRED FOR GRADUATION (World History and Geography, US History 1, American Economy, US History 2)

400 WORLD HISTORY AND GEOGRAPHY HONORS Level 0 Grade 9 1 credit

Students in this course should be reading and writing above grade level and be able to work independently on a variety of assessments. Students will be introduced to the five themes of geography and ten characteristics of a civilization during first quarter. These concepts will be applied throughout the course. Students will study and evaluate the historical development of various cultures throughout the world from the Roman Empire to the American and French Revolutions. Quarterly research projects and portfolios of student work are part of the course requirement. Enrollment limited to 25.

401 WORLD HISTORY AND GEOGRAPHY Level 1 Grade 9 1 credit

Students will be introduced to the five themes of geography and ten characteristics of a civilization during first quarter. These concepts will be applied throughout the course. Students will study and evaluate the historical development of various cultures throughout the world from the Roman Empire to the American and French Revolutions. Quarterly projects and portfolios of student work are part of the course requirement. Enrollment is 25.

402 UNITED STATES HISTORY & GOV'T 1 HONORS (1787 to 1897) Level 0 Grade 10 ½ credit

Prerequisite: recommendation from social studies teacher and a grade of C or above in World History/Geography H. Students in this course should be writing and reading above level and be able to work independently. Students will study the historic development of the United States from 1787 to 1897. Emphasis is given to the historical development of the United States Constitution and the American Civil War. Local and state history will complement the time period as the United States moves from birth to a world power. Research projects and portfolios of student work are part of the course requirement. **Completion of summer work is a requirement in this course.** Enrollment limited to 25.

403 UNITED STATES HISTORY & GOV'T 1 (1787 to 1897) Level 1 Grade 10 ½ credit

Students in this course will study the historic development of the United States from 1787 to 1897. Emphasis will be the historical development of the United States Constitution and the American Civil War. Local and state history will complement the time period as the United States moves from birth to a world power. Research projects and portfolios of student work are part of the course requirement. Enrollment limited to 25.

405 AMERICAN ECONOMY HONORS Level 0 Grade 10-12 ½ credit

Prerequisite: recommendation of social studies teacher. Students in this course should be writing and reading above level and be able to work independently. This course will provide students with the basic principles of microeconomics, marketing, investing, an exposure to other economic systems, and an introduction to Macroeconomics. Research projects and portfolios of student work are part of the course requirement. **Completion of summer work is a requirement in this course.** Enrollment limited to 25.

406 AMERICAN ECONOMY Level 1 Grade 11-12 ½ credit

This course will provide the student with basic principles of microeconomics, marketing, investing, an exposure to other economic systems, and an introduction to macroeconomics. Projects and portfolios of student work are part of course requirements. Enrollment limited to 25.

408 UNITED STATES HISTORY & GOV'T 2 HONORS (1898 – PRESENT) Level 0 Grades 11-12 1 credit

Prerequisite: US History 1787 to 1897, and recommendation from social studies teacher. This course is available for Running Start Credit. Students in this course will study the historic development of the United States from the Spanish American War to the Gulf War. Significant time is given to World War I, the Great Depression, World War II and the Holocaust, the Cold War, Civil Rights, and the development of the role of the United States in the world today. Research projects and portfolios of student work are part of the course requirement. **Completion of summer work is a requirement in this course.** Enrollment limited to 25.

409 UNITED STATES HISTORY & GOV'T 2 (1898 – PRESENT) Level 1 Grades 11-12 1 credit

Prerequisite: US History 1787 to 1897. Students in this course will study the historic development of the United States from the Spanish American War to the Gulf War. Significant time is given to World War I, the Great Depression, World War II and the Holocaust, the Cold War, Civil Rights, and the development of the role of the United States in the world today. Research projects and portfolios of student work are part of the course requirement. Enrollment limited to 25.

413 PSYCHOLOGY HONORS Level 0 Grade 11-12 ½ credit

Prerequisite: recommendation of social studies teacher and curriculum leader. This course is available for Running Start credit. In this course topics include: a look at the basis for human relations, interaction, self-actualization and socialization. There will be a broad overview of different schools of psychology and an analysis of the contributions made by key individuals in the field of psychology. A research paper utilizing APA format is a requirement of this course. Enrollment limited to 25.

414 INTRODUCTION TO PSYCHOLOGY **Level 1** **Grades 11-12** **½ credit**

This course is available for Running Start credit. This course includes an introduction to behavior of humans, including: behaviors, individual differences, personality theories and development, motivation and emotion, abnormal behavior and learning. Enrollment limited to 25.

415 SOCIOLOGY **Level 1** **Grades 11-12** **½ credit**

Prerequisite: Intro to Psychology or Psychology Honors. This course is available for Running Start credit. This course will include brief examination of factors of social organizations such as status and role, class structure, population and social mobility, and function of the United States social institutions. Anthropology is the study of the culture and patterns of social behavior, and will be examined in terms of topics such as race and culture, culture and society, marriage and kin status, social control and social roles. Enrollment limited to 25.

416 STREET LAW **Level 2** **Grades 11-12** **½ credit**

In this course students will study the legal system as it applies to them in their daily life to include topics on criminal, civil, consumer and constitutional law. Enrollment limited to 25.

417 THE COLD WAR: 1945-1989 **Level 1** **Grade 12** **½ credit**

Prerequisite: Successful completion of USH 2 with at least a C average. This course will provide students with a comprehensive background of the conflict of ideas between the United States and the Soviet Union (Russia) from the division of Germany after World War 2 to the destruction of the Berlin Wall in 1989. Enrollment limited to 25.

427 AMERICAN GOVERNMENT & CITIZENSHIP **Level 2** **Grade 11-12** **½ credit**

This course is designed to expose students to the development of the American government system and political sphere. An emphasis will be placed upon historical and contemporary issues that influence the United States' government, the role of the engaged citizen and how these affect our relationship with the world. Enrollment limited to 25.

421 AP US HISTORY **Level 0** **Grade 11-12** **1 credit**

Prerequisite: Recommendation from Social Studies teacher. This course is designed to provide students with a college level experience and preparation for the AP Exam. Students in this course will examine the development of the United States from the Age of Exploration to the present time. The following reoccurring themes will be used to explore time periods and analyze changes that have occurred over time: American diversity, the development of an American identity, changing culture and cultural conflict, demographic changes, economic trends and transformations, environmental issues, globalization, the development of political institutions and roles of citizens, reform movements, the influence of religion, history and impact of slavery, war and diplomacy. **This course satisfies the requirement for US History II. If a scheduling conflict occurs, preventing a student from enrolling both in US History I and another required course, the student may enroll in Advanced Placement US History during their junior year. Students who earn a score of 3, 4, or 5 on the AP Exam at the conclusion of the course are exempt from taking U.S. History I.** Completion of summer work is a mandatory requirement in this course. Enrollment limited to 20.

WORLD LANGUAGES

601 EXPLORING FRENCH **Level 2** **Grades 9-12** **½ credit**

In this course students learn to converse about everyday topics in French. The emphasis is on oral communication and use of vocabulary in authentic situations. Cross-cultural comparisons will provide an additional framework for language study. Assessments will be based on a variety of communication tasks focusing on the use of French in everyday life by non-native speakers. Not open to students with previous Level 1 world language credits. Enrollment limited to 18.

602 FRENCH 1 **Level 1** **Grade 9-12** **1 credit**

In this course there is an emphasis is on comprehension and speech. The sound-system of the language, that is, the individual vowel and consonant sounds as they occur in meaningful utterances and the intonation patterns or melody of the new language are studied. Vocabulary is topical and builds a foundation for level appropriate speech. By means of dialogues and pattern drills, types of sentences that are found frequently in face-to-face communication are taught. Students are expected to be active participants and risk takers. Enrollment limited to 25.

603 FRENCH 2 **Level 1** **Grade 10-12** **1 credit**

Prerequisite: Grade of C- or better in French 1. Continuation of French 1. In this course there is an emphasis is placed on the student's ability to communicate orally and in writing using the basic patterns of foreign language. There is continued emphasis on participation and communication. Students are expected to be active participants and risk takers. Enrollment limited to 25.

604 FRENCH 3 HONORS **Level 0** **Grade 11-12** **1 credit**

Prerequisite: Grade of C in French 2 or permission from the instructor. In this course there is an emphasis is given to increasing the student efficiency in all phases of language study. (Comprehension, speaking, reading and writing) Teacher-student interaction focuses on the use of the foreign language. Reading and oral expression is centered around current topics of interest. In addition, writing skills are emphasized. During the last term, students will explore in French, French history and culture from prehistoric times to the beginning of the 100 Years War (Middle Ages). Enrollment limited to 20.

605 FRENCH 4 HONORS **Level 0** **Grade 11-12** **1 credit**

Prerequisite: Grade of C in French 3 or permission from the instructor. This course presents an integrated approach to language-learning through history, culture, literature, reading, writing and speaking. Students will strengthen their skills in all four areas of language learning (listening, speaking, reading and writing). Students will continue to develop their literary horizon through a more in-depth study of the literary, artistic, scientific and historical developments in France from the Middle Ages through the beginning of the 20th century. Projects, oral and written reports and the like, will be integral to this course. This course is conducted in French. Enrollment limited to 20.

606 ADVANCED STUDY – FRENCH 5 HONORS **Level 0** **Grade 11-12** **1 credit**

This course is for the student who wants to do advanced work in language, literature or composition. The content is to be determined by conferences between student and instructor and is subject to the approval of the French teacher. One unit of credit will be given upon satisfactory completion of work. All work will be done on an individual basis on a time schedule set up by mutual agreement.

608 EXPLORING SPANISH **Level 2** **Grades 9-12** **½ credit**

In this course students learn to converse about everyday topics in Spanish. The emphasis is on oral communication and use of vocabulary in authentic situations. Cross-cultural comparisons will provide an additional framework for language study. Assessment will be based on a variety of communication tasks focusing on the use of Spanish in everyday life by non-native speakers. Not open to students with previous Level 1 world language credits. Enrollment limited to 18.

609 SPANISH 1 **Level 1** **Grade 9-12** **1 credit**

In this course emphasis is on comprehension and speech. The sound-system of the language, that is, the individual vowel and consonant sounds as they occur in meaningful utterances and the intonation patterns or melody of the new language are studied. By means of dialogues and pattern drills, types of sentences that are found frequently in face-to-face communication are taught. Student activities include singing of native song, folk dancing, role-playing, and vocabulary and language games. Enrollment limited to 25.

610 SPANISH 2 **Level 1** **Grade 10-12** **1 credit**

Prerequisite: Grade of C- or better in Spanish 1. Continuation of Spanish 1. In this course emphasis is placed on the student's ability to communicate orally and in writing using the basic patterns of foreign language. Formalized dialogues and pattern drills learned in Spanish 1 aid the student in creating his/her own oral and written conversations based on everyday situations. Enrollment limited to 25.

611 SPANISH 3 HONORS**Level 0****Grade 11-12****1 credit**

Prerequisite: grade of C in Spanish 2 or permission from the instructor. In this course emphasis is on increasing student efficiency in all phases of language study (comprehension, speaking, reading, and writing). Teacher-student interaction focuses on the use of the language. Reading and oral expression is centered around current topics of interest. In addition, writing skills are emphasized. Students write letters, newspapers, dialogues and skits in Spanish. Enrollment limited to 20.

612 SPANISH 4 HONORS**Level 0****Grade 11-12****1 credit**

Prerequisite: Grade of C in Spanish 3 or permission from the instructor. This course presents an integrated approach to language – learning through culture, history, reading popular and classic literature, listening and translating songs, movies, etc., and more. Students will perform oral and written assignments in Spanish. Enrollment limited to 20.

613 ADVANCED STUDY – SPANISH 5 HONORS**Level 0****Grade 11-12****1 credit**

This course is for the student who wants to do advanced work in language, literature or composition. The content is to be determined by conferences between student and instructor and is subject to the approval of the Spanish teacher. One unit of credit will be given upon satisfactory completion of work. All work will be done on an individual basis on a time schedule set up by mutual agreement.

GENERAL ELECTIVES

900 SAT PREPARATION Level 1 Grade 11 ½ credit

This course is designed to teach college bound students the skills they will need to succeed in standardized tests, particularly the SAT. Students will prepare for the Reading, Writing and Math sections of the SAT. As students' standardized test scores will vary widely, assessment will be based on individual effort and improvement. Homework intensive. Enrollment limited to 25.

902 ACADEMIC SKILLS Grades 9-12 ¼ credit per semester

Prerequisite: Meeting with special education teacher, parent, and student. Curriculum for this class is comprised of individual education plans or other plans in which students have specific goals identified that cannot be achieved without such assistance in the academic setting. It focuses on routine study skills, organization of school materials, preparedness, skills work (as identified by his/her plan), homework, and behavior. Offered on a pass/fail basis.

913 LIFE SKILLS Grades 9-12 ½ credit

Prerequisite: Meeting with special education teacher, parent, and student. Curriculum for this class is comprised of individual education plans or other plans in which students have specific goals identified that cannot be achieved without such assistance in the academic setting. It focuses on basic household chores, budgeting, cooking, shopping, community services, preparation for post-school living. Offered on a pass/fail basis.

908 FRESHMAN SEMINAR Grade 9 1 credit

The first year seminar is a cornerstone course through which students begin to build the repertoire of intellectual skills needed for high school-level work. Semester 1, assignments and activities will introduce all of the skills necessary for academic success, but special emphasis will be given to critical thinking, conducting research, working with information technology, writing, speaking, listening and collaborating with others. Semester 2, will consist of community service learning and citizenship units. All first year students, including students transferring in with less than five credits are required to complete this class. Enrollment limited to 25.

J. OLIVA HUOT TECHNICAL CENTER—LACONIA

An application is required for all courses.

Career and technical education is a curriculum designed to provide knowledge and technical expertise in various career pathways. It involves the development of an individual's abilities and understanding of attributes that result in future employment or pursuit of post-secondary educational opportunities which includes both the two and four-year level. All programs articulate with at least one college to provide students with advanced placement, college credit through dual enrollment in some programs, and qualified admission.

Students receive a great deal of laboratory experience in settings that simulate business, industry, and community resources. Classroom theory and related instruction is provided to enhance learning. There are opportunities for participation in a variety of activities that are available through student leadership groups. Students may also be eligible for and participate in career experiences and internships available within the business community. Programs generally are two semesters and receive two credits. *All the Manufacturing and Engineering Technology courses are one semester and one credit each.* Entrance to the second level of any career and technical program is conditional upon attaining a grade of C/75% or better in the first level or with prior administrative approval. Most programs are available for juniors and seniors. Males and females are strongly encouraged to explore enrollment in any program of interest.

Business Programs

Career Clusters: Business Management Administration, Finance and Marketing

736 BUSINESS TECHNOLOGY (Comprehensive/Accelerated) Level 2 Grades 10-12 2.5 credits

Business Technology is a course in which students learn how today's businesses function using the internet, current business software (electronic mail, word processing, spreadsheets, presentation software, and database applications), and office equipment. Employment procedures, records management, business correspondence, and ethics are also studied. Students will have the opportunity to gain skills leading to MOUS (Microsoft Office User Specialist) certification and earn four college credits in Software Applications through Lakes Region Community College. **This course meets the WRHS ICT requirement.**

739 BUSINESS MANAGEMENT (Comprehensive/Accelerated) Level 2 Grades 10-12 2.5 credits

The Business Management program provides students with skills and knowledge needed to open, operate, and manage a small business. Students will learn about management techniques, human resources, entrepreneurship, marketing, finance, research, business plans, business ethics, and international business. Students will help run the school store, and are exposed to local businesses while developing employability, leadership, problem-solving, and teamwork skills. Students have the opportunity to earn three college credits in Introduction to Business through Lakes Region Community College. **This course meets the WRHS ICT requirement.**

738 FINANCIAL MANAGEMENT (Comprehensive/Accelerated) Level 2 Grades 10-12 1.25 credits

The Financial Management program provides students with the opportunity to investigate the world of personal and business finance. Students examine personal and business finance, principles of investing, private and commercial lending, business communications, law and banking, marketing, customer service, and employability skills. The program provides real teller experience through the Huot Branch of the Laconia Savings Bank located in the classroom. Priority is given to seniors. This class fulfills an economics credit. Students have the opportunity to earn 3 college credits in Personal Finance through Lakes Region Community College. Note: Students may participate in Future Business Leaders of America and leadership activities in all classes.

Engineering Programs

756 INTRODUCTION TO ENGINEERING DESIGN (Comprehensive/Accelerated) Level 1 Grades 9-12 1.25 credits

Students develop problem-solving skills using Solid Works Autodesk Inventor software with an emphasis placed upon the concept of developing a 3-D model or solid rendering of an object. State of the art computer hardware and software will be used to emphasize design development processes and computer aided drafting and design. Requisite: Concurrent enrollment in college-level preparatory mathematics if not already taken. The fine art requirement can be met by this course. This class may be taken multiple times for additional credit. Students may contract to take this course for Honors credit. **This course meets the WRHS ICT requirement.**

757 PRINCIPLES OF ENGINEERING (Comprehensive/Accelerated) Level 1 Grades 9-12 1.25 credits

This is a survey course designed to help students understand the field of engineering and engineering technology. Various engineering systems and manufacturing processes will be explored. The main goal is to experience theory and hands-on problem solving activities to learn what engineering is all about. Requisite: Concurrent enrollment in college-level preparatory mathematics if not already taken. This class may be taken multiple times for additional credit. Students may contract to take this course for Honors credit. **This course meets the WRHS ICT requirement.**

760	BIOTECHNOLOGY (Comprehensive/Accelerated/Honors) <i>Career Cluster: Science, Technology, Engineering and Math</i>	Level 1	Grades 10-12	2.5 credits
------------	---	----------------	---------------------	--------------------

Biotechnology provides students with authentic laboratory experiences to explore careers as a researcher, geneticist, biochemist, epidemiologist, forensic scientist, pharmacist, or doctor among others. The field of biotechnology is the practice of using plants, animals, and microorganisms to create some benefit usually in a medical, health science, or agricultural field. Students learn about DNA and genetics, microbiology, genetic engineering, cellular and molecular biology, biochemistry, and immunology. The use and application of advanced laboratory techniques and equipment that replicate the work being done by biotechnology and pharmaceutical companies around the world will be taught. Prerequisites: Successful completion of Physical Science, Biology and Algebra I.

Manufacturing Engineering Technology (MET)

Career Clusters: Manufacturing & Science, Technology, Engineering and Math

You will have the opportunity to learn how to design and develop products using solid modeling software and CNC machinery. You will learn about proper and safe use of different computer- controlled precision manufacturing operations. There are opportunities for students to pursue various career pathways within this broad area of instruction which include; mechanical, industrial, electronic, civil and architectural engineering. The program articulates with various community colleges and students have the opportunity to receive certification from the American Drafting Design Association, a Master CAM Associate Level Certification, and Certified Solid Works Associate Certificate.

754	MANUFACTURING ENGINEERING TECHNOLOGY 1 (Comprehensive/Accelerated)	Level 2	Grades 9-12	1.25 credits
------------	---	----------------	--------------------	---------------------

You will learn about the proper and safe use of different computer-controlled precision manufacturing operations and how the design process works using Solid Works software.

755	MANUFACTURING ENGINEERING TECHNOLOGY 2 (Comprehensive/Accelerated)	Level 2	Grades 9-12	1.25 credits
------------	---	----------------	--------------------	---------------------

You will continue to learn about the proper and safe use of different computer-controlled precision manufacturing operations and how the design process works using Solid Works software.

760	INTRODUCTION TO ENGINEERING DESIGN (Comprehensive/Accelerated)	Level 1	Grades 9-12	1.25 credits
------------	---	----------------	--------------------	---------------------

Students develop problem-solving skills using Solid Works Autodesk Inventor software with an emphasis placed upon the concept of developing a 3-D model or solid rendering of an object. State of the art computer hardware and software will be used to emphasize design development processes and computer aided drafting and design. Requisite: Concurrent enrollment in college-level preparatory mathematics if not already taken. The fine art requirement can be met by this course. This class may be taken multiple times for additional credit. Students may contract to take this course for Honors credit.

761	PRINCIPLES OF ENGINEERING (Comprehensive/Accelerated)	Level 1	Grades 9-12	1.25 credits
------------	--	----------------	--------------------	---------------------

This is a survey course designed to help students understand the field of engineering and engineering technology. Various engineering systems and manufacturing processes will be explored. The main goal is to experience theory and hands-on problem solving activities to learn what engineering is all about. Requisite: Concurrent enrollment in college-level preparatory mathematics if not already taken. This class may be taken multiple times for additional credit. Students may contract to take this course for Honors credit.

735	OPEN ENGINEERING (Comprehensive/Accelerated)	Level 1	Grades 9-12	1.25 credits
------------	---	----------------	--------------------	---------------------

This is a course designed to give students the opportunity to explore and or advance in several specialty areas of engineering – Architectural, Landscape Design, Mechanical, Industrial Design, Advanced Robotics and Aeronautics. It is the intent of the open engineering course to expand a student’s learning experience beyond the normal classroom setting. The Open Engineering course will require students to be self-motivated and organized to maintain productivity with completion of a detailed, accurate, hand written portfolio of activities. Students may contract to take this course for Honors credit.

762	CAPSTONE MANUFACTURING ENGINEERING TECHNOLOGY	Level 1	Grades 11-12	1.25 credits
------------	--	----------------	---------------------	---------------------

The CAPSTONE project enables you to further your knowledge/skill in one of the career pathways which you have found or believe to be especially interesting or beneficial to you. The project represents a significant portion of your final grade for the course and is therefore expected to represent attainment of advanced knowledge/skill levels in the selected topic. It will be necessary for you to create a computer-based presentation of your project at the end of the semester.

Technical Programs

740	CULINARY ARTS I (Comprehensive/Accelerated)	Level 1	Grades 10-12	2.5 credits each
741	CULINARY ARTS II (Comprehensive/Accelerated) <i>Career Cluster: Hospitality & Tourism</i>			

This two-year program is for students interested in the study and preparation of commercial foods so they may enter directly into the culinary field or seek advanced education. Students are taught how to operate the equipment commonly found in a restaurant or cafeteria and participate in formal functions in the American Spirit Dining Room. A variety of food items are prepared to teach knowledge and skills in a Culinary Arts field. College credit can be earned through Lakes Region Community College Running Start in the courses of: Introduction to Hot Foods and Catering.

742	HEALTH SCIENCE & TECHNOLOGY I (Comprehensive/Accelerated)	Level 1	Grades 10-12	2.5 credits each
743	HEALTH SCIENCE & TECHNOLOGY II (Accelerated) <i>Career Cluster: Health Science</i>			

Students who enter this career pathway will learn CPR, first aid, medical terminology, anatomy and physiology and many other health care skills. You will explore a variety of health careers options. Observation hours required for college admission can be done through this class. Students practice hands-on skills in the classroom and at local health care facilities. You may participate in a clinical field site experience designed to meet your career interests. You have the option to complete a state approved (LNA) Licensed Nursing Assistant course. You may obtain up to eight college credits for a small fee through the Project Running Start Program by completing Nursing Assistant offered at Lakes Region Community College or Introduction to Exercise Science through Manchester Community College. Students may contract to take this course for Honors credit.

744	Building Construction I (Comprehensive/Accelerated)	Level 1	Grades 10-12	2.5 credits each
745	Building Construction II (Comprehensive/Accelerated) <i>Career Cluster: Architecture & Construction</i>			

This is a two-year program providing entry-level skills in the area of residential and light commercial building construction. Construction tools and equipment are used to learn and practice the many skills that are necessary for residential construction career fields. You will build storage buildings and other small wooden structures and related projects which are built for area residents. The second level students are involved in the off-campus construction sites for various community organizations. Opportunities to become members of the Lakes Region Home Builders and Remodeler's Association will be available. The program articulates with Central Maine Community College.

746	MULTIMEDIA COMMUNICATIONS I (Comprehensive/Accelerated)	Level 1	Grades 10-12	2.5 credits each
747	MULTIMEDIA COMMUNICATIONS II (Comprehensive/Accelerated) <i>Career Cluster: Arts, A/V Technology and Communication</i>			

The fundamentals of TV and radio production, web site design, broadcasting, and print advertising will be taught. Students will learn about basic audio and video equipment, integrated computer graphics, electronic field production, and digital editing techniques. Scriptwriting, lighting set-up, and audio production will also be covered. Local events within the schools and communities will be produced for the local community access television for viewing by community groups, coordinating with Lakes Region Public Access Television. Students are expected to complete an off-site field experience or a portfolio. This is a high technology program for the creative student. The program articulates with New England School of Communications. This course meets the WRHS ICT requirement.

748	AUTOMOTIVE TECHNOLOGY I (Comprehensive/Accelerated)	Level 1	Grades 10-12	2.5 credits each
749	AUTOMOTIVE TECHNOLOGY II (Comprehensive/Accelerated) <i>Career Cluster: Transportation, Distribution and Logistics</i>			

Automotive Technology will allow the students to learn about maintenance, diagnosis, and repair of the many complex systems of the automobile (e.g., electrical, cooling, suspension, fuel, etc.). Each system is approached by starting with basic theory, parts identification and complete understanding of the function of each system and its relationship and use in the automobile. Shop time will be used to apply the knowledge of the classroom theory by allowing students to do actual hands-on repair on their own vehicles as well as "live" vehicles to work on. Competitions and an internship program are also offered to the students who wish to participate. The program is nationally accredited by the NATEF organization. An entry interview is required prior to admission. College credit can be earned through LRCC Project Running Start in Automotive Systems. The program also articulates with Central Maine Community College. This course meets the WRHS ICT requirement.

750	EARLY CHILDHOOD EDUCATION I (Comprehensive/Accelerated)	Level 1	Grades 10-12	2.5 credits each
751	EARLY CHILDHOOD EDUCATION II (Comprehensive/Accelerated) <i>Career Cluster: Education & Training</i>			

The Early Childhood Education Program/Careers in Education is a nationally accredited (NAEYC) two-year program designed for students who are interested in working with children of various ages in educational settings and other professional fields. Students pursuing degrees in elementary education, child psychology, speech/language, OT, etc. may also wish to enroll. These skills are developed as theories and then put into practical application when the students are placed in community field sites or the Child Development Center of the Huot Technical Center. Students learn various activities that improve upon the cognitive, physical, social/emotional, and language development of children. Students also participate in activities of the national FCCLA organization, which stresses leadership skills and community service. Eleven (11) college credits may be earned through Lakes Region Community College Project Running Start for three courses for a small fee and a grade of at least 85%. This course meets the WRHS ICT requirement.

752	PLUMBING AND HEATING I (Comprehensive/Accelerated)	Level 1	Grades 10-12	2.5 credits each
753	PLUMBING AND HEATING II (Comprehensive/Accelerated) <i>Career Cluster: Architecture & Construction</i>			

This is a two-year program designed to provide the student with an understanding and appreciation of the plumbing and heating trade. The program will include residential and industrial work standards. Students will gain knowledge of plumbing and heating, its tools and equipment, and become familiar with the codes relating to the plumbing and heating trades. Skills to be studied include work with copper tubing, plastic pipe and fittings, soldering, pipe threading, solar and other alternative energy sources, work from prints, cost estimating procedures and various heating systems. Students receive experiences in off-campus building projects. Upon completion of the course you are eligible to enter into the second year of the New Hampshire Apprenticeship Program.

762	Law Enforcement (Comprehensive/Accelerated) <i>Career Cluster: Law, Public Safety, Corrections & Security</i>	Level 1	Grade 12	1.25 credits
-----	---	---------	----------	--------------

Students completing this course will recognize the social and political influences that contribute to law enforcement and how law enforcement is a critical partnership between citizens and the justice system. Particular attention will focus on the overview of the Laconia Police Department, goals, characteristics and culture of policing as well as the challenges of policing within the law (For example, apprehending criminals without violating their constitutional rights). Students will recognize the significant issues involved in policing, including discretion, discrimination, racial profiling, use of force, pursuit, liability, corruption and ethics. Major emphasis will be placed on police investigative and reporting techniques. Each learning experience will require students to be active participants, disciplined listeners, critical thinkers, as well as effective writers and public speakers.

Pre Technical Programs

This is a pre- technical education program that will teach experiences related to cooking, childcare, and health. Students will be selected by referral through the Huot's Learning Center Coordinator and following completion of a career and technical education assessment. This is a pre-technical education program focusing on employability skills. Special Requirements: By recommendation of IEP team. This class may be taken multiple times for additional credit.

759	HUMAN SERVICE AND CULINARY TECH CAREERS <i>Career Clusters: Human Services and Hospitality & Tourism</i>	Level 2	Grades 9-10	2.5 credits
-----	--	---------	-------------	-------------

This course teaches students about the areas of food service, hospitality, and careers in human services, including employability skills, depending upon interest and goals. It is designed primarily for freshmen and sophomores who are interested in pursuing a 3-year sequence in programs in Culinary Arts, Early Childhood Education, or the health sciences.

Notes: Students who successfully complete two years of a career and technical education program may be eligible for specific embedded credits applied towards high school graduation requirements. Check with your school counselor.

The Laconia School Board and Huot Technical Center do not discriminate in the administration of our educational programs, activities, or employment practices on the basis of race, color, national origin, age, gender, handicap, religion, disability, sexual orientation, marital status, or pregnancy. This statement is a reflection of the mission of the Laconia School District and refers, but is not limited to, the provisions of the following laws: Title VI and VII of the Civil Rights Act of 1964; Title IX of the Education Amendment of 1972; The Americans with Disabilities Act of 1975; The Age Discrimination Act of 1967; Section 504 of the Rehabilitation Act of 1973; NH Law Against Discrimination (RSA 354-A); State Rule: Ed. 303.01 (i), (j), (k)

Inquiries regarding discrimination and Laconia School District's compliance with regulations implementing these laws may be directed to: Robert Champlin, Superintendent, SAU 30, 39 Harvard Street, Laconia, NH 03246, telephone number (603)-524-5710. The Title IX Coordinators are Cathy Weigel who can be reached at the Huot Technical Center, 345 Union Avenue, Laconia, NH 03246, telephone number (603)-528-8693, extensions 125. The 504 Coordinator is Tina Woodbury, Learning Center Coordinator, who can be reached at Laconia High School, 345 Union Avenue, Laconia, NH 03246, telephone number (603)-524-3350, extension 127.