

# 2016-2017 MVHS PROGRAM OF STUDIES

## TABLE OF CONTENTS

2.....	Introduction/Graduation Requirements
3.....	Grade 9 Registration Form
4.....	Grade 10-11-12 Registration Form
5.....	English Department
7.....	Math Department
11.....	Science Department
13.....	Social Studies Department
15.....	Art Department
17.....	Music Department
19.....	World Languages
20.....	Family Studies Department
21.....	Health Department
22.....	Physical Education
24.....	Technology
26.....	Region 9 School of Applied Technology

The next few pages have been prepared to help you as you begin to make plans for high school and the years to follow. It is important to thoughtfully select your high school courses with the future in mind. After reviewing the information below, take a moment to answer the questions on the following page to determine where your interests and abilities lie.

**Choosing a Program of Studies**

All students must take a minimum of 7 courses each year reaching a minimum of 24 credits to graduate. All grade eleven (third year) students must complete required state assessments prior to graduation.

**Graduation Requirements**

English	4 credits	Phys. Ed.	1 credit
Math	4 credits	Electives	5.5 credits
Science	4 credits	Homeroom Advisory Program	
Social Studies	4 credits	9 <sup>th</sup> Grade Competencies **	
Fine Arts***	1 credit	Computer Literacy*	
Health	.5 credit		

\*Most students will have satisfied the Computer Literacy requirements in their 8th grade year.

\*\*Grade level math and reading demonstrated by student performance on the NWEA scoring 225 or higher.

\*\*\*Fine Arts classes include: High School Band, Pep Band, Audio Engineering, High School Chorus, Introduction to Guitar, Basic Art 2D and 3D, Intermediate Art 2D and 3, Advanced Art Drawing, Advanced Art Painting, Advanced Art Sculpture, Advanced Art Ceramics, Advanced Art Studio, Ceramics, Theater Arts, AP European History, Quilting 1 & 2, Culinary Arts, Creative Writing: Building Worlds, Digital Photography, Analog Photography, The Art of Architecture and Yearbook.

**9TH GRADE**  
Required Courses  
 English  
 Social Studies 1  
 Math  
 Physical Science  
 Health (trimester)  
 Phys. Ed. (trimester)  
 Maine Tutor Corps

**10TH GRADE**  
Required Courses  
 English  
 Math  
 Biology  
 Phys. Ed. (trimester)  
 Social Studies 2  
 Fine Arts (completed by sophomore year)

**11th GRADE**  
Required Courses  
 English  
 Social Studies 3  
 Math  
 Chemistry

**12th GRADE**  
Required Courses  
 English  
 Social Studies 4G (trimester)  
 Social Studies 4E (trimester)  
 Physics  
 Math

- **You must earn at least 4 credits in each of the core content areas during your high school career. No credit earned prior to entering high school will be allowed to replace a core content area credit requirement.**

**POST-SECONDARY EDUCATIONAL REQUIREMENTS**

If you would like to pursue a career that requires a **4-year degree**, you should plan to include the following coursework in high school:

- ❖ 4 years of college mathematics including Algebra 2
- ❖ 2 or more years of ONE foreign language
- ❖ related electives
- ❖ competitive programs expect 4 years of foreign language and multiple AP or College courses

**MOUNTAIN VALLEY HIGH SCHOOL NINTH GRADE  
COURSE REGISTRATION FORM 2016-2017**

STUDENT'S NAME: \_\_\_\_\_ HOME PHONE: \_\_\_\_\_  
 GRADE: \_\_\_\_\_ ID NO: \_\_\_\_\_

Next year I would like to take the following courses:

<u>COURSE TITLES</u>	<u>CREDITS</u>	<u>COURSE NUMBERS</u>
English	1.00	101
Social Studies 1	1.00	201
Health	.50	975
Physical Education	.50	900
Math	1.00	
Science	1.00	
Elective		
Maine Tutor Corps		

---



---



---



---



---



---

TOTAL CREDITS: \_\_\_\_\_

We hope that you and your parents will have consulted with your teachers and guidance counselors to help you make your course selections for next year. The parent's signature at the bottom of this sheet indicates that your parent(s) approve(s) the courses that you have listed above. If there are any questions about the course selections, please call the Guidance Secretary at 364-4547 extension 7122.

Parents, if you would like to share any new medical information on your child, which you feel the school should be aware of and is not presently on the school health record, please indicate at the bottom of this paper and the school nurse will contact you.

Medical information: \_\_\_\_\_  
 Parent's Signature : \_\_\_\_\_

- **Additional courses are offered through the University of Maine at Augusta, University of Maine at Fort Kent, Central Maine Community College, AP4all, Virtual High School, Tandberg Video conferencing and PLATO. For additional information see your guidance counselor.**



## ENGLISH DEPARTMENT

The goal of English Language Arts at Mountain Valley High School is to instill in our students the life-long skills of reading, writing, speaking, and listening.

### **ENGLISH 9 Part 1, HS101 and Part 2, HS104:**

This course is designed to coincide with units and themes related to freshman social studies. Literature selections are Romeo and Juliet, Julius Caesar, The Odyssey, To Kill a Mockingbird, and The 5 People You Meet in Heaven. Assessment is writing and performance based, though traditional assessments will be given. Grammar and study skills are reviewed as needed, and a formal program is used to improve student vocabulary. Research papers and the research process are introduced.

***Trimester course – .5 credit***

### **HONORS ENGLISH 9 Part 1, HS119 and Part 2, HS103:**

This course is designed to cover many of the same units and themes of English 9, but with more rigor and increased expectations for student performance. Students enrolled in Honors English 9 should be motivated to develop their reading and writing skills to ensure success in future English Advanced Placement classes. Research skills, vocabulary development and multiple genres of writing will be emphasized throughout the course.

***Trimester course- .5 credit/weight 1.03***

### **ENGLISH 10 Part 1, HS113 and Part 2, HS130:**

This English course reinforces basic reading and writing skills. Novels and reading maintain a focus on themes of World Literature and multiple cultures that students will compare to their own. Required reading includes Lord of the Flies and/or a Dystopian novel, Macbeth, and Night. Students will also read a variety of literature and informational texts. Students are required to write a variety of pieces (essays, research papers, short stories, etc.) and utilize the writing process to refine their work. Practice for the PSAT is included. A formal program is used to improve student vocabulary.

***Prerequisite: Successful completion of English 9***

***Trimester course – .5 credit***

### **PRE-AP SOPHOMORE ENGLISH Part 1, HS114 and Part 2, HS132:**

This class is open to any student who wants to be challenged and/or those planning on attending college after high school. This class prepares students for AP Language and AP Literature and other advanced English classes later in their high school career and beyond. Students who choose to take this class should be motivated and show evidence of good reading and writing skills. This course will develop students' literacy and critical thinking skills. Research skills, challenging literature, vocabulary and the study of style are integrated throughout the course. A summer reading assignment is possible.

***Prerequisite: Successful completion of English 9 or Honors English 9***

***Trimester course – .5 credit/weight 1.1***

### **ENGLISH 11 Part 1, HS123 and Part 2, HS131:**

Students in this course will study American Literature which reflects themes present throughout American history. The reading selections cover American classic novels, drama, short stories, poetry and non-fiction. Writers may include Mark Twain, Ernest Hemingway, John Steinbeck, F. Scott Fitzgerald, and Arthur Miller, among others. Preparation for the SAT is included on a regular basis and is emphasized throughout the course. A formal program is used to improve student vocabulary.

***Prerequisite: Successful completion of English 10***

***Trimester course – .5 credit***

### **AP LANGUAGE AND COMPOSITION HS110:**

***This course is available to juniors only.*** AP Language and Composition is a college level course that will help students become flexible writers and readers who can compose in a variety of modes for a variety of purposes. Both their reading and writing should make them aware of the interaction between authorial purpose, audience needs, generic conventions, and the resources of language: syntax, word choice, tone. Expository, analytical, and argumentative essays will be emphasized. Readings will include biographies, critical essays, fiction, and political

writings. Students will be expected to take the AP exam in English Language and Composition. SAT and AP exam practice is included on a regular basis. **All students will take the Advanced Placement Exam.**

**Pre-requisite: Enrollment is limited. Students will be approved by the instructor.**  
**Full year course – 1.5 credit/weight 1.1**

The English department believes that it is vitally important for students to take a full year of English their senior year in order to prepare them for post-secondary work.

**ENGLISH 12 Part 1, HS133 and Part 2, HS141:**

Senior English will focus on several thematic units where classics are paired with contemporary works to emphasize multiple connections with student life, world issues and literature. Themes may include The Search for Self, The Mixed Blessings of Technology, Love and Relationships, The Hero and War and Peace. Writing will consist of a variety of pieces, including argument, informational, analysis and narratives. A formal program is used to improve student vocabulary.

**Pre-requisite: Successful completion of English 11**  
**Trimester course – .5 credit**

**AP LITERATURE AND COMPOSITION HS134:**

AP English is designed to challenge outstanding students of English with literature and writing assignments on a college level. The content of the course is based on three large themes: Who Am I, Anyway? The Choice between Good and Evil, and Life, Death and the Afterlife. A high level of accomplishment in critical and analytical thinking and writing is also an integral part of the course. A great deal of writing demand is expected of the student. At the conclusion of the yearlong course, students will take the AP exam in English Literature and Composition. A qualifying grade can mean advanced placement in university courses and/ or college credit. **All students will take the Advanced Placement exam. This is a dual enrollment class through UMFK. Successful completion of the class will earn 6 college credits.**

**Prerequisite: Enrollment is limited. Students will be approved by the instructor. Students may not take this course if they have failed English in a previous year.**  
**Full year course – 1.5 credit available to seniors only/weight 1.1**

**CREATIVE WRITING - BUILDING WORLDS HS140:**

Do you like to write? Would you like to create a shared sci-fi/fantasy world and populate it with your creatures, characters, plants, history and legends? In this course, we will create a world, determine its' name, cosmology, and magic system. Each student will get a region to populate with people, customs, legends, history, zoology/biology, dress and rituals. Students will create narratives, at least one of which will be based on the Hero's Quest, and students will work individually and cooperatively. This world will continue to grow and change throughout the semester.

Be prepared to:

- 1) Talk about your ideas.
- 2) Listen to other ideas and give constructive criticism.
- 3) **Write, write, write, write, write, write, write.**
- 4) Revise and edit your work and the work of others.
- 5) Share what you have written with classmates and others in an online collaborative format.
- 6) Read great examples of Fantasy or Sci-Fi literature (at least 4 books).

**Trimester course – .5 credit/Fine Arts**

**THEATER ARTS HS102:**

The goal of this course is to introduce the student to the many facets of acting and the theatre. The course will explore the technical aspects as well as the more visible arts of acting and directing. Through this course students will be exposed to many kinds of theatre and to the many types of work that go into making a good production.

**Trimester course –.5 credit/Fine Arts**

**SPORTS AND CULTURE HS126:**

This course is designed for students who enjoy reading about, watching and participating in sports. In this course we will learn more about sports figures, athletes, coaches, and others involved in the sports world, both "yesterday" and

“today.” Topics covered may include: sports hero archetypes, sports as character building, and the importance of sports to our society and culture. We may read books and/or poetry about sports or sporting figures, view sports themed movies or TV shows, and watch or read about current sporting events and figures.

**Trimester course – .5 credit/elective**



#### MATH DEPARTMENT

“The need to understand and be able to use mathematics in everyday life and in the workplace has never been greater and will continue to increase.”—National Council of Teachers of Mathematics

#### **ALGEBRA 1-9 Part 1, HS322 and Part 2, HS321**

Algebra 1-9, Part 1 and Part 2 are the first half of a two-year course that provides a formal development of the algebraic skills and concepts necessary for students to succeed in future math and science courses. In particular, the instructional program of this course provides the foundational base necessary for the use of algebraic skills in a wide range of problem-solving situations. Foundational algebra is the focus of this first course, as well as the development of expressions, equations, and inequalities. An introduction to interpreting functions and basic statistics is also included.

- ✓ **MATERIALS:** Students are strongly encouraged to provide a graphing calculator and a large three-ring binder with dividers.
- ✓ **EXPECTATIONS:** Students will come to class prepared with all necessary materials.
- ✓ **HOMEWORK:** Homework will be assigned each class and is expected to be completed prior to the next class.

***Prerequisite: Proficiency in all standards set forth by RSU #10, K-8, and successful completion of 8<sup>th</sup> grade math.***

***Trimester course – .5 credit***

#### **ALGEBRA 1-10 Part 1, HS321 and Part 2, HS351**

Algebra 1-10, Part 1 and Part 2 are the second half of a two-year course that continues to build upon the foundational algebra skills developed in course one. Students will continue to build algebraic skills with express, equations, inequalities, functions and statistics. Students will be able to build and interpret linear functions and solve systems of linear equations.

- ✓ **MATERIALS:** Students are strongly encouraged to provide a graphing calculator and a large three ring binder with dividers.
- ✓ **EXPECTATIONS:** Students will come to class prepared with all necessary materials.
- ✓ **HOMEWORK:** Homework will be assigned each class and is expected to be complete prior to the next class.

**Prerequisite:** *Proficiency in all standards set forth by RSU #10, K-9, and successful completion of Algebra 1-9 Trimester course – .5 credit*

**HONORS ALGEBRA 1 Part 1, HS340 and Part 2, HS349:**

Students will learn in depth the following topics, equations and inequalities, graphing, informal geometry, probability, data analysis, and will touch upon quadratics, exponents, formulas, functions, systems, radicals, polynomials, and trigonometry. Since this course is more in depth and moves at a quicker pace, it is expected that the students will practice exemplary work habits and study skills. This course is recommended for the math-focused student.

- ✓ **MATERIALS:** Students are strongly encouraged to provide a graphing calculator and a large three-ring binder.
- ✓ **EXPECTATIONS:** Students will be expected to come to class prepared and bring all necessary materials.
- ✓ **HOMEWORK:** Homework will be assigned each class and will be equivalent to the length of the class.

**Prerequisite:** *Proficiency in all standards set forth by RSU #10, K-8, and successful completion of 8<sup>th</sup> grade math with a GPA of 3.2 or higher and a score of 235 or higher on the spring NWEA. Student must also complete required summer course work as well as pass the pre-assessment with 85% plus proficiency. The pre-assessment will be given on the first school day.*

**Trimester course – .5 credit/weight 1.03**

**GEOMETRY Part 1, HS331 and Part 2, HS300**

This course is designed to help students discover, learn and apply geometry. This course will present the same geometry concepts presented in Honors Geometry without the rigor of formal proof or the pace.

- ✓ **MATERIALS:** Students are strongly encouraged to provide a graphing calculator and a large three-ring binder.
- ✓ **EXPECTATIONS:** Students will come to class prepared with all necessary materials.
- ✓ **HOMEWORK:** Homework will be assigned each class and will be equivalent to the length of the class.

**Prerequisite:** *Proficiency in all standards set forth by RSU #10, K-10, and successful completion of Algebra 1-9 and Algebra 1-10.*

**Trimester course – .5 credit**

**HONORS GEOMETRY Part 1, HS330 and Part 2, HS305:**

This is a demanding course in traditional Euclidean plane and solid geometry. Topics will include all that are listed in Geometry but in greater depth and detail. This is a course for well-motivated and high achieving students.

- ✓ **MATERIALS:** Students are strongly encouraged to provide a graphing calculator and a large three ring binder.
- ✓ **EXPECTATIONS:** Students will come to class prepared with all necessary materials.



**HOMEWORK:** Homework will be assigned each class and will be equivalent to the length of the class.

**Prerequisite:** Proficiency in all standards set forth by RSU #10, through Honors Algebra 1, and a score of 245 or higher on the spring NWEA. Student must also complete required summer course work as well as pass the pre-assessment with 85% plus proficiency. The pre-assessment will be given on the first school day.

**Trimester course – .5 credit/weight 1.03**

**ALGEBRA 2 Part 1, HS342 and Part 2, HS350**

*Algebra II* is a course that extends the content of Algebra I and provides further development of the concept of a function. Topics include: (1) relations, functions, equations and inequalities; (2) conic sections; (3) polynomials; (4) algebraic fractions; (5) logarithmic and exponential functions; (6) sequences and series; and (7) counting principles and probability.

- ✓ **MATERIALS:** Students are strongly encouraged to provide a graphing calculator and a large three-ring binder.
- ✓ **EXPECTATIONS:** Students will come to class prepared with all necessary materials.
- ✓ **HOMEWORK:** Homework will be assigned each class and will be equivalent to the length of the class.

**Prerequisite:** Successful completion of Algebra 1-9, Algebra 1-10, and Geometry

**Trimester course – .5 credit**

**HONORS ALGEBRA 2 Part 1, HS341 and Part 2, HS302:**

This course reviews and expands upon topics studied in Algebra 1, and also introduces several new topics such as quadratic, exponential, inverse, and logarithmic functions, matrices, and exploration of the Texas instrument TI-83 Plus graphing calculator. Problem solving and critical thinking skill development are fundamental objectives of this course.

- ✓ **MATERIALS:** Students are expected to provide a graphing calculator and a large three-ring binder.
- ✓ **EXPECTATIONS:** Students will be expected to come to class prepared and to bring all necessary materials.
- ✓ **HOMEWORK:** Homework will be assigned each class and will be equivalent to the length of the class.

**Prerequisite:** Successful completion of Honors Algebra 1 and Honors Geometry with teacher recommendation and a NWEA score of 235 or higher

**Trimester course – .5 credit/weight 1.03**

**HONORS PRE-CALCULUS Part 1, HS352 and Part 2, HS304:**

This honors course provides a strong background for the students' further studies in mathematics and applied fields, including calculus. An interwoven review and extension of Algebra II topics includes the function as the underlying and unifying concept. Other topics include exponential, logarithmic, and trigonometric functions.

Pre-Calculus continues the earlier algebra and geometry emphasis on conceptual understanding, multiple representations and connections, mathematical modeling, and problem solving. Graphical representations continue to play an important connecting theme and thus frequent use of graphing utilities will be emphasized!

- ✓ **MATERIALS:** Students are expected to provide a graphing calculator and a large three-ring binder.
- ✓ **EXPECTATIONS:** Students will be expected to come to class prepared and to bring all necessary materials.
- ✓ **HOMEWORK:** Homework will be assigned each class and should be approximately equivalent to the length of the class.

**Prerequisite:** Successful completion of Honors Algebra 1, Honors Geometry & Honors Algebra 2 or teacher recommendation

**Trimester course – .5 credit/weight 1.03**

**AP CALCULUS HS354:**

This course assumes reasonable mastery of concepts and skills discussed and applied in Algebra 1, Geometry, Algebra II, and Pre-calculus. The key concepts introduced, interwoven, and applied throughout the course included: elementary functions, limits and continuity, the derivative, the anti-derivative, the definite integral, and the logarithmic and

exponential functions. Considerable effort is given to facilitate mastery of all topics via real-world applications and connections, specifically including many geometric, economic, biological, chemical, and physics concepts applications. **All students will take the Advanced Placement exam.**

- ✓ **MATERIALS:** Students are expected to provide a graphing calculator and a large three-ring binder.
- ✓ **EXPECTATIONS:** Students will come to class prepared with all necessary materials.
- ✓ **HOMEWORK:** Homework will be assigned each class and will be equivalent to the length of the class.

**Prerequisite: Successful completion Honors Pre-calculus**  
**Trimester course – 1.5 credit/weight 1.1**

### **STATISTICS, HS353**

This course will explore probability, describing distributions, scatter-plots, correlation, linear regression, understanding randomness, gathering data, probability, sampling, confidence intervals, how to make inferences, and compare means of data. The course will teach students how to communicate methods, results, and interpretations using the vocabulary of statistics. Students will learn how to use graphing calculators to enhance the development of statistical understanding through exploring and analyzing data, assessing models, and performing simulations. Students will draw connections between all aspects of the statistical process, including design, analysis, and conclusions.

- ✓ **MATERIALS:** Students are strongly encouraged to provide a graphing calculator and a large three ring binder with dividers.
- ✓ **EXPECTATIONS:** Students will come to class prepared with all necessary materials.
- ✓ **HOMEWORK:** Homework will be assigned each class and is expected to be complete prior to the next class.

**Prerequisite: Successful completion of Algebra 1-9, Algebra 1-10, Geometry, Algebra 2, or Honors Pre-Calculus**  
**Trimester course - .5 credit**

### **PERSONAL FINANCE HS346**

Personal Finance is a course designed to help students understand the impact of individual choices on occupational goals and future earnings potential. Real world topics to be covered will include: income, money management, spending and credit, as well as saving and investing. Students will design personal and household budgets and simulate the use of checking and savings accounts. Students will demonstrate knowledge of finance, debt, and credit management. This course will provide a foundational understanding for making informed personal financial decisions, including insurance and taxes.

- ✓ **MATERIALS:** Students are strongly encouraged to provide a graphing calculator and a large three ring binder with dividers.
- ✓ **EXPECTATIONS:** Students will come to class prepared with all necessary materials.
- ✓ **HOMEWORK:** Homework will be assigned each class and is expected to be complete prior to the next class.

**Prerequisite: Successful completion of Algebra 1-9, Algebra 1-10, Geometry, Algebra 2, or Honors Pre-Calculus**  
**Trimester course – .5 credit**



#### **SCIENCE DEPARTMENT**

“Our mission is to provide every student with the tools and the knowledge to become a well-rounded, critically thinking, scientific problem-solving and technologically advanced successful member of the school and citizen of the community.”

Students have two courses of study they can follow in the sciences. The first course of study begins with physical science and includes regular biology, chemistry, and physics. It will take four years to complete this course of study. The second course of study is designed for students with a strong aptitude for science. It is an Honors course of study that usually involves a student who takes two Science courses in a year in order to get to an advanced course as a senior. For example, a student may take Physical Science and Biology as a freshman and then take Honors chemistry as a sophomore, take Honors Physics as a junior and then Anatomy & Physiology (or an AP Science course if offered) as a senior. The 4<sup>th</sup> year will be AP Biology or Anatomy and Physiology. These students must also be enrolled in the honors math classes. All students enrolled in this program must be self-motivated and maintain a 3.0 or higher in science to stay in this accelerated program.

**PHYSICAL SCIENCE Part 1, HS422 and Part 2, HS400:**

This course counts towards the required 4 science classes. This course covers a broad range of the physical sciences. These include matter, atmosphere and weather, waves and universe. This course is Proficiency Based. Can be taken out of order.

*This course is traditionally a freshman level class.*

*Trimester course – .5 credit*

**BIOLOGY Part 1, HS424 and Part 2, HS401:**

Biology presents the central themes of the discipline, including: interdependent relationships in ecosystems, cells and organisms; heredity and reproduction; and biodiversity and evolution. Students will be expected to understand and use the scientific method in problem solving in the laboratory. This course is taught through an inquiry and laboratory approach, which will allow students to experience biology in the classroom. This course is Proficiency Based. Can be taken out of order.

*This course is traditionally a sophomore level class.*

*Trimester course – .5 credit*

**HONORS BIOLOGY Part 1, HS418 and Part 2, HS412:**

This course is more accelerated and in-depth than regular Biology. This course is more rigorous for the student looking for an additional challenge in science. This course is Proficiency Based.

*This course is traditionally a sophomore level class.*

*Pre-requisite: Enrollment is limited. Students will be approved by the instructor.*

*Trimester Course – .5 credit/weight 1.03*

**AP BIOLOGY HS452:**

The goal of AP biology is to provide opportunities for students, both inside and outside the classroom, to develop a conceptual framework for modern biology, including recognition of unifying themes that integrate the major topics of biology and application of biological knowledge and critical thinking to environmental and social concerns. Students will also develop an appreciation of science as a process, including personal experiences in scientific inquiry. This is a college-level course. Students will be expected to spend at least as much time outside of the class working on biology as they do inside the class. Students will be expected to complete summer reading assignments. **All students will take the Advanced Placement exam.**

*Prerequisites: 1 year of Biology, Part 1 & 2, and 1 year of Chemistry, Part 1 & 2. At least 10 students must register for the course to be offered.*

*Full Year Course – 1.5 credit/elective/weight 1.1*

**CHEMISTRY Part 1, HS435 and Part 2, HS404:**

This is a Proficiency Based course and focused on the student's first exposure to the science of Chemistry. The emphasis is on inquiry style laboratory exercises and relating the basic concepts to practical applications. The core material can be summarized as gaining an understanding of the structure of atoms and molecules, their properties, and how substances can change via chemical reactions. Many of these relationships, such as energy differences and moles for example, can be quantified using basic algebra.

*This course is traditionally a junior level class.*

*Prerequisite: Must have completed or be taking Algebra 1-9 and Algebra 1-10*

*Trimester course – .5 credit*

**HONORS CHEMISTRY Part 1, HS434 and Part 2, HS 409:**

This course is more accelerated and in-depth than regular chemistry. It is designed so that a student has senior year for an advanced science course.

***This course is traditionally a junior level class.***

***Pre-requisite: Algebra 1-9 and Algebra 1-10. Enrollment is limited. Students will be approved by the instructor.***  
***Trimester course – .5 credit/weight 1.03***

**PHYSICS Part 1, HS438 and Part 2, HS408:**

This lab course covers the standards of Forces, Motion, Magnetism, Electricity and Sound. The goal of the course is to develop an understanding of the basic concepts of theoretical physics. Using algebra in problem-solving is essential.

***This course is traditionally a senior level class.***

***Pre-requisite: Geometry***  
***Trimester course – .5 credit***

**HONORS PHYSICS Part 1, HS440 and Part 2, HS411:**

This is the same basic course as regular Physics, but this course is more accelerated and in-depth in its scientific concepts as well as the Math required. Knowledge of basic trigonometry and the manipulation of math equations is a must. This is a rigorous course for students interested in the sciences.

***This course is traditionally a senior level class.***

***Prerequisite: Completed Honors Algebra 2 and Honors Geometry or recommendation from the math department. Enrollment is limited. Students will be approved by the instructor.***  
***Trimester course – .5 credit/weight 1.03***

**TECH PREP PHYSICS Part 1, HS780 and Part 2, HS407:**

Tech Prep Physics is an up-to-date system of instruction in technology. It will increase the flexibility of students entering the job market or technical colleges. Students will study the basic energy system - mechanical, fluid, electrical and thermal. There will be lots of hands-on activities where students take part in lab activities using meters, power supplies, pumps, motors and more. Students will observe, take data, and explore what is really happening in energy systems. Students need an understanding of basic algebra for this course. This course meets the Physics requirement.

***This course is traditionally a senior level class.***

***Trimester course – .5 credit***

**ANATOMY AND PHYSIOLOGY Part 1, HS450 and Part 2, HS410:**

This course is an elective Honors Level Science course that involves the study of the human body. Information presented in this course involves, but is not limited to the following: chemistry, structure and function of the human body's systems, the integration of the systems, dysfunctions and diseases of the human body. Students will carry out the dissections of preserved specimens including cat, fetal pig, eyes, heart and others. This is a rigorous course that should be considered by students interested in health related fields.

***Prerequisite: Successfully completed Chemistry or is concurrently enrolled in Chemistry, with a junior class standing or by special permission from the instructor.***

***Trimester Course – .5 credit /elective***



## SOCIAL STUDIES DEPARTMENT

*Participation:* To emphasize the duties, obligations and our responsibilities of active participation in our social system.

*Appreciation:* to have students learn and become more aware and appreciative of the difficulties and sacrifices faced and endured by our forefathers in molding this great nation.

*Values:* To examine and analyze the role of the individual in our society; how history relates to him/her and to make value judgments according to this self-image.

*Concepts:* To examine the many concepts that led to achievements and shortcomings.

*Skills:* To have students develop communication skills to express themselves rationally and intelligently in verbal and written form.

### **SOCIAL STUDIES 1 Part 1, HS201 and Part 2, HS233:**

This course is designed to develop the students' skills in areas they will need to be successful in future Social Studies courses. These skills include critical thinking, essay writing, library research, note taking, critical and informational reading and organization to just name a few. The content of the course will focus upon the history, geography, government, and economy of the peoples of Ancient Civilizations, Greece, Rome, The Medieval World, China, and Italy during the Renaissance.

*Trimester course – .5 credit*

### **HONORS SOCIAL STUDIES 1 Part 1, HS204 and Part 2, HS231:**

**Open to all freshmen.** This is a full year course and an alternative to Social Studies 1. This course is similar in structure and content to Social Studies 1, but operates at a much faster pace and content is more in-depth.

*Trimester course – .5 credit/weight 1.03*

### **SOCIAL STUDIES 2 Part 1, HS256 and Part 2, HS229:**

This course is designed to meet the expectations of college requirements. The course will cover American History from exploration and colonization to 1900. Activities may include but are not limited to: lectures, movies, mock trials, simulations and guest lecturers.

**Prerequisite: Successful completion of Social Studies 1.**  
**Trimester course – .5 credit**

**SOCIAL STUDIES 3 Part 1, HS222 and Part 2, HS216:**

This course is designed to meet the expectations of college requirements. The course will cover American History from the Progressive Era to the present. Activities may include, but are not limited to: lectures, movies, mock trials, simulations and guest lecturers.

**Prerequisite: Successful completion of Social Studies 1 and Social Studies 2.**  
**Trimester course – .5 credit**

**PRE-AP UNITED STATES HISTORY Part 1, HS223 and Part 2, HS232:**

**This is an alternative to Social Studies 2.** This course is designed to meet the requirements necessary to help prepare the student to take the AP exam in United States History for college credit. The course is an intensive survey of American History from exploration and colonization to 1900. Activities may include, but are not limited to: lectures, readings, research and discussion. A high degree of critical and analytical ability is a prerequisite for success in this course. **All students will take the Advanced Placement exam.**

**Prerequisite: Successful completion of Social Studies 1**  
**Trimester course – .5 credit/weight 1.1**

**AP UNITED STATES HISTORY HS257:**

**This is an alternative to Social Studies 3.** This course is designed to meet the requirements necessary to help prepare the student to take the AP exam in United States History for college credit. The course is an intensive survey of American History from the Progressive Era to the present. Activities may include, but are not limited to: lectures, readings, research and discussion. A high degree of critical and analytical ability is a prerequisite for success in this course. **All students will take the Advanced Placement exam.**

**Prerequisite: Open to juniors and seniors only, with a teacher recommendation.**  
**Full year course – 1.5 credit/weight 1.1**

**SOCIAL STUDIES 4E HS239:**

**This course is required of all seniors.** This course will deal primarily with the American Economic System the function of the American economy and the practices which promote a free enterprise system. The following questions will be investigated:

- How does the American economy work?
- How does the individual citizen and his/her family interact with the economy?
- How does the economic system deal with such issues as unionization, government regulations and services, inflation and recession, scarce world resources and monopolies?
- How does the American economy compare and contrast with other world economies?

Each student will learn to research, investigate and report on case studies in American government and economy, which illustrate the concepts and processes learned. Using the skills of problem solving learned, each student will be required to investigate thoroughly an issue facing local and/or state economy or government, develop ways of increasing citizen awareness and participation in the issue, develop realistic solutions and an action plan to implement those solutions.

**Prerequisite: Successful completion of Social Studies 1, 2, and 3.**  
**Trimester course – .5 credit**

**SOCIAL STUDIES 4G HS240:**

**This course is required of all seniors.** This semester course is designed to provide seniors with an understanding of how the American economic system and government work and how the individual interacts with government. The following questions will be investigated:

- How does government work?
- How are decisions made?
- What role does the citizen have in a democracy?
- How do political parties and interest groups interact with the American Government?
- What are the historical and philosophical foundations of American Government?

**Prerequisite: Successful completion of Social Studies 1, 2, and 3.**  
**Trimester course –.5 credit**

**AP EUROPEAN HISTORY HS237:**

AP European History is designed to prepare outstanding students of history for the challenges of post-secondary study. The content of the course covers the emergence of Europe from the Middle Ages to the present. The course will reflect intellectual, cultural, political, diplomatic, and socio-economic themes. Great effort is made to relate current world events to the material being studied. **All students will take the Advanced Placement exam.**

**Pre-requisite: Successful completion of Social Studies 1, 2, and 3.**  
**Full year course – 1.5 credit/Fine Arts/weight 1.1**

## UNIFIED ARTS

### ART DEPARTMENT

All course offerings in the Art Department count toward the Fine Arts Requirement.

#### **Basic Art 2D HS845:**

This class begins with an intensive study of the fundamentals of drawing. Drawing is taught using the Five Perceptual Skills of Drawing based on the book, Drawing on the Right Side of the Brain by Betty Edwards. In addition to drawing, the basics of printmaking and watercolor painting will also be covered.

**Trimester course - .5 credit/Fine Arts**

#### **Basic Art 3D HS847:**

This class will introduce the students to three dimensional art including sculpture and hand built ceramics. In ceramics, students will learn to use the three basic hand-building techniques to make a pinch pot, a coil bot and a coffee mug.

**Trimester course - .5 credit/Fine Arts**

#### **Intermediate Art 2D HS848:**

The focus of this class will be on advanced drawing techniques, color theory, water color painting, colored pencil and painting with acrylics.

**Prerequisite: Basic Art 2D**  
**Trimester course - .5 credit/Fine Arts**

#### **Intermediate Art 3D HS849:**

This class will be comprised of two units. In the first, students will be introduced to pottery, which is making objects out of clay on the pottery wheel. In the sculpture unit, students will create projects using the additive, subtractive and found object methods.

**Prerequisite: Basic Art 3D**  
**Trimester course - .5 credit/Fine Arts**

#### **Advanced Art Drawing HS850:**

This course will guide the student in the process of using drawing to create objects of beauty. Only students with good basic drawing skills and who really like to draw should take this class.

**Prerequisite: Intermediate Art 2D**  
**Trimester course - .5 credit/Fine Arts**

#### **Advanced Art Painting HS855:**

This course will guide the student in the process of using paint to create objects of beauty. Only students with good basic drawing skills, a basic understanding of color theory and who have a love for painting should take this class.

**Prerequisite: Intermediate Art 2D**  
**Trimester course - .5 credit/Fine Arts**

#### **Advanced Art Sculpture HS856:**

This course will guide the student in the process of using a different assortment of materials to create three dimensional objects of beauty. Only students who have a strong interest in sculpture should take this class.

***Prerequisite: Intermediate Art 3D***  
***Trimester course - .5 credit/Fine Arts***

**Advanced Art Ceramics HS857:**

This course will guide the student in the use of clay to create objects of beauty. Only students who are familiar with hand building and the use of the pottery wheel should take this class.

***Prerequisite: Intermediate Art 3D or Ceramics***  
***Trimester course - .5 credit/Fine Arts***

**Advanced Art Studio HS873:**

This course is designed for the student who wants to build a strong portfolio of art work. Only students who are capable of working independently and who have a strong sense of artistic purpose should take this class.

***Prerequisite: Any two advanced art courses.***  
***Trimester course - .5 credit/Fine Arts***

**Digital Photography HS742:**

Digital photography introduces students to the basics of image construction and the rich history of photography as a fine art. The students will use their iPads as their cameras so having an iPad is a must.

***Trimester course - .5 credit/Fine Arts***

**Analog Photography HS744:**

This course is old school. Students learn the methods and chemical processes of traditional analog photography. Students will learn how to use a film SLR camera, how to develop their own film and how to make their own prints in the darkroom.

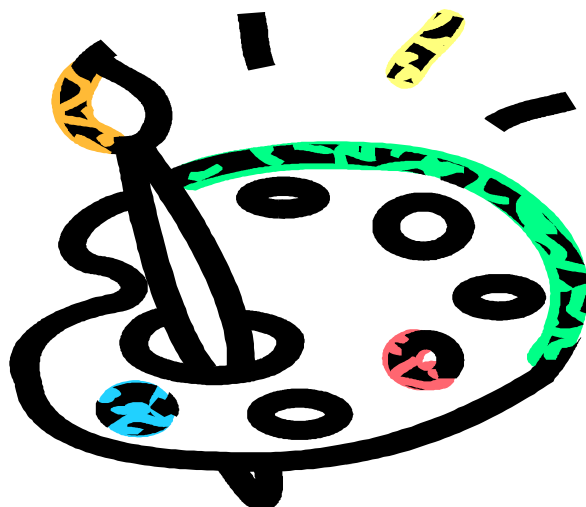
***Trimester course - .5 credit/Fine Arts***

**Ceramics HS858:**

The focus of this class is to teach students how to take a hunk of clay and turn it into an object that is both useful and beautiful using the pottery wheel. The foundational skills of centering, throwing, trimming and pulling will be taught. Some hand building projects will be assigned as well.

***Trimester course - .5 credit/Fine Arts***





## MUSIC DEPARTMENT

All course offerings in the Music Department count toward the Fine Arts Requirement. Participation in the Fine Arts is a part of what makes us all human, thinking, and feeling individuals.

### **HIGH SCHOOL BAND HS950**

High School Band will cater to both traditional and non-traditional band instrumentalist as well as provide them with the opportunity for multi-genre collaboration. A variety of music will be covered with many opportunities for improvisation and musical expression. In addition to this, there will be opportunities for students to participate in KV Music Association and All-State auditions and festivals. **Basic student auditions may be required. Students are encouraged to enroll, however, a strong work ethic, group participation, and a basic knowledge of music is required.**

**Assessment:** Possible Playing Evaluations, Rehearsal Effort/Participation and Public Performances.

**Possible Portfolio Components:** Multi-Recordings of performances.

**Prerequisite:** *Students must be proficient on a primary instrument.*

**Trimester course – .5 credit /Fine Arts**

### **PEP-BAND HS952:**

High School Pep-Band will cater to both traditional and non-traditional band instrumentalists as well as vocalists. The class will provide the opportunity for multi-genre collaboration and give each member exposure and public performance experience. A variety of music will be explored and there will be opportunities for musical expression through improvisation. Music will reference popular culture and provide inspiration and entertainment for various sporting and public events. It is important to note that the Pep-Band Ensemble will also be required to march for parades; however, field formation will not be addressed. All rehearsals will be conducted during after school hours.

**Assessment:** Rehearsals, Attendance, Effort and Public Performances.

**Possible Portfolio Components:** Multi-Media Recordings of Performances.

**Trimester course – .5 credit/Fine Arts**

### **INTRODUCTION TO GUITAR HS953:**

Introduction to Guitar is a single semester course designed for the beginning guitar student, as well as those who currently play. Many topics will be addressed throughout the semester including Historical Concepts, Music Theory, and Technique. Class enrollment is limited because of the volume of interest, variations in abilities and the individual attention required for each student. Students are encouraged to already own a guitar, however students will be able to personally loan a guitar for the length of the semester. Bass players are also welcome. Equipment contracts must be completed and returned before students may use a guitar outside of the music room.

**Assessment:** Notebook, Practice Routine, Individual Improvement and Written and Playing Evaluations.

**Possible Portfolio Components:** Notebook and Written Evaluations.

**Trimester course – .5 credit/Fine Arts**

**AUDIO ENGINEERING HS893:**

Audio Engineering has been created for students who have a profound interest in the art of the recording process, and are interested in continuing post-secondary education in the subject. Heavy emphasis will be placed on the process of recording, as well as the many elements that encompass modern recording practices. This is a hands-on course, and due to the individual attention that is required for each student, class enrollment is limited. The course requires an entrance interview and is offered to seniors. (Juniors may be included, if enrollment allows.) The MVHS Audio Engineering class has an articulation agreement with the New England School of Communications, and high achieving students may receive College Credit for completion of this course.

**Assessment:** Written Exams, Practical Knowledge using Hands on Assessments, Creation of Audio Recordings and Portfolio.

**Possible Portfolio Components:** Original Audio Recordings, Registered LOC Copyrights and Production Credits.

**Prerequisite:** *Understanding of a primary instrument and a working knowledge of musical and audio equipment. Due to the regulated class size, student qualifications will be determined by the instructor.*

**Full year course – 1.5 credit/Fine Arts**

**HIGH SCHOOL CHORUS HS955:**

Chorus is a vocal ensemble that focuses on the performance of choral music, voice development, technique, understanding notation and understanding harmony. A variety of genres will be studied, and students will be graded on daily participation, performance, vocal evaluations, as well as attitude. Collaboration with the High School Band and other musical ensembles will be extensively exercised and there will be opportunities for participation in KV Music Association and MMEA All-State auditions and festivals.

**Assessment:** Public Performance, Rehearsal Effort/Participation and vocal evaluations.

**Possible Portfolio Components:** Multi-Media Recordings and Performances.

**Trimester course - .5 credit/Fine Arts**

**MUSIC THEORY HS890:**

Music Theory is a course designed to sharpen the skills of young musicians as well as give them practical knowledge for use on an instrument(s). Ability to play an instrument is encouraged because of the course's focus on musical and mathematical elements; however, it is not necessary in order for students to take Music Theory. Throughout the course of the trimester, students will learn theoretical fundamentals, advanced concepts, and learn to apply said information to their instrument. An introduction to keyboarding and the application of concepts to the piano will also be incorporated into the course.

**Assessment:** Written exams, Composition, and Practical Application of Theoretical Elements on an Instrument.

**Possible Portfolio Components:** Written Exams, Notebook and Compositions (handwritten and/or computer based)

**Trimester course - .5 credit/Fine Arts**

**PERCUSSION CLASS HS894:**

Percussion class will explore the many concepts of percussion performance by utilizing a variety of instruments, techniques, and equipment research. There will be heavy emphasis on marching cadences, as well as percussion ensemble literature. This is a performance-based course; therefore, students will be required to meet given proficiency requirements obtained through practice and course study. Basic understanding of music theory and rhythmic components are encouraged, however, they are not required. **Class enrollment is limited, and interested students will be asked to participate in a basic audition Process. Participating students will be required to participate in public performances.**

**Assessment:** Rehearsals, written evaluations, and public performances.

**Possible Portfolio Components:** Written Evaluations, documentation of studied repertoire, and multi-media recordings.

**Trimester course - .5 credit/Fine Arts**

**MUSIC APPRECIATION HS891:**

Music Appreciation will address all musical genres as well as their relation to historical events, cultural practices and the human experience. Some of which include western music history, multicultural music, folk, rock, and hip-hop culture.

In addition to these concepts, there will be heavy emphasis on listening and musical analysis in order to enrich each student's understanding and enjoyment of music as well as to expose them to a variety of new idioms. Popular music and modern entertainment business practices including legalities, professional music, recording practices and elements of professional music will also be studied.

**Assessment:** Notebook, Hands-On Demonstrations, Written and Oral Evaluations

**Possible Portfolio Components:** Notebook, Written Evaluations and Optional Recordings

**Trimester course - .5 credit/Fine Arts**

**INTRODUCTION TO KEYBOARDING HS948:**

Introduction to Keyboarding is a course designed for students wishing to learn or advance piano skills. There will be emphasis on technical exercises, notation reading, music theory, improvisation and performance of presented repertoire. **Class enrollment is limited, and interested students will be asked to participate in a basic audition process.**

**Assessment:** Rehearsals, written evaluations, and public performances.

**Possible Portfolio Components:** Written evaluations, documentation of studied repertoire, and multi-media recordings.

**Trimester course - .5 credit/Fine Arts**

## WORLD LANGUAGES

The World Languages curriculum at Mountain Valley High School consists of French and Spanish.

**FRENCH 1 Part 1, HS521 and Part 2, HS514:**

French I focuses on the active use of French with the goal of proficient communication through listening, speaking, reading, writing, and culture. The course requires an investment of time and energy, and active participation in French is required. In this class students will expand their global awareness and gain a deeper understanding of the workings of their own language.

***Trimester course – .5 credit/elective***

**FRENCH 2 Part 1, HS522 and Part 2, HS515:**

The primary aim of French 2 is to strengthen and expand the skills acquired at the first level. Active use of the language to improve proficiency is required.

***Prerequisite: Successful completion of French 1.***

***Trimester course – .5 credit/elective***

**HONORS FRENCH 3 Part 1, HS523 and Part 2, HS510:**

French III is designed for the more motivated student. Continued use of authentic documents, film and literature is an integral part of this course. The course is conducted in French and active class participation is required. Prerequisite is a 3.0 average in French 2 or teacher permission.

***Prerequisite: Successful completion of French 2.***

***Trimester course – .5 credit/elective/weight 1.03***

**HONORS FRENCH 4 Part 1, HS524 and Part 2, HS511:**

The student selecting French 4 must have a good command of the basic language skills and be highly motivated to improve his/her level of proficiency in French. Classes are conducted in the target language.

***Prerequisite: Successful completion of Honors French 3.***

***Trimester course – .5 credit/elective/weight 1.03***

**SPANISH 1 Part 1, HS531 and Part 2, HS517:**

Spanish 1 presents the four skills basic to language acquisition: listening, speaking, reading and writing. The program is designed to enable the student to gain a basic knowledge of the language and of the Hispanic culture. The course is vocabulary intensive and requires an investment of time and energy. Active participation in Spanish is also required.

**Trimester course – .5 credit/elective**

**SPANISH 2 Part 1, HS532 and Part 2, HS516:**

During Spanish 2 students will build on the concepts learned the previous year, while broadening the vocabulary base that was developed. As in Spanish 1, Spanish 2 requires an investment of time and energy, and active participation in Spanish is required.

**Prerequisite: Successful completion of Spanish 1.**

**Trimester course – .5 credit/elective**

**HONORS SPANISH 3 Part 1, HS536 and Part 2, HS513:**

This course is for students who have already attained a high degree of proficiency in Spanish. While maintaining the expansion of a structural and grammatical base of knowledge, Spanish III will also broaden the reading base of students. Hispanic authors will be introduced with the focus shifting from mere translation to the interpretation of the reading selections. An emphasis will be placed on using more of the target language in the daily life of the classroom. Students taking this class should have attained a 3.0 in Spanish II or have teacher's permission.

**Prerequisite: Successful completion of Spanish 2.**

**Trimester course – .5 credit/elective/weight 1.03**

**HONORS SPANISH 4 Part 1, HS534 and Part 2, HS518:**

Taught almost entirely in Spanish, this course will encourage students to not only speak in the target language, but also to think in it. Students should be highly motivated to improve his/her level of proficiency in Spanish.

**Prerequisite: The student selecting Honors Spanish 4 must have a good command of basic language skills and be highly motivated to improve his/her level of proficiency in Spanish. Students taking this class should have attained a 3 or have teacher's permission.**

**Trimester course – .5 credit/elective/weight 1.03**

**FAMILY and CONSUMER SCIENCES DEPARTMENT**

**PERSONAL LIFE CHOICES HS827:**

Welcome to a course that is specifically designed to help you manage your life, particularly the skills needed after graduation. Topics include career preparation, credit, money, and investment management, basic cooking skills, selecting an apartment, buying a vehicle, and more. There will be a strong emphasis on selecting a career and how to prepare for a job, including the application process, job interviews, resume writing, cover letters, and job shadowing.

**Trimester course – .5 credit/elective**

**COOKING & NUTRITION 1 HS837:**

You are what you eat! This class is a course for students who have an interest in learning about cooking and a desire to develop practical food preparation and cooking skills. You will learn about a variety of topics that will guide you in making healthier food choices and acquire skills and confidence in preparing foods. The cooking lab will give you an opportunity to work with others in preparing foods, and provide you necessary skills to apply in real-life experiences.

**Trimester course – .5 credit/elective**

**Grades 9 - 12 Limited to sixteen (16) students**

**COOKING & NUTRITION 2 HS842:**

This is a continuation of Cooking and Nutrition I and is designed to give students more techniques in food preparation and cooking skills. You will continue to learn more about making healthy food choices and gain more experience and confidence with preparing foods. The cooking labs will give you the opportunity to practice skills and try new techniques in real-life situations.

**Prerequisite: Cooking 1**

**Trimester course- .5 credit/elective**

**Grades 9-12 Limited to sixteen (16) students**

**CULINARY ARTS HS824:**

Culinary Arts is an advanced cooking class. Previously learned skills and knowledge from Cooking & Nutrition I & II will be applied. This class emphasizes baking (pastries and breads), a focus on international foods, which will include a history of the country and specific spices and ingredients indigenous to that area, and an increased level of cooking terms to learn and demonstrate. There is also more emphasis on the function and purpose of ingredients in a recipe. This is a FINE ARTS credit and will incorporate the elements of design in certain preparations and presentations of foods.

**Prerequisite: Successful completion of Cooking & Nutrition 1 & 2**  
**Trimester course – .5 credit/Fine Arts**  
**Limited to sixteen (16) students**

**QUILTING 1 HS881:**

Quilting—one of the most memorable classes you will ever take during your high school curriculum. You will learn the Elements of Design and will incorporate these designs into your quilt. Each student will have his/her very own queen size quilt that they have created themselves. Students must be self-motivated and be able to make-up classes when missed.

**Trimester course – .5 credit/ Fine Arts**  
**Classes are limited**

**QUILTING 2 HS882:**

For students that desire more experience in quilting, Quilting II will challenge you to create a more difficult quilt of the student's choice. Projects that support the Principles of Design will be incorporated and then connected to specific details, patterns and designs within the quilt.

**Prerequisite: Successful completion of Quilting 1**  
**Trimester course – .5 credit/Fine Arts**

**CAREER EXPLORATION HS988:**

Career Explorations is a course designed to offer students the opportunity to take a long term, in depth, and personal look into a particular career. The focus of this course will be a job shadowing experience and research project. The course structure will be based on an independent study model and will be graded on a pass-fail basis. This is not a work-study experience; students in this class are to work as volunteers. This is a one semester course and worth .5 elective credits. Space is limited to 25 students.

**Prerequisite: In order to take this course, students must be in the 11<sup>th</sup> grade or higher, maintain an overall GPA of 3 or higher, carry at least five other courses, and get approval of the Principal.**  
**Trimester course – .5 credit/elective**

<b>HEALTH</b>
---------------

**HEALTH HS975: (Required Course)**

Students will study a variety of physical, mental, and social health topics with the goal of providing students with the knowledge and skills needed to make healthy, informed decisions throughout their lives. Students will study nutrition, stress management, violence prevention, the effects of drug and tobacco use, and the effects of diseases such as HIV/AIDS on individuals, families, and communities. The students will also work to develop skills such as decision making, communication skills, risk management, and other community-health related concepts and skills.

**Trimester course – .5 credit**

**ADVANCED HEALTH HS917:**

Students will build on what they learned in Freshmen Health by using prior knowledge to understand more in-depth topics including epidemiology, health regulations, advanced nutrition, and long-term personal health goals. Advanced Health will involve more individual rather than group work, requiring students to be self-motivated and show personal responsibility.

**Prerequisite: A final grade in Freshmen Health of a 3.0 or above, or permission of instructor.**  
**Trimester course – .5 credit/elective**

**HEALTH AFTER HIGH SCHOOL HS918:**

This course is designed for seniors preparing for life after high school. Health After High School will offer students insight on how to stay healthy during all phases of their life including college and/or working a full-time job. The focus of this course will be to inform students of how to balance obligations to family, school, and work all while staying physically, emotionally, financially, and socially healthy. Topics will include nutrition, sexual health, decision-making, stress management, communication skills, and financial responsibility.

***Prerequisite: Successful completion of Freshmen Health and senior status.***

***Trimester course – .5 credit/elective***



**PHYSICAL EDUCATION**

At Mountain Valley High School we offer Physical Education to grades 9, and Traditional Sports, Fitness Training, Advanced Racquet Sports, Lifetime Pursuits & Adventure Programming, and Student Leader Lab to upperclassmen. Excluding Freshmen Physical Education, enrollment priority will be given to sophomore and junior students. Seniors may enroll, if they are in need of an extra physical education credit, or by instructor permission.

We expect that Physical Education at Mountain Valley High School will aid students in gaining a healthy outlook on fitness and sport activities. We expect to teach them that physical activity promotes a more healthy life socially, mentally, emotionally and physically. At the end of this course, each student should have a broader knowledge of many different physical activities, sports and games and overall fitness. The student should also feel more at ease in activity situations involving his/her peers.

Our physical education is coeducational and we try to offer as many lifetime value sports as possible. However, our main objective is to develop the knowledge, skills and attitudes of the importance of being physically fit. We feel a physically educated person has the sufficient skill to perform a variety of physical activities: participates regularly in a physical activity, is physically fit, knows the benefits, costs, risks and obligations of physical activity involvement; and values the role of regular physical activity in the maintenance of a healthy lifestyle.

**FRESHMEN PHYSICAL EDUCATION HS900: (Required Course)**

Throughout this semester long required course, students will experience learning opportunities that reach all three of the Physical Education Learning standards. The first area of focus will revolve around healthy risk-taking, creativity, and leadership. Students will participate in non-traditional games and initiatives that revolve around community, team building, cooperation, trust, and self-confidence. Following this, students will have the opportunity to develop and demonstrate motor skills through outdoor pursuits and lifetime activities. Finally, the components of fitness and the importance of establishing and maintaining a personal fitness plan will be emphasized and put into practice. Students successfully completing this course will be adequately prepared to take any of the elective course offerings by the P.E. Department.

***Trimester course – .5 credit/elective***

**RACQUET SPORTS HS902:**

This class is intended for students wishing to improve and excel in the area of racquet sports. Activities will focus on tennis, badminton, pickle ball, and ping-pong. Advanced skills and strategies will be emphasized as well as individual skill assessment.

***Prerequisite: Freshmen Physical Education  
Trimester course – .5 credit/elective***

**TRADITIONAL SPORTS HS909:**

This course will focus on skills and strategies of team, individual, and dual sports as well as concepts and issues pertinent to personal fitness and well-being. Students will be introduced to a variety of team sports and lifetime activities. Throughout the semester students will identify and apply skills, concepts and strategies across a wide range of offerings. Students must have an interest in team sports. Focuses on team sports and rules from the mindset of a ref or umpire.

***Prerequisite: Freshmen Physical Education  
Trimester course – .5 credit/elective***

**LIFETIME PURSUITS HS921:**

This course will focus on participation in lifetime outdoor pursuits. Activities may include: mountain biking, cross-country skiing, snowshoeing, roller-blading, ice skating, canoeing & kayaking, and wall-climbing. Concepts and issues pertinent to personal fitness and well-being will be emphasized.

***Prerequisite: Freshmen Physical Education  
Trimester course – .5 credit/elective***

**FITNESS TRAINING HS912:**

This class will guide students through personal fitness assessments and goal setting before ultimately leading to the design and implementation of individual fitness plans. The components of fitness, the FITT principle, the benefits of daily exercise, and fitness and nutrition will be key components addressed throughout the course. Students will be introduced to a variety of types of workouts and then enabled to create a workout regime that suits their needs, interests, and goals. This is a great class for those wishing to get in shape, be fit, and stay healthy, or to use as a means of training for a sports season.

***Prerequisite: Freshmen Physical Education  
Trimester course – .5 credit/elective***

**ADVENTURE PROGRAMMING HS901:**

This course will center on many of the aspects of outdoor adventure activities. The primary focus of this class will be the use and facilitation of the high and low ropes course. An advanced approach toward many of the outdoor lifetime activities as well as leadership roles and responsibilities will be addressed. This is an excellent course for students interested in pursuing work opportunities in the Adventure Tourism industry.

***Prerequisite: Freshmen Physical Education  
Trimester course – .5 credit/elective***

**PE LEADERSHIP HS973:**

This course is designed for students interested in taking on various leadership roles in the Physical Education setting. Activities generally revolve around leadership development through outdoor and adventure based activities, but the class has the potential to be modeled around student interests.

***Prerequisite: Freshmen Physical Education and additional PE elective  
Trimester course – .5 credit/elective***

**WALKING FOR FITNESS HS \_\_\_ :**

The intent of this course is to provide students an opportunity to improve their overall wellness and fitness through walking. Walking routes will be done outside where students will experience a variety of trails (both road and local woods trails). Students will assess current fitness levels, plot and map routes, and evaluate the benefits of walking as a means of maintaining an active lifestyle.

**Prerequisite: Freshmen Physical Education**  
**Trimester course – .5 credit/elective**



## TECHNOLOGY

### **PRE-ENGINEERING HS016**

Do you enjoy working with computers? Learn how industry uses computer technology to create manufactured products everywhere. This course requires only patience and your interest in exploring and problem solving. Using a real industrial design program (AutoCAD 2012) and digital drafting techniques, you can learn to develop some of the same products you can buy in stores or see on TV. Skills covered in this course are similar to skills necessary for careers in metal work, video game design, video special effects work and engineering as well as other design careers. Class activities will include dimensioning and creating single and multi-view objects in 2D and 3D. Students in the course largely work at his/her own pace.

***Because limited space is available, see instructor for details.***  
**Trimester course- .5 credit/elective**

### **ENGINEERING HS755**

This course is a continuation of Computer Aided Design (CAD) through the use of *AutoCAD for Mac*, which is being used by professionals for 2D drafting and 3D modeling, will be used in this course. Students will have some guided directions, but will then venture into real world engineering and design challenges where they will use creativity and critical thinking skills. Use of the 3D printer to create models is expected of all students.

**Prerequisite: Successful completion of Pre-Engineering**  
**Trimester course - .5 credit/elective**

### **ARCHITECTURAL DESIGN HS762**

This course will explore some of the same tools and programs used by professional architects. Students will start the course by following step-by-step instructions on how to design a house. You will have the ability to customize the house to your liking. Students will progress to a point where they will research other topics related to architecture and design homes that apply those concepts.

***Because limited space is available, see instructor for details.***  
**Trimester course- .5 credit/elective**



### **THE ART OF ARCHITECTURE HS761**

This course will allow students to design their own houses rather than follow step-by-step templates from the book. Students will research the elements and principles of fine arts and apply them to their designs. Student work will also appear in the spring art show. The course will explore additional topics related to the history of architecture or architectural styles in which students will apply skills they learn in their designs. Students will have the opportunity to use the 3D printer to create models.

***Prerequisite: Architectural Design***  
***Trimester course- .5 credit/Fine Arts***

### **AP COMPUTER SCIENCE PRINCIPLES HS764:**

This course introduces students to the foundational concepts of computer science and challenges them to explore how computing and technology can impact the world. With a unique focus on creative problem solving and real-world applications, AP Computer Science Principles prepares students for college and career. (Course description taken from the College Board). All Students will take the Advanced Placement Exam.

***Pre-requisites: Enrollment is limited. Students will be approved by the instructor. Successful completion of the Algebra I-9 and Algebra I-10 .***  
***Full year course- 1.5 credits/weight 1.1***

### **WOOD TECHNOLOGY HS756:**

If you enjoy the challenge of solving three-dimensional problems, constructing a project and learning basic wood processing techniques—this course is for you. Safety, measuring and planning will be covered. Safety eyewear is required. You will choose products to make that interest you. Basic machine and hand-tool use and safety will be covered.

**Trimester course-.5 credit elective**

### **PLATO CLASSES**

Plato classes are designed to mimic the classes taught in the classroom. They are for credit recovery or for required classes that do not fit into a student's schedule. They are computer based and go at the student's own pace. Because of this "TIME MANAGEMENT SKILLS" are a must. Plato classes are not easy. They require as much if not more work than a regular classroom based class.

Self-discipline, with regards to completing assignments and not playing games or Internet searches is a must. Waiting until the last minute to finish a Plato assignment is not an option. Students need to take notes from the presented material, to use as study guides. In Plato, presented material can be reviewed as often as necessary before taking quizzes or tests.

PLATO allows students to excel at their own speed and is often exactly what a student needs to move forward.

**Trimester course-.5 credit**



**REGION 9  
SCHOOL OF APPLIED TECHNOLOGY**

Region 9 offers all students from Dirigo High School, Telstar Regional High School, and Mountain Valley High School the opportunity to develop technical skills in the following areas: Automotive Technology, Building Construction, Business Academy, Certified Nursing Assistant, Computer Technology, Culinary Arts, Early Childhood Education, Employability Skills, Fire Science, Forestry, Metal Trades and Truck Driving. The courses are designed to prepare students for immediate job entry or further education; therefore most programs are designed for juniors and seniors; sophomores are also able to enroll in some programs on a case by case basis.

Transportation to and from each sending school is provided daily. Our facility is located on Route # 2 in Mexico. School is in session from 8:10 a.m. to 2:00 p.m. Some programs require appropriate dress including protective hats and shoes. All programs require an application, letters of reference, interview, copies of transcripts, and outline of graduation requirements.

Prospective students and parents/guardians are encouraged to spend time at Region 9 to better understand the program and method of education. The Director and Student Services Coordinator are available to discuss individual needs and how these programs can meet each student's educational goals.

A total of 3.5 credits will be earned for a full day program. Mountain Valley High School reserves the right to recognize math, and science credits as part of the 3.5 credits, through prior approval by the IEP.

**FORESTRY/WOOD HARVESTING/HEAVY EQUIPMENT OPERATION AND MAINTENANCE**

Students will learn basic forestry skills, as well as heavy equipment operation, maintenance and mechanics. After completing the two-year program, students will have the opportunity to earn a Certified Logging Professional Certificate and may be eligible for credit at some post-secondary technical schools.

**WOOD HARVESTING 1 (A DAY-FULL DAY) REG803:**

Recommended for juniors and seniors. The students who successfully completed year one will be able to: identify common trees, maintain and operate a chainsaw, skidder, crawler, and pulp loader; properly fell a tree; estimate timber stand volume; and scale logs.

***Full year course – 2.5 credits/elective - .5 credit/Economics - .5 credit/Science***

**WOOD HARVESTING 2 (B DAY-FULL DAY) REG816:**

Students must have successfully completed first year of program. This course will continue from the first year to provide the opportunity to learn the safe and proper methods of maintaining equipment related to the forestry industry. Students will have experience on small engines including maintenance, diagnosis, and repair heavy equipment. Starting with the simulator, students will learn the operation of a tree processor and forwarder. Students will earn CPR and first aid certification, and have the opportunity to obtain Class A and/or B licenses, and sit for the Certified Logging Professional certification examination. Recommended for juniors and seniors.

***Prerequisite: Successful completion of Wood Harvesting 1***

***Full year course – 2.5 credits/elective - .5 credit/Economics - .5 credit/Science***

## CERTIFIED NURSING ASSISTANT PROGRAM

### **CNA (A OR B DAY) REG805:**

Student nursing assistants learn the skills necessary for this vocation in a fast paced and fun environment using classroom lessons, hands on lab training, and actual work in local health care facilities. Upon successful completion of this course, students are provided the opportunity to take the *Maine State Nursing Assistant Competency Exam*, which is necessary for certification of Nurses Aides in this state. A sincere interest and desire to help others is an important quality for the aspiring CNA.

Due to its growing popularity, the program will be repeated both days and is open to all juniors and seniors. CNA training is a valuable steppingstone for students interested in a health care career. If you are planning to work as a CNA or go on to school to become a registered nurse, paramedic, physical therapist, doctor or any one of the hundreds of health related occupations in between, this class will be a great foundation of skill and knowledge. The first half of the year will focus on understanding human physical and emotional needs and the role of the CNA. Students will learn and practice the physical skills required in the CNA lab.

The second half of the year students will continue to build their health care knowledge in the classroom and also apply their new skills in a variety of clinical settings such as Rumford Community Home and Rumford Community Hospital.

Students are required to meet course requirements including successful completion of a reading competency test, maintaining attendance and grades according to course outline, and immunization for specific diseases.

***Full year course – 2.5 credits/elective - .5 credit/Science - .5 credit/Health***

## BUILDING CONSTRUCTION

The Building Construction program provides students with construction skills associated with residential and industrial construction. This two year program is divided into Building Construction I and Building Construction II.

### **BUILDING CONSTRUCTION 1 (A DAY-FULL DAY) REG810:**

Open to all juniors and seniors (if space allows).

This course includes daily classroom instruction accompanied with shop and field experience in the following areas:

1. The National Center for Construction Education and Research's CORE CURRICULUM;
2. Proper and safe use of hand tools, power tools, and machines;
3. Building materials;
4. Local building codes and regulations;
5. Selection and preparation of a building site;
6. Basic framing, roofing, and siding in the construction of a small wood frame building.

Upon successful completion of Building Construction I, students should be able to plan and build a small frame building, using tools and machines in a safe and proper manner. Students will also receive a performance certificate and a Core Curriculum completion certificate from the National Center for Construction Education and Research. The class meets on A Days.

**Prerequisites: 2 years of Math. Students must also have a desire to learn about building structures.**  
**Full year course – 2.5 credits/elective - .5 credit/Math - .5 credit/Fine Arts**

**BUILDING CONSTRUCTION 2 (B DAY–FULL DAY) REG811:**

Students must meet the prerequisite of successful completion of the Building Construction I Program. This course will review and reinforce the skills and knowledge developed in Building Construction I and will include the O.S.H.A. ten hour safety training, pneumatic tools, and career preparation. Students will build a ranch style home in the area. The home is built in partnership with Community Concepts of Norway, ME. Upon successful completion of Building Construction II, the students will be adequately prepared to begin post-secondary education, seek employment in the building industry, or enter the military in a related field. Students will also receive a completion certificate and a 10 hour O.S.H.A. safety card. This class meets on B Days.

**Prerequisites: Successful completion of Building Construction I.**  
**Full year course – 2.5 credits/elective - .5 credit/Math - .5 credit/Fine Arts**

**METAL TRADES**

This program is designed as a twoyear program. Students are welcome to participate in the first year program, but must recognize that the second year builds on skills learned during the first year. Students who complete the twoyear program may be eligible for credit at some post secondary technical schools through articulation agreements.

**METAL TRADES 1 (A DAY–FULL DAY) REG813:**

This course combines daily classroom instruction with hands-on use of machine tools and equipment. The course will focus on proper and safe use of all tools and the completion of many projects. Students will learn about the different types of welding and fabrication of metals through lab exercises as well as projects. Students will experience blue print reading and sketching. Recommended for juniors and seniors.

**Full year course – 2.5 credits/elective - .5 credit/Math - .5 credit/Science**

**METAL TRADES 2 (B DAY–FULL DAY) REG814:**

Students must meet the prerequisite of successful completion of Metal Trades I Program This course is designed for those students who are interested in advanced machine practices. The course requires mastery of Metals Trades I skills. Students will learn blue print reading and sketching, advanced Computer Numerical Control (CNC), and advanced alignments. Students will work on complex projects that involve multiple applications of machining and fabrication. Recommended for juniors and seniors.

**Full year course – 2.5 credits/elective - .5 credit/Math - .5 credit/Science**

**TRUCK DRIVING--COMMERCIAL DRIVER LICENSE**

This is a multilevel truck driving preparation program that trains students on a stepbystep basis to complete written and skill test with the Department of Transportation. Students are prepared to earn *Class B and/or Class A Maine State Licenses with endorsements* for Passenger Bus, Combination Tank Hazardous Materials, and Air Brakes.

Students should have mechanical aptitude and ability. Basic math is essential and students should be able to read, write, and interpret instructions.

**CDL–TRUCK DRIVING (A OR B DAY)–CLASSROOM 1:00-3:00 P.M., PLUS DRIVING TIME) REG844 & REG845:**

Class B course is a ten (10) week class. Class B training emphasizes the safe operation of dump and delivery trucks. Topics include: behind the wheel safety, and navigating in various weather conditions and terrain. Students are required to have a drug test and have a valid class C Maine driver's license with experience on a manual transmission.

**Credit – .5 elective**

Class A requires a Class B license and ten additional weeks of instruction and practice. Upon completion students understand the role of the professional Class A driver. Student drivers hone their skills through classroom and yard work. Students are required to have a physical exam, a drug test, and a valid Class B Maine CDL driver's license.

**Credit – .5 elective**

#### **COMPUTER TECHNOLOGY**

Would you like to learn how to: Network multiple computers, install and manage operating systems, build a computer, and repair and maintain computers?

Region 9's Computer Technology program gives students the experience and skills to do these things and more. Using the Industry-Recognized and Internationally-Recognized Cisco Certified Networking Academy (CCNA) program and IT Essentials program, students learn critical computer technical skills through an on-line curriculum and engaging learning labs. The Computer Technology program has articulation agreements with Central Maine Community College, ensuring that students who pass this course with an 85 or higher receive credit at CMCC.

#### **COMPUTER TECHNOLOGY 1B (A Day) REG817:**

Computer Technology I is designed to give students a working knowledge of computer hardware and software. The skills taught will include diagnosing and upgrading personal computers, printers, and other system components. The program will incorporate background work for A+ Certification Test. The curriculum includes Cisco's IT Essentials.

**Prerequisites: Algebra1**

**Full year course – 3.5 credits/elective**

#### **COMPUTER TECHNOLOGY 2B (B Day) REG818:**

Computer Technology II is designed to focus on networking. Students will utilize the CCNA Discovery curriculums. CCNA discovery curriculum teaches networking based on application, covering the types of practical networks students may encounter from simple home or small office networks to more complex models.

Students will have classroom work and hands-on experiences that will prepare them for entry level positions and/or post secondary computer related programs.

This program is offered on B days, half day or full day. Full day students earn 3.5 credits (2.5 elective and 1 math credit). Full day students will be required to participate in Plato lab to earn the math credit. Half day students earn 2 elective credits.

**Prerequisites: Completion of Computer Technology 1**

**Full year course – 3.0 credits/elective - .5 credit/English**

#### **CULINARY ARTS**

Culinary Arts is a course to orient the student toward food preparation procedure and the use of equipment as it applies to the finished product. This will include study and practical application in baking, main meal production, short order cooking, sanitation, safety, hygiene, and menu planning on a daily basis. Each student will be involved in planning, coordinating, and catering functions and parties for small and large groups throughout the year. Students will gain entry-level work skills and hands-on experience participating in the Culinary Arts restaurant.

**Full year course – 2.5 credits/elective – 1 credit/Fine Arts**

#### **BUSINESS ACADEMY**

This program's coursework will provide you with broad knowledge to help you excel in any business related field or college program.

- **Accounting** – learn to properly maintain business financial records according to Generally Accepted Accounting Principles.
- **Business Software** – learn Microsoft Office (Word, Excel PowerPoint & Access) as well as learn how to design your own website using Adobe InDesign, Illustrator & Photoshop.
- **Business Management/Entrepreneurship** – learn how to establish, organize, promote and manage a small business.

- **Investing & Personal Finance** – learn sound economic principles to handle your money, as well as intelligent investing in stocks, bonds or mutual funds.

**Full year course – 2.5 credits/elective – 1 credit/Economics**

## EARLY CHILDHOOD EDUCATION

### **EARLY CHILDHOOD EDUCATION 1 (A DAY) REG807:**

Recommended for juniors and seniors, this class is a two-year course for students who are interested in working with children. This program is an exploration of all aspects of child growth and development from birth through age twelve. Students engage in rigorous coursework to include theories of child development, psychology, and sociology, as well as develop skills and knowledge in health and safety, child growth and development, guidance and discipline, social and emotional growth, cognitive development, and curriculum development. This program involves an on site preschool facility where students gain work experience in all areas of the preschool. Students will be prepared for post-secondary education for professions working with children, such as teaching, social work and psychology fields. First year students attend the Program on A Days.

The program offers:

- Hands on Preschool Laboratory
- Certified Early Childhood Assistant State of Maine Certification
- First Aid Certification
- CPR Certification

**Full year course – 2.0 credits/elective - .5 credit/English - .5 credit/Economics - .5 credit/Health**

### **EARLY CHILDHOOD EDUCATION 2 (B DAY) REG806:**

This course is for the second year Early Childhood Education student.

**Prerequisite: Early Childhood Education 1**

**Full year course – 3.0 credits/elective - .5 credit/English**

## AUTOMOTIVE TECHNOLOGY

### **AUTOMOTIVE TECHNOLOGY 1 (A DAYS) REG809:**

Students in this program will receive the appropriate amount of training and knowledge to begin entry level employment and/or a post secondary automotive program. The Automotive Technology curriculum is designed with National Automotive Technicians Education Foundation (NATEF) requirements, a nationally recognized industry standard. Main topics covered over a two year program will include, but are not limited to:

- Shop Orientation
- Automotive Safety
- Electrical Systems
- Electronic Systems
- Brakes
- Wheels and Tires
- Lubrication System
- Engine Operation

**Full year course – 3.0 credits/elective - .5 credit/Science**

### **AUTOMOTIVE TECHNOLOGY 2 (B DAYS) REG828:**

This course is for the second year Automotive Technology student.

- Engine Repair
- Heater/Air Conditioning
- Automatic Transmission
- Transaxle Manual Drive Train
- Axles

**Full year course – 3.0 credits/elective - .5 credit/Science**

**FIRE SCIENCE**

Would you like to earn your Firefighter I and II?

This program will take you through both certifications in one year. You will develop skills and knowledge necessary to work as a firefighter and develop a great foundation for a degree in Fire Science.

**Fire Science 1 (A Day) REG834 and Fire Science 2 (B Day) REG839:**

This one year program for juniors and seniors will provide students with the knowledge and skill to work as a firefighter and develop the foundation for a college degree in Fire Science. The program will follow the Jones & Bartlett curriculum "Fundamentals of Fire Fighter Skills" and will be driven by extensive hands-on teaching of firefighting skills and tactics. The curriculum will address fire service history, fire service tools and equipment, firefighter safety, forcible entry skills, fire attack skills, hazardous materials incidents, vehicle rescues and extrication and more. Enhancements to the Jones and Bartlett curriculum will include certificates to S-130 and S-190 Wild Land Firefighting, certification in CPR, and introduction to firefighting pumps operations.

The course is designed to provide a start to finish training program that teaches each of the 37 chapters of the Jones & Bartlett curriculum "Fundamentals of Fire Fighter Skills, 2<sup>nd</sup> Ed." The training program meets and exceeds the Fire Fighter 1 and 2 professional qualifications levels as outlined in the 2008 edition of NFPA 1001, Standard for Fire Fighter Professional Qualifications. It also covers all of the Job Performance Requirements (JPRs) listed in the 2008 edition of NFPA 472, Standard for Competence of Responders to Hazardous Materials/Weapons of Mass Destruction Incidents, at the awareness and operation levels. Upon completion of the program, students may take a state accredited test to become pro-board certified "Firefighter 1 and Firefighter 2", which is nationally recognized as a standard for employment in the field.

**Full year course – 2.5 credits/elective - .5 credit/P.E. or Health and .5 credit/Science**

**EMPLOYABILITY SKILLS (A OR B DAY) HS846:  
(Previously called "Diversified Occupations")**

Region 9 Employability Skills program prepares students for entry –level work or movement into another vocation program. This two-year program is designed for 9<sup>th</sup> and 10<sup>th</sup> grade students who are eligible for Special Needs Services, Section 504 accommodations, or have other needs that cannot be met at the sending school.

First year students receive hands on experience through participation in three one-day job shadows and a community job site. Also, during the first year of participation in the program, students receive instruction in Carpentry, Food Service, Retail, Small Engine Repair, Janitorial/Maintenance, Horticulture and Worker Orientation Skills. This is accomplished through daily classroom and shop instruction. Instruction focuses on personal and interpersonal skills, safety on the job, workforce basics, self-improvement and supervised crew work.

Second year students work in specific areas of interest and ability through three Community Job sites. They develop resumes and continue to enhance their Career Portfolios.

**Program Objectives:**

Through participation in the program, the student should be able to:

1. Maintain regular attendance and follow rules;
2. Accurately follow verbal, written and or modeled directions;
3. Demonstrate knowledge of basic safety rules in the classroom and at various job sites;
4. Exhibit the necessary social and personal skills to get and maintain sustained job placement;
5. Identify, operate, and care for the basic tools and equipment used in and perform entry level job skills in the following areas:
  - a. Food Service Occupations
  - b. Janitorial/Maintenance Occupations
  - c. Horticultural Occupations
  - d. Carpentry Occupations
  - e. Small Engine Repair
  - f. Sheet Metal Occupations
  - g. Retail Occupations

Assessment will be achieved through portfolios, self-evaluations, and job skills competency checklist.

**Full year course – 3.0 credit/elective - .5 credit/Fine Arts**

***Due to the nature of this program, Mountain Valley High School reserves the right to recognize fine arts, math, and science credits as part of the 3.5 credits, through prior approval by the IEP Team.***