

# **Missisquoi Valley Union**



**Program of Studies**

**2021-2022**

**Grades 10-12**

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## Missisquoi Valley Union Middle/High School

**Superintendent of Schools**      **Mrs. Julie Regimbal**      **868-4967**

### School Board

Devin Bachelder - Vice Chair	Franklin	285-2287
Joanne Johnson	Franklin	
Peter Magnant	Franklin	285-6243
Jen Chevalier	Highgate	782-7174
Steven Scott	Highgate	868-7850
Chris Shepard - Chair	Highgate	393-2871
Donald Collins	Swanton	868-7975
Meaghan Conly- Clerk	Swanton	793-4804
Terri O'Shea	Swanton	868-3017

### Administration

**868-7311**

<b>High School Principal</b>	Mr. Jay Hartman	Ext. 133
<b>Director of Teaching and Learning</b>	Mrs. Jennifer DeSorgher	Ext. 127
<b>Director of Student Affairs</b>	Mr. Steve Messier	Ext. 138
<b>Athletic Director</b>	Mr. John Lumsden	Ext. 232
<b>Middle School Principal</b>	Mr. Daniel Palmer	Ext. 196
<b>Special Education Operations Manager</b>	Mrs. Linda Rouse-Turner	Ext. 151

### Missisquoi Youth Program

<b>Missisquoi Youth Coordinator</b>	Mrs. Colleen Plante	Ext. 142
<b>Indian Education Director</b>	Dr. Jeff Benay	868-4033

### Guidance Department

<b>Guidance Counselors:</b>	Ms. Tyler Meigs	Ext. 147
	Mrs. Deb Lowe-Murray	Ext. 148
	Mr. Chris Blackburn	Ext. 149
	Mr. Matt Smith	Ext. 203
	Ms. Allison Roy	Ext. 267

### Department Leaders

Mrs. Miranda Becker	English Language Arts
Mr. Jim Daly	Science
Ms. Alyssa Urban	Social Studies
Mrs. Diane Ingham	Foreign Language
Mr. Scott Lagasse	Driver Education, Physical Education, Business Education, Family & Consumer Science
Ms. Lindsay Didio	Fine Arts
Mrs. Maria Gervais	Mathematics
Mr Jay Hartman	Agriculture

## A MESSAGE FROM THE HIGH SCHOOL ADMINISTRATION

Dear Students and Parents:

This 2021-2022 Program of Studies will be your main source of information for reviewing and selecting courses for the next school year. Missisquoi Valley Union offers more than 150 courses for students to choose from and they may also apply to attend one of the ten technical programs available at the Northwest Career and Technical Center for students in grades eleven and twelve. This year's additions and changes continue our goal to provide all students with the courses they need for graduation as well as other classes that they may be interested in taking. Please take the time to read this material so that you can select classes and design an academic program which matches your abilities, interests, talents, and goals. We encourage everyone to enroll in the most challenging programs possible in order to be best prepared for any and all the opportunities that may await you after graduation. Guidance counselors, department leaders, and current teachers in all areas will help provide recommendations about appropriate course selections for next year.

I hope that this Program of Studies is helpful in selecting your classes for next year. Whether you are entering high school for the first time or preparing for your final year at MVU, planning and preparing for your future is an important responsibility. Remember there is no such thing as a "silly or bad" question. Ask for assistance if you are unsure. Best wishes and good luck with your course selections for next year. Thanks for being a Thunderbird and HAVE A GREAT DAY!

Respectfully,

Jay Hartman  
High School Principal

### **\*\*NOTICE OF NONDISCRIMINATION\*\***

Any person having inquiries concerning the Missisquoi Valley Union High School District's compliance with the regulations implementing Title VI, Title IX, Section 504 or other state or federal non-discrimination coordinator described above. It is the policy of the Missisquoi Valley Union School Board to continue to implement affirmatively equal educational opportunities for all students without regard to race, color, religion, national origin, age, marital/civil union status, sexual orientation, gender identity, economic status or handicapping condition. NOTICE OF NONDISCRIMINATION - The Missisquoi Valley Union Board will not unlawfully discriminate against any person or group on the basis of race, color, religion, national origin, age, marital/civil union status, sexual orientation, gender identity, economic status or handicapping condition. Applicants for admission and employment, students, parents, employees, sources of referral of applicants for admission and employment, and all unions or professional organizations holding collective bargaining or professional agreements with the Missisquoi Valley Union School District are hereby notified that this District does not discriminate on the basis of race, color, religion, national origin, age, marital/civil union status, sexual orientation, gender identity, economic status or handicapping condition in admission or access to, or treatment or employment in, its programs and activities. The school principal has been designated by the Missisquoi Valley Union School District to coordinate the District's efforts to comply with the regulations implementing Title VI, Title IX, and Section 504 of the Rehabilitation Act of 1973, and other non-discriminating laws or regulations. The designated person may be contacted by mail at 175 Thunderbird Drive, Swanton, VT. 05488, or by telephone at (802) 868-7311 ext. 133.

## **Program of Studies Course Selections**

This Program of Studies outlines all of the courses offered at Missisquoi Valley Union High School. Unless otherwise noted, the description of a course in this booklet indicates that the school is prepared to offer the course. However, if too few students select a given course, it may be necessary to cancel the course for the 2019-2020 year.

In cases where courses are oversubscribed, priority for enrollment will be given to seniors, then juniors, then sophomores and finally freshmen. Students who cannot be enrolled in a course of their first choice will be offered an alternate course to maintain a full program.

### **Our Mission**

Our mission is to provide opportunities for all students to achieve their individual potentials in a diverse and respectful environment where high standards for academics, ideas, and people are valued. MVU is committed to building an active learning community where all are accountable to ensure students develop the skills and knowledge to grow into responsible and productive citizens.

### **Our Vision**

We at MVU envision a respectful community of learners guided by the values of integrity, accountability, and success for all of our students.

## **Proficiency Based Learning at Missisquoi Valley Union**

In 2013, the Vermont legislature passed what is known as Act 77. Act 77 requires secondary schools to adopt Proficiency Based Graduation Requirements (PBGRs). Simply, this state law requires high schools to commit to high levels of learning for each and every student. Beginning with MVU's class of 2022, each student must demonstrate proficiency in the identified standards in order to graduate.

Traditionally, high schools have measured student progress using a credit system. If a student passed a course, they received a credit for that course to apply toward graduation. In a proficiency based system, students must demonstrate that they are proficient at grade level in identified standards. This is a higher level of accountability and performance for students; they will no longer be permitted to 'get by', but must demonstrate their learning at a level of proficiency.

Now that students must demonstrate that they are proficient in order to graduate, it requires us to think differently about intervention. Thinking differently about intervention means that we provide a system of mandatory supports to make sure all students reach proficiency on our graduation requirements. We have interventions in place, such as our Academic Core Support, Reading Intervention, Reading and Writing Lab, Credit Recovery,, T-Bird Time, and Math Intervention programs.

Act 77 also contains parts about Personalized Learning. In terms of personalization, all of MVU's students have Personal Learning Plans (PLPs) and our school offers many unique learning opportunities. MVU combines traditional classroom experiences and nontraditional learning opportunities that reflect student interests, strengths, and needs, incorporating support from faculty advisors and community members. Traditional classroom experiences are enriched by student-centered learning, student choice, and intervention. Nontraditional opportunities include flexible pathways such as work-based learning and personalized courses of study.

As students progress through the MVU program, they will sample a variety of elective experiences and work towards specific achievements that will help prepare them for life beyond high school.

# Missisquoi Valley Union Graduation Requirements: [Criteria of Proficiency](#)

*Beginning in the Fall of 2018 with the Class of 2022*

## Proficiency Based Grading and Reporting

Proficiency Based Graduation Requirements compel schools to think differently about how they report student learning; traditional grades are familiar, but inadequate for tracking student progress toward proficiency. Student scores will be recorded and reported for academic content and Habits of Work. Some students may have modified expectations based on individual need.

### MVU Academic Content Scale

Academic content will be scored using the following scale.

<b>4</b>	<b>Proficient with Distinction</b>	<i>The student has provided evidence of their learning that demonstrates understanding beyond the grade level expectations.</i>
<b>3</b>	<b>Proficient</b>	<i>The student has provided evidence of their learning that meets grade level expectations.</i>
<b>2</b>	<b>Progressing</b>	<i>The student has provided evidence of their learning that shows they are making progress in meeting the grade level expectations.</i>
<b>1</b>	<b>Beginning</b>	<i>The student has provided evidence of their learning that shows they are beginning to meet the grade level expectations.</i>
<b>0</b>	<b>No Evidence</b>	<i>The student has not provided evidence of their learning on this grade level expectation.</i>

## MVU Grade 7-12 Habits of Work

	<b>Rarely</b>	<b>Frequently</b>	<b>Consistently</b>
<p><b>Personal Responsibility for Learning</b> <i>I demonstrate initiative and responsibility for learning.</i></p> <p>Self Direction (TS 2.d)</p>	<p>I often need reminders to bring the required materials to be ready for learning.</p> <p>I often need reminders to complete and submit tasks on time</p> <p>I often need reminders to arrive to class on time and remain in class as expected</p>	<p>I frequently have the required materials to be ready for learning.</p> <p>I frequently complete and submit tasks on time</p> <p>I frequently arrive to class on time and remain in class as expected</p>	<p>I consistently have the required materials to be ready for learning</p> <p>I consistently complete and submit tasks on time</p> <p>I consistently arrive to class on time and remain in class as expected</p> <p>I positively and respectfully advocate for my learning needs</p>
<p><b>Persistence</b> <i>I persist in solving challenging problems and learn from failure.</i></p> <p>Creative and Practical Problem Solving (TS 3.h)</p>	<p>I often need prompting to approach a challenging problem. I sometimes give up when a task seems too difficult.</p>	<p>With feedback, I persist in solving challenging problems and sometimes learn from mistakes and stuck points.</p>	<p>I seek out and/or persist in solving challenging problems and learn from mistakes and stuck points</p>
<p><b>Responsible Citizenship</b> <i>I take responsibility for personal decisions and actions.</i></p> <p>Responsible and Involved Citizenship (TS 4.b)</p>	<p>I am working on taking some ownership for my productivity and decisions in terms of how they affect the learning environment</p>	<p>With reminders, I can take ownership for my productivity and decisions in terms of how they contribute to a positive learning environment</p>	<p>I can demonstrate responsibility for my productivity and decisions in terms of how they contribute to a positive learning environment</p>

The MVU Thunderbirds Habits of Work are based on the Vermont Transferable Skills

## **ACT 77 FLEXIBLE PATHWAYS**

“With the 2013 passage of the Flexible Pathways bill, ACT 77, Vermont’s Early College Program was expanded with funds being made available to students beginning in the 2014-2015 academic year for programs that are developed and operated or overseen by one of the Vermont State Colleges, by the University of Vermont, or by an accredited private post-secondary school located in Vermont and that is approved for operation by the Secretary.”

VT LEG #292178 v.1

### **Dual-Enrollment and Vermont Flexible Pathways**

The Vermont State College System in conjunction with the State of Vermont, has created the Dual Enrollment Program which enables Vermont students to access two free college level courses during junior and/or senior years of high school. The tuition voucher can be used at any of the Vermont State Colleges, the University of Vermont, and other selected private colleges. The course is recorded as both high school credit and college credit, and credit may transfer to the college of choice following graduation. Students interested in taking any dual enrollment courses must first work with their school counselors to apply for the voucher.

### **Early College Program (ECP)**

With the 2013 passage of the Flexible Pathways bill (Act 77) and the establishment of Vermont’s Early College Program (ECP), access to Vermont State Colleges, the University of Vermont, and other postsecondary schools located in Vermont has been expanded. Colleges throughout the state offer an early admission program that allows high school seniors to take a full year of college level classes. The ECP simultaneously serves as a student’s senior year of high school and a full first year of college credit. For specific information regarding ECP opportunities, go to

<https://education.vermont.gov/student-learning/flexible-pathways/early-college>.

**Vermont Academy of Science and Technology (VAST)** is a full-year Early College and High School completion program for High School Seniors. VAST is an independent, accredited high school exclusively for high school seniors. At VAST, students receive a high school diploma and complete a year of college at the same time through Vermont Technical College. Planning for this option must start at the beginning of junior year so that prerequisite steps can be completed before the application deadline. Further information is available online at <https://www.vtc.edu/academics/vermont-academy-science-technology-vast>.

## **Accelerated and Advanced Placement (AP) Courses**

These courses are available for students who have a record of outstanding achievement in an academic discipline at the accelerated level. Interested students need to have the recommendation of their current teacher, although parents may request the opportunity to have their child placed in an accelerated or advanced placement course. For most accelerated and AP classes students are assigned work that they are expected to complete over the summer. Students who register for accelerated and/or AP courses will not be able to drop the classes even if they do not complete the assigned summer work. Students will instead be expected to make up the summer work after school on their own time and with direction from the teacher(s) involved. Students who enroll in an accelerated or AP course will receive a letter from their instructor which further explains the policy related to summer work assignments.

Advanced Placement is a program of the College Entrance Examination Board. It provides advanced study at a level comparable to a first-year college course, for very able and highly motivated high school students throughout the United States. Most colleges and universities award credit or exempt students from required courses on the basis of grades earned on AP examinations offered in May of each school year. All students enrolled in AP courses at MVU are encouraged to take the AP exams. Also, any student may have the opportunity to take an AP exam. Questions regarding the AP exams may be directed to Ms. Tyler Meigs in the MVU Guidance Department ext. 147

### **Advanced Placement Courses Available**

English Literature and Composition  
English Language and Composition  
Calculus  
Statistics  
Biology  
Psychology  
US Government & Politics  
US History  
Art

## **Steps for Participating at MVU in the VT Dual Enrollment Program**

**\*\*Prior to enrolling in any dual enrollment class, you must notify your MVU guidance counselor\*\***

As of the fall of 2015, MVUHS Juniors and Seniors who wish to earn college credit through the Vermont Dual Enrollment program must have an active **Personalized Learning Plan (PLP)** which includes the goal(s) and relevance of their Dual Enrollment courses. To be approved for the voucher to pay for a college class, students will need to follow the process outlined below. Please note that students are eligible the summer after they complete their sophomore year when they are considered to be “rising” to Junior year.

1. Schedule a meeting with the guidance counselor.
2. To qualify for entrance to a college-level class through Dual Enrollment, students have to have standardized assessment scores on file with the Community College of Vermont (CCV). Students who have not taken the SAT or ACT (or have but have not achieved college entrance level scores) can take the Accuplacer skills assessment administered by CCV. These are free assessments that evaluate reading, writing and math competency. This should take 45-90 minutes for the whole assessment.. For the convenience of the student, the Accuplacer will be offered at MVU prior to the start of the college semester. Students can also contact CCV in St. Albans (524-6541) to schedule a time to take the Accuplacer at their facility.
4. Students must apply for a Vermont Dual Enrollment account before they can apply for their voucher for a class. Students can visit the following link to apply for a student account: <https://dualenrollment.vermont.gov/vtde>. Under the login area, click request student account and follow the directions. Once the coordinator approves the account you will be able to apply for your voucher.
5. Registration for Dual Enrollment covers courses at CCV, one of the participating Vermont colleges, online options, or CCV classes offered at MVU.
6. Students must request a transcript from the college/university upon completion of a dual enrollment class in order to have credit included on the MVU transcript

### **MVU Dual Enrollment Course Options**

Psychology  
College Civics

# Missisquoi Valley School District AFTER SCHOOL & SUMMER PROGRAMS

Committed to enriching the lives of  
Franklin, Highgate, Sheldon and Swanton students,  
by providing inspirational, educational, experiential activities,  
opportunities and academic support.



Crossroads  
After School

മിസ്സിക്വോയി  
വിലേജ് സ്കൂൾ ഡിസ്ട്രിക്ട്



## MVU Clubs Sponsored by AfterHours

High school students can participate in various clubs sponsored by the AfterHours program as a way to expand on their skills or learn something new that interests them. Clubs are student-focused, formed by students with a teacher advisor. These clubs have the flexibility to meet with a varied frequency and schedule that is convenient for club members and their advisor(s).

Participation in AfterHours sponsored clubs can earn up to a half elective credit, to be added to their academic transcripts. Clubs can also be incorporated into a student's Personalized Learning Plan and be used as part of their Proficiency Based Grade. Details will be worked out between students, advisors and the guidance department. Students interested in starting their own clubs should contact the MVU AfterHours Coordinator at 868-7311, ext. 156.

The AfterHours program at MVU is a 21st Century Community Learning Centers (CCLC) Program. This program was created to provide academic enrichment opportunities during non-school hours for youth. The AfterHours program offers students a broad array of enrichment activities that include after school classes/activities that complement the school day academic programs, homework help, tutoring, clubs and extended school library hours

## INTERVENTIONS AND SUPPORTS FOR GRADE 10

### **0010            ACADEMIC CORE SUPPORT**

**Gr. 10**

Students will be recommended to Academic Core Support for targeted math and reading intervention

### **MATH AND READING INTERVENTION**

During Academic Core Support, students in need of targeted math and/or reading skills remediation will receive instruction from our Math and/or Reading Interventionist, who will focus on the prerequisite skills necessary for success.

### **0114            WRITING AND READING LAB**

**Gr. 10**

**1 period**

**2 semesters**

***Prerequisites: Enrollment by teacher recommendations, individual education plan, and diagnostic assessments***

This course supports reading, writing, and vocabulary in the content area classes. Students are pre-taught, guided through extra practice, and supported in reading and writing activities in order to increase understanding and achievement in all classes. This course has no homework and is graded as pass/fail based on individual progress and time on task effort in the classroom.

## ENGLISH LANGUAGE ARTS

The mission of the English Language Arts Department is to develop students' abilities to learn and to communicate through the power of reading, writing, speaking, and listening. Through their English language studies, students become aware that reading and writing are essential and lifelong pursuits. They learn to use the writing process to create well-constructed pieces of writing in a variety of situations and for many audiences. Students are encouraged to read for a variety of purposes and to interpret their reading for pleasure, for critical analysis, and for informed decision-making. In addition, the department believes that it is important to prepare students for the information age. As a result, emphasis is placed increasingly on developing computer technology skills in accessing information, thinking critically, and making informed decisions and in producing multimedia expressions of their learning.

### **0121            ENGLISH 10**

**Gr. 10**

**1 period**

**2 semesters**

**1 credit**

***Prerequisites: English 9***

This course supports students to make progress on ELA graduation proficiencies. The following skills are prioritized: reading for theme; analysis of informational text; collaborating in small and large group discussions about theme; research; the writing process including revision; and independent reading and writing. Instruction is differentiated by student learning style and ability, as well as student interest.

### **0132            ENGLISH 11**

**Gr. 11**

**1 period**

**2 semesters**

**1 credit**

***Prerequisites: Completion of sophomore English***

This course begins with a study of the literary device of conflict, followed by an introduction to rhetorical analysis. Students develop and refine the skills necessary for expository and argumentative writing. Research methods and independent reading are integrated into the course.

## Language Arts Career Paths and English Electives

To fulfill the state and MVU requirements for graduation, a student must take two additional semesters of ELA electives beyond the 9-11th grade core classes. Sophomores and juniors who have room in their schedule are welcome to sign up for these courses as long as they are simultaneously signed up for their English core class.

**0128 COLLEGE WRITING 11**  
Gr. 11 1 period Spring Semester ½ credit

**Prerequisites:** *Desire to attend college after high school*

This semester-long course is designed to improve the language and writing skills of college bound students. The primary focus of this course is to study the SAT with a particular emphasis on vocabulary, timed-writing, and reading comprehension. We will work on preparing juniors for the SAT offered at MVU in the spring. The course will also examine strategies for writing effective scholarship and college admissions essays.

**0108 COLLEGE WRITING**  
Gr. 12 1 period Fall semester ½ credit

**Prerequisites:** *Desire to attend college after high school*

This semester-long course is designed for first semester seniors to improve the language and writing skills of college bound students. The primary focus of this course is to examine strategies for writing effective scholarship and college admissions essays. Students will also study the SAT with a particular emphasis on vocabulary, timed-writing, and reading comprehension. We will prepare seniors for the SAT offered at MVU in the fall.

**0118 HUMANITIES IN ACTION**  
Gr. 11-12 1 period 1 semester ½ credit

Students can fulfill either English or Social Studies graduation credit requirements by completing a community action research project. With support from English and Social Studies teachers, students will identify a compelling topic or local problem that stems from personal interests or career goals. Students will form questions to guide their research, locate a variety of reliable sources, organize their information and learning, and use their learning to better the community in some way. Students will discuss, support, and collaborate with peers, teachers, and community members. At the end of the course, students will share and celebrate their results. **Credit may be applied to either ELA or Social Studies.**

**0105 JOURNALISM**  
Gr. 10-12 1 period 1 semester ½ credit

This course is designed for students interested in newspaper journalism and developing their skills as writers. Students will explore the contemporary media and the ethical responsibilities of journalists as well as participate in the writing and production of the MVU student newspaper. They will learn the fundamentals of news, feature and editorial writing, and will develop their critical reading skills as they analyze news articles for bias, and learn to recognize “fake news.” This class is taught at an accelerated level for students preparing to attend a four year college or university.

**0112 PUBLIC SPEAKING**  
Gr. 11-12 1 period 1 semester ½ credit

**Prerequisites:** *Completion of English 10*

This course is designed to assist students in developing practical skills for effective public speaking. Students will select and organize ideas, support ideas clearly and logically, adapt performances and messages to particular audiences with a close study of rhetoric, and deliver effective messages with confidence and enthusiasm. Students will develop and refine lifelong skills essential to the workplace and to becoming a more engaged citizen in society. Students will be immersed in various forms of spoken expression including impromptu speeches, informational presentations, persuasive performances, and oral storytelling.

**0103 TECHNICAL READING AND WRITING**  
**Gr. 11-12 1 period 1 semester ½ credit**

This course is designed for students who plan to pursue a job-oriented path after high school. Students will develop reading and writing skills that will be required in technical careers such as those in the trades or office professions. Students will learn how to read informational texts like technical manuals, computer programs, and blueprints. Students will master content-specific vocabulary and practice crafting formal correspondence and technical instructive writing (i.e. manuals). The reading and writing skills developed in this course will support students' transition from high school to a professional career.

**ADVANCED PLACEMENT COURSES OFFERED IN ELA:**

***Prerequisites: Capability to do college level work and teacher/counselor approval***

**0123 ADVANCED PLACEMENT LANGUAGE AND COMPOSITION**  
**Gr. 11-12 1 period 2 semesters 1 credit**

***Prerequisites: Teacher/Counselor recommendation, strong English skills, and self-motivation (Summer assignment required).***

This course is designed to take your awareness of both the reading and writing processes to the highest level in preparation for college. In reading, the mastery of rhetorical analysis is a key goal, as is more self awareness of reading strategies such as making inferences, recognizing tone, and distinguishing shades of meaning. In writing, we will do intensive work at organizing more complex expository structures, developing new levels of fluency in structure and diction, and more full development of evidence. Students enrolled in this course will be prepared to take the Advanced Placement examination, but taking the official exam in May is not required.

**0124 ADVANCED PLACEMENT LITERATURE AND COMPOSITION**  
**Gr. 12 1 period 2 semesters 1 credit**

***Prerequisites: Due to the challenging expectations of this course, students choosing to take the Advanced Placement Literature elective must meet certain criteria for enrollment. Students must read at grade level, and complete a summer reading and writing assignment.***

This course is designed to prepare students to reason and write at a level expected of moderately to highly competitive colleges. AP Literature introduces students to the language of literary analysis. Students may be required to read as many as twenty pages per night to complete the chosen major works of world literature which make the core foundation of this course. Through reading, writing, and Socratic discussion, students evaluate adult literary themes and concepts in order to develop a sensitivity to, and appreciation of, the literary work, its language, character, theme, structure, and meaning. Most written pieces will be timed (on-demand), but students are also expected to process pieces. Students enrolled in this course will be prepared to take the Advanced Placement examination, but taking the official exam in May is not required. In preparation for this course, students are required to complete summer reading and writing projects which are factored into the first quarter grade average.

**Language Arts Credit Options for NWTC**

The following classes at Northwest Technical Center will qualify as a language art elective or applied language art credit upon completion of the two year program: **Cosmetology I/II, Emergency & Fire Services I/II, Human Services I/II, Medical Professions I/II, Culinary Arts I/II, Marketing I/II, Digital Arts I/II, and Video Production I/II.** (Grade 11 students will receive a .5 elective credit; grade 12 students will receive .5 applied language arts credit.) \*Senior students may apply the .5 credit in applied language arts towards fulfillment of their applied language art component of their senior English.

## **SOCIAL STUDIES**

The Social Studies program at MVU is based on the College, Career, and Civic Life (C3) Framework for Social Studies State Standards. These national standards require students to demonstrate the skills needed for independent, lifelong learning through **inquiry** and **problem solving** skills, and personalized, real world understandings of **civics, economics, geography, and history**.

All students are required to take three and a half years of social studies. In 9th and 10th grade, students address the standards-based proficiencies through required year-long, thematic studies of our world and nation to answer such essential questions as, “How do average people create change?” and “What does it mean to be an American?” Students can choose which course or courses to take for 2 semesters in their 11th and/or 12th grade year. In 12th grade, students take the required Economic Citizenship to complete their social studies proficiencies and demonstrate **economic** and **civic** skills needed to be a conscious and engaged community member

To create the best educational pathway within these requirements, each student, with the advice of their parents, counselors, and teachers, should consider the following:

**9th and 10th grade:** Students are encouraged to challenge themselves within their regular social studies course by opting to complete the honors credential. They are also encouraged to fulfill social studies graduation requirements early by taking a second social studies course their 9th and/or 10th grade year, such as Local History, or History of War

**11th and 12th grade:** Students may fulfill graduation requirements by taking 2 separate semester courses OR take a year long course that fulfills both. Students who are ready for college level work are encouraged to do this through taking AP courses. Students who are interested in college level work, but need more support building time management, organization, test and note taking skills should take College Civics, which offers that support paired with the opportunity to earn 3 CCV credits in U.S. Government and Politics.

Examples of course combinations in **11th grade:**

S1	S2
<u>History of War</u>	<u>Humanities in Action</u>
<u>Humanities in Action</u>	<u>Abenaki &amp; Local History</u>
<u>Humanities in Action</u>	<u>Humanities in Action-history focus</u>
<u>College Civics</u>	
<u>AP U.S. History or AP U.S. Government and Politics</u> ***rotates every other year***	
<u>AP Psychology</u>	

## **REQUIRED COURSES:**

### **SOC0232 U.S./VERMONT HISTORY I and II**

**Gr. 10**

**1 period**

**2 semesters**

**1 credit**

This standards-based college preparatory course will provide students with an understanding of the important trends in the history of our nation and state. Focus is on citizens' rights, change over time, inquiry, and key events such as the Civil War, Westward Expansion, Industrialization, the Great Depression, and the World Wars. Emphasis is on the skills of writing, discussion, and making connections over history.

### **0216 ECONOMIC CITIZENSHIP**

**Gr.11-12**

**1 period**

**1 semester**

**½ credit**

This course is designed to bring together students' previous five years of social studies so they may make sense of the world, and clearly define their role in it. Students must demonstrate their ability to be an informed and independent citizen, to manage a budget and navigate a ballot, and to be part of a successful family, town, state, and nation. Students will create a personalized web portfolio that organizes the most relevant pieces from their high school career, such as: research papers/projects, resume, SMART goals for career and personal life, and reflection pieces. Discussions, class materials, independent research, and community projects will help students gain the knowledge and understanding needed. The web portfolio will be under full student ownership, and can be accessed and edited for college and career purposes for years to come. \*This course is required for graduation.

## **ELECTIVE COURSES: These personalized courses may be taken multiple times, for both social studies and/or elective credit, as student choice determines what is studied.**

### **0217 ABENAKI AND LOCAL HISTORY**

**Gr. 10-12**

**1 period**

**1 semester**

**½ credit**

This course is designed to expose students to the enormous amount of local history that exists in Franklin County and Vermont. Students will learn how large national events unfolded here at home, and conduct group and individual inquiry projects using local resources such as historical societies, archaeological digs, and historians or experts. Students will be expected to participate in numerous class discussions and hands-on learning opportunities. Some work will also be done using Ancestry.com and online sources to trace local family lines. The class will also explore the Abenaki/NativAmerican history of the region.

### **0219 MILITARY HISTORY**

**Gr. 10-12**

**1 period**

**1 semester**

**½ credit**

This course is an exploration of the role of war throughout history. Students will research topics of personal interest related to war, and discuss current conflicts in the world. Students will complete small scale inquiries, as well as an in-depth historian project. Movies, music and other media will be used to show the impacts of war on soldiers, veterans, civilians, leaders, and the environment.

### **0220 HUMANITIES IN ACTION 11**

**Gr. 11-12**

**1 period**

**1 semester**

**½ credit**

Students can fulfill either English or Social Studies graduation credit requirements by completing a community action research project. With support from English and Social Studies teachers, students will identify a compelling topic or local problem that stems from personal interests or career goals. Students will form questions to guide their research, locate a variety of reliable sources, organize their information and learning, and use their learning to better the community in some way. Students will discuss, support, and collaborate with peers, teachers and community members. At the end of the course, students will share and celebrate their results. Students taking the course for social studies credit can use this

format to explore topics previously offered as stand alone electives in a more personalized and rigorous setting. Such topics include: history of a group or nation, such as African American history, history of Canada, European history, or others, law, sociology, anthropology, philosophy, mass media and popular culture, or current events. **Credit may be taken in either ELA or Social Studies.** **\*\*To fulfill the history graduation requirement, students must choose a project with a heavy history focus\*\*\***

**0291 MVUNITY LEADERSHIP**

**Gr. 9-12**

**Weekly T Bird Time Meetings**

**½ credit**

Students who are interested in serving on the MVUnity Response Team will meet regularly with an advising teacher to document their progress and participation in improving the MVU community. Students meeting the team requirements will be awarded proficiency credit in Civics, Inquiry, and Problem Solving.

**COLLEGE LEVEL COURSES:**

**0221 COLLEGE CIVICS 11**

**Gr. 11-12**

**1 period**

**2 semesters**

**1 credit**

This course is designed for those who are interested in college level work, but need more support in time management, organization, test and note taking skills. The first semester will focus on those college skills and will gradually build in the content of U.S. government and politics. The second semester will focus on both the study of general concepts of U.S. government and politics, and the analysis of specific examples of current events, policy, media, and court cases, including those from local and Vermont government. Topics covered will be: The Constitution, Political Beliefs and Behaviors, Political Parties, Interest Groups, Mass Media, Institutions of National Government, Public Policy, and Civil Rights and Liberties. **\*Dual enrollment option for 3 college credits with CCV.**

**0202 AP PSYCHOLOGY (will appear as AP Psychology 10th on selection screen)**

**Gr. 11-12**

**1 period**

**2 semesters**

**1 credit**

Advanced Placement Psychology focuses on the evolution of modern psychology, different approaches to psychology, and advanced topics like abnormal psychology. The course follows the rigorous AP curriculum established by the College Board, including in-depth study of a variety of concepts, issues, and theories in the field of Psychology. Students will use a scientific approach to investigate human behavior and mental processes. Specific topics of study include memory, sensation and perception, personality, psychological disorders and treatments, and social psychology. The culminating activity of the course will be the AP examination by which students may earn college credit for their work. Students who are considering careers in the social services or in psychology are encouraged to take this class.

\*Dual enrollment option for 3 college credits with CCV.

**0222 AP US GOVT. AND POLITICS 11**

**Gr. 11-12**

**1 period**

**2 semesters**

**1 credit**

***This course is only offered every other year, running in 2020-21, will NOT run in 2021-22***

AP United States Government and Politics is a year-long course that will give students an analytical perspective on government and politics in the United States. This course includes both the study of general concepts of U.S. government and politics, and the analysis of specific examples of current events, policy, media, and court cases, including those from local and Vermont government. In the preparation of the AP exam, topics covered will be: Constitutional Underpinnings of United States Government, Political Beliefs and Behaviors, Political Parties, Interest Groups, and Mass Media, Institutions of National Government, Public Policy, and Civil Rights and Civil Liberties, Community Service is a requirement for this class as well.

**0242 AP UNITED STATES HISTORY**  
**Gr.10-12 1 period 2 semesters 1 credit**

***This course is only offered every other year, running in 2021-22, will NOT run in 2022-23***

AP U.S. History is designed to be the equivalent of a two semester introductory college or university U.S. history course. In AP U.S. History students investigate significant events, individuals, developments, and processes in nine historical periods from approximately 1491 to the present. Students develop and use the same skills, practices, and methods employed by historians: analyzing primary and secondary sources; developing historical arguments; making historical comparisons; and utilizing reasoning about contextualization, causation, and continuity and change over time. The course also provides seven themes that students explore throughout the course in order to make connections among historical developments in different times and places: American and national identity; migration and settlement; politics and power; work, exchange, and technology; America in the world; geography and the environment; and culture and society. The course follows the rigorous AP curriculum established by the College Board. The culminating activity of the course will be the AP examination by which students may earn college credit for their work. Sophomores must get a teacher's recommendation.

## **MATHEMATICS**

In order to fulfill the expected learning in The Common Core Standards, all high school students are required to earn three credits in math as a requirement for graduation. Algebra, Geometry, Algebra 2, Pre-Calculus, Calculus, and Adventures in Statistics and Probability use a curriculum that has been aligned with Common Core (CCSS) Standards.

**0339 GEOMETRY +**  
**Gr. 9-10 1 period 2 semesters 1 credit**

***Prerequisite: Algebra with a Passing Grade***

Geometry topics include constructions, circle properties, similarity, algebraic reasoning, trigonometric ratios, properties of quadrilaterals and triangles, proofs of theorems, transformations. Course instruction includes investigations that are designed to help students apply geometry concepts as they explore problems and make connections with other areas of mathematics.

**0330 ALGEBRA II +**  
**Gr. 10-12 1 period 2 semesters 1 credit**

Algebra II is a continuation of Algebra I. Advanced Algebraic reasoning is emphasized in this course. Topics include solving equations and inequalities, solving polynomial and rational functions, as well as a catalogue of elementary functions including but not limited to linear functions, absolute value functions, piecewise functions and square root functions.

**0321 ALGEBRA II/PRE-CALCULUS**(will appear as Algebra II/Pre-Calculus 10th on selection screen)  
**Gr. 10-12 2 periods 2 semesters 2credits**

***Prerequisite: Teacher recommendation & Dept Leader approval***

This course is designed for students who wish to take AP Calculus or AP Statistics their senior year. Algebra II will be held daily for Semester 1 and Pre-Calculus will be held daily for Semester 2. Upon completion of Pre-Calculus you will receive 2 credits. A math teacher must recommend student with Department Leader approval.

**0303 PRE-CALCULUS 11**

**Prerequisite: Passing completion of Algebra II**

**Gr. 11-12**

**1 period**

**2 semesters**

**1 credit**

This course is designed for those students who are planning to take calculus or other advanced math courses. Topics covered include linear and nonlinear functions, analytic geometry, trigonometry, logarithms, complex numbers, sequences and series, and limits and derivatives.

**0302 PROBABILITY AND STATISTICS**

**Gr. 11-12**

**1 period**

**2 semesters**

**1 credit**

This year long course is designed for juniors and seniors with an algebra background seeking to understand the importance of statistics in the world. Topics covered will include summarizing and graphing data, using measures of center and spread to describe, explore, and compare data. Probability and conditional probability will be discussed and explored through simulations.

**0304 AP CALCULUS 11**

**Prerequisites: Passing completion of Pre-Calculus**

**Gr. 11-12**

**1 period**

**2 semesters**

**1 credit**

This is a rigorous full year course in Calculus AP as prescribed by the College Board that incorporates two broadly based conceptual themes. The two themes are differential calculus and integral calculus with applications. A student in this class must be prepared to Complete independent work daily outside of class time.

**0305 AP STATISTICS 11**

**Prerequisite: Passing completion of Algebra II**

**Gr. 11-12**

**1 period**

**2 semesters**

**1 credit**

This is a rigorous full year course in Statistics as prescribed by the College Board that incorporates three broadly based conceptual themes. The three themes are descriptive statistics, inferential statistics, and experiment design. A student in this class must be prepared to spend a minimum of 1 ½ to 2 hrs of study time for each hour of class time. ***This course requires the use of the TI-83 graphing calculator for technology support.***

**0358 SAT/ACT MATH PREP**

**Gr. 10-12**

**1 period**

**1 semester**

**½ credit**

This semester course is designed for students who plan on taking the math PSATs, SATs, and/or ACTs. This course will give a review of the structure of the test, provide test taking skills and strategies for solving math problems in a standardized test taking setting.

## **SCIENCE**

All students are required to take a three year sequence of science literacy courses. The Science 09, Science 10 and Science 11 courses follow the [Conceptual Progression Model](#) as stated by the [Next Generation Science Standards \(NGSS\)](#) that were adopted for full implementation by the VT Agency of Education by 2017. Students will receive instruction that integrates Earth and Space Science, Life Science, Physical Science, and Engineering-Technology and Society each year instead of focusing on a full year of each branch of science separately. These new NGSS designed courses have thematic units that emphasize Science and Engineering Practices and Cross-Cutting Concepts for a limited number of Disciplinary Core Ideas. The topics of study have a conceptual progression that is mapped out for three years at a time. Visit <http://www.nextgenscience.org/> for more information. There are also traditional elective courses in the sciences that are designed to complement the required Science 09, Science 10, and Science 11 courses to offer additional rigor and preparation for college sciences. Most of the electives are now offered as semester courses that will better enable students to fit them into their schedule.

### **SCI0421 SCIENCE 10**

**Gr. 10**

**1 period**

**2 semesters**

**1 credit**

All sophomore students are required to take this science literacy course as recommended by the Next Generation Science Standards . There is also a one semester elective companion course labeled CP Biology that offers some traditional topics that supplement the Science 10 course available to the sophomore class. Along with the Science and Engineering standards and the Cross-Cutting Concepts outlined in the NGSS, the following units address a variety of Disciplinary Core Ideas:

Interdependent Relationships in Ecosystems  
Cycles of Matter and Energy Transfer in Ecosystems  
Organization for Matter and Energy Flow in Organisms  
The Universe and Its Stars  
Growth and Development of Organisms  
Structure and Function  
Variation of Traits

### **SCI0433 SCIENCE 11 (required)**

**Gr. 11**

**1 period**

**2 semesters**

**1 credit**

All juniors are required to take this science literacy course as recommended by the Next Generation Science Standards or three semesters of the 11/12 science electives. Science 11 students will study the following Core Ideas: Nuclear Processes, Biological Evolution, Earth History and Systems, Biogeology, Earth and Human Activity, and Engineering Design.

### **0438 CP Biology**

**Gr. 9-10**

**1 period**

**1 semester (Spring only)**

**½ credit**

College Preparatory Biology is a Spring Semester elective designed to supplement the Science 10 curriculum with some of the traditional units of study for students who are truly interested in science and preparing for the advanced College Preparatory Electives that are offered in grades 11-12. Microbiology, plants and animals are topics to be discussed. Students will be required to write format lab reports, read primary literature, and to become active learners through activity-based explorations that promote further opportunity to apply the Science and Engineering practices.

**0414 CP CHEMISTRY FALL - Liquids and Gases****Prerequisites: Successful completion of Science 10 (and CP Bio preferred)****Gr. 10- 12                      1 period                      fall semester                      ½ credit**

College Preparatory Chemistry - Liquids and Gases is a one Semester fall elective designed to supplement the Science 11 curriculum. This rigorous course is a stand-alone offering for students that want to be prepared for traditional units of study in college chemistry. You do not have to take CP Chemistry - Liquids and Gases in order to enroll in CP Chemistry- Energy and Electrons and vice versa. Topics of study include: laboratory skills, solutions, solubility, concentration, acids/bases, equilibrium, and gases. Students will be required to write formal lab reports after designing their own investigations, and to become active learners through activity-based explorations that promote further opportunity to apply the Science and Engineering practices.

**0418 CP CHEMISTRY SPRING - Energy and Electrons****Prerequisites: Successful completion of Science 10 (and CP Bio preferred) and CP Chemistry Fall****Gr. 10-12                      1 period                      spring semester                      ½ credit**

College Preparatory Chemistry - Energy and Electricity is a one Semester spring elective designed to supplement the Science 11 NGSS curriculum. This rigorous course is a stand-alone offering for students that want to be prepared for traditional units of study in college chemistry. You do not have to take CP Chemistry - Liquids and Gases in order to enroll in CP Chemistry- Energy and Electrons and vice versa. Topics of study include: laboratory skills, reactions, stoichiometry, thermochemistry, and reduction/oxidation. Students will be required to write formal lab reports after designing their own investigations, and to become active learners through activity-based explorations that promote further opportunity to apply the Science and Engineering practices.

**0461 CP ANATOMY AND PHYSIOLOGY 11****Gr 11-12                      1 period                      1 semester                      ½ credit**

A survey of human anatomy and physiology. Topics will include the organization and structure of the major body systems, including muscular, skeletal, nervous, circulatory, digestive, excretory, endocrine and reproductive. Emphasis placed on the integration of bodily processes and the impact of technology on human biology.

**0462 CP PHYSICS FALL 11 (Newtonian Mechanics)****Prerequisites: Successful completion of Science 10 and strong Math skills****Gr.11-12                      1 Period                      fall semester                      ½ credit**

This course for seniors covers the basic concepts of a typical first semester introductory physics course for college students. Topics include: linear and 2-dimensional kinematics, vectors, forces, simple harmonic motion and mechanical energy. Concepts are explored through formal and informal laboratory investigations with formal lab reports. Physics Olympics events, and quantitative problem solving using algebra, trigonometry and graphical analysis techniques are also emphasized. This one semester elective in physics is not required as a prerequisite for Physics - Electromagnetism and Waves in Spring semester and vice versa. Due to the frequent use of mathematics in Physics, it is strongly recommended that students have completed Algebra 2 and are enrolled in Advanced Math.

**0463 CP PHYSICS SPRING 11 (ElectroMagnetism and Waves)****Prerequisites: Successful completion of Science 10 and strong Math skills****Gr.11-12                      1 period                      spring semester                      ½ credit**

This course for seniors covers the basic concepts of a typical second semester introductory physics course for college students. Topics include: optics, wave mechanics, sound, electricity, magnetism, and electric circuits. Concepts are explored through formal and informal laboratory investigations with formal lab reports, as well as quantitative problem solving using algebra, trigonometry and graphical analysis techniques. The final project includes designing, wiring, building and testing a loudspeaker system. This one semester elective in physics does not require Physics - Newtonian Mechanics in the fall semester and vice versa. Due to the frequent use of mathematics in Physics, it is strongly recommended that students have completed Algebra 2 and are enrolled in Advanced Math.

**0464 AP BIOLOGY 11****Prerequisites: CP Chemistry Fall-Liquids & Gases and CP Chemistry Spring-Energy & Electrons****Gr.11-12****1 period****2 semesters****1 credit**

AP biology is designed to help prepare students for the Advanced Placement Biology exam during the second week in May. Complex concepts are explored through a set of required, open-minded research investigations. The exploration and discovery of science and mathematics goes beyond data collecting and focuses on data analysis in conjunction with theoretical modeling. Biotechnology topics include: electrophoresis, polymerase chain reaction (PCR) of DNA and bacterial DNA transformation. **Summer coursework is required.**

**The Big Ideas of AP Biology:****Big Idea 1:** The process of evolution drives the diversity and unity of life.**Big Idea 2:** Biological systems utilize free energy and molecular building blocks to grow, to reproduce, and to maintain dynamic homeostasis.**Big Idea 3:** Living systems store, retrieve, transmit, and respond to information essential to life processes.**Big Idea 4:** Biological systems interact, and these systems and their interactions possess complex properties.**0465 FORENSIC SCIENCE 11****Prerequisites: Successful completion of Science 10****Gr. 11-12****1 period****1 semester****½ credit**

This semester course provides students with hands-on experience in a variety of the techniques used by forensic investigators. It is designed to focus on four major units of study: body decomposition, blood spatter analysis, fingerprint analysis and identification, and finally, forensic anthropology. Concepts related to each unit of study are explored through a variety of activities including a month-long investigation centered around altering the rate of decomposition, qualitative and quantitative analysis of blood spatter stains, ridgeline pattern identification and matching for unknown prints, and finally, examining distinctive bone features in order to identify an unknown skeleton. Due to the frequent use of mathematics in each unit, it is strongly recommended that students have completed Algebra 2.

**0466 ROBOTICS 11****Prerequisites: Successful completion of Science 10****Gr. 11-12****1 period****1 semester****½ credit**

This semester course incorporates learning the functions of electronics components, basic circuit assembly, and computer programming to construct self-propelled robots. Students learn how to use a computer to interface with a microcontroller using a language called PBASIC. Students will build their own small robots to perform automated tasks working up to navigating through a maze. Students should be highly motivated and interested in the fields of computer programming and electronics.

**0467 CP ENVIRONMENTAL SCIENCE 11****Prerequisites: Successful completion of two science courses****Gr. 11-12****1 period****1 semester****½ credit**

This course examines the relationships between living things and their environment and how humans affect them in both positive and negative ways. We will discuss current events and environmental topics and not shy away from examining controversial issues. Field work activities are integrated to allow students to apply the techniques professional wildlife biologists use. Some examples of field work include using the capture-mark-recapture method to estimate the population of fish in a nearby stream, and using trail cameras to survey predator diversity in the woods near school.

## AGRICULTURE, FOOD AND NATURAL RESOURCES

The MVU Agriculture, Food and Natural Resources offers applied science and technology courses in the instructional areas of Pre-Technical Agriculture, Resource Management, Animal Science, and Agricultural Mechanics. Instruction is provided and enhanced through class lectures, lab/shop activities, guest speakers, and field trips. Computer applications are included in all courses. A SAEP (Supervised Agricultural Experience Program) activity is required of all agriculture students.

These programs are offered as general electives and are offered at the introductory, intermediate, and advanced levels. A typical student following any of these programs would complete the Introductory course in grade 9, Level I course in grade 10, Level II (intermediate) course in grade 11, and Level III (advanced) course in grade 12.

Level III Seniors who satisfactorily complete a program of classroom instruction may further develop their skills through career training with an employer in the local community at an off-campus work site. Students sometimes receive wages in addition to credit for graduation and, in some cases, remain as full time employees after high school. In order to register for a course, a written SAEP Goals document will need to be completed by the student with the assistance of an agriculture instructor using the VT Diversified Agriculture and/or Ag-Mechanics competencies as a guide. To guarantee a placement in the following school year, the SAEP Agreement must be completed with a student, parent, instructor, employer and administrator signatures by June 1<sup>st</sup>. The amount of credit is based on the number of hours the student is involved in the SAEP experience (maximum of 3). A career training placement is to take place during school hours and requires periodic visitations by the instructor. Students can use the SAEP learning experience as evidence to apply for many FFA Awards.

MVUHS has an active FFA chapter, which provides students with opportunities to strengthen leadership skills taught in the classroom and develop confidence that enhances their individual talents and strengths. Students may participate in over 50 award and scholarship programs that recognize achievement in skill development.

**\*\*Adults may enroll Free of Charge in any vocational course on a space-available basis.**

### **0409 INTRODUCTORY STUDIES IN AGRISCIENCE**

**Gr. 9-12**

**1 period**

**2 semesters**

**1 credit**

This course is a project-based approach to agricultural sciences. Some topics include studies of soils, plants, aquaculture, water quality, fish and wildlife, value-added products, marketing, sustainable agriculture and leadership. Class activities involve outdoor fieldwork and lab work. Students must be responsible and motivated to work in alternative settings. Leadership training is an important component of this course. Active participation in FFA is encouraged. This course provides students with the skills and concepts necessary to pursue a certificate in Technical Education in Agriculture. Students successfully completing this course are encouraged to enter Applied Mechanical Technology, Resource Management, or Animal Science in grades 11-12. A SAE (Supervised Agriculture Experience) project is expected in this course.

### **0436 INTRO TO APPLIED MECHANICAL TECHNOLOGY IN AGRICULTURE**

**Gr. 9-12**

**1 period**

**2 semesters**

**1 credit**

This pre-tech course provides introductory training in the basic technical skills needed to be successful in the applied mechanical technology field. Students will:

- Utilize single cylinder Briggs & Stratton engines and various pieces of equipment to study
- Workplace safety skills
- General shop skills
- Micrometers and related measuring instruments
- Principles of engine operation
- Engine disassembly and reassembly

Leadership training through the FFA curriculum will be an important part of this course in developing the “professional employee”

**0439 AG FACILITIES REPAIR and MAINTENANCE****Gr. 9-12****1 period****2 semesters****1 credit**

This Agriculture Structures courses provides students with the skills and knowledge that are specifically applicable to the construction, maintenance, and repair of structures integral to the agricultural industry, including but not limited to animal enclosures, irrigation systems, and storage facilities. Students will study technology, design, planning, and construction knowledge and skills (such as measurement, carpentry, plumbing, concrete, and electrical systems), in addition to the safe operation of tools, technology and machines.

**0426 APPLIED MECHANICAL TECHNOLOGY 1****Prerequisites: Instructor Approval****Gr. 10-12****2 period****2 semesters****2credits**

This pre-tech course provides further training in basic technical skills needed to be successful in the applied mechanical technology field. You will utilize multi-cylinder engines (diesel, gasoline, LPG and alternative fuels); power train components; welding equipment; and a mechanics shop to study: workplace safety skills; general shop skills; micrometers and related measuring instruments; principles of engine operation; engine disassembly and reassembly; power trains; oxy-fuel welding and cutting; electric arc welding, and plasma cutting. The majority of shop time will be spent repairing multi-cylinder engines, power trains and welding. Leadership training through the FFA curriculum will be an important part of this course in developing the "professional employee." You will have the opportunity to earn an Industry Recognized Credential (IRC) in Safety (OSHA), Equipment and Engine Service (EETC), and Welding (AWS). A SAE (Supervised Agricultural Experience) project is expected in this course.

**0433 APPL MECH TECH 2 -11****Prerequisites: Grade 11; successful completion of Applied Mechanical Technology I, Instructor Approval, and have industry accepted attendance.****Gr. 11-12****2 periods****2 semesters****2credits**

This state approved technical education course is designed to prepare students for post secondary training or for a career in mechanics. Instruction will include: workplace safety skills; general shop skills; micrometers and related measuring instruments; principles of engine operation; equipment operation; gas-tungsten, and flux-cord arc welding; electricity and electronics, alternative fuels, and hydraulics. The classroom will reflect an operational shop where you will regularly weld and work on powered equipment. Leadership training through the FFA curriculum will be an important part of this course in developing the "professional employee." Technology integration will be a crucial part in developing that "professional employee." There will be field trips to area industries for community-based learning opportunities including FFA activities (contests, VT Farm Show, and State/National Conventions). You will be expected to meet Vermont Technical Education Competencies in Agricultural Mechanics. You have the opportunity to earn Industry Recognized Credential (IRC) in Safety (OSHA), Equipment and Engine Service (EETC), and Welding (AWS). The MVU Applied Mechanical Technology program has an Articulation Agreement with the Ag. Engineering program at SUNY Cobleskill (NY); works closely with the University of Northwestern Ohio (UNOH) and the VTC Diesel Technology Program. A SAE (Supervised Agricultural Experience) project is expected in this course.

**0430 RESOURCE MANAGEMENT I****Gr. 10-12****1 periods****2 semesters****1 credit**

Resource Management I is a course which covers a variety of topics in sustainable agriculture, natural resources, and environmental conservation. Activities and labs will be hands-on in nature. Students will expand on their interests through individualized projects on and off school campus. Leadership training is an important component of this course. FFA activities are available to all students. A SAE (Supervised Agricultural Experience) project is expected in this course.

**0460 RESOURCE MANAGEMENT 2- 11**

**Prerequisites: Resource Management I and/or Instructor Recommendation**

**Gr. 11-12                      3 periods                      2 semesters                      3 Credits: 2 Ag & 1 Science**

This course features experiential, project-based instruction in a variety of outdoor settings. Topics include but are not limited to: Orchard and Christmas Tree Management; Woodlot Management; Maple Sugarbush Management: Maple Syrup Production, Processing, and Marketing, Value-Added Food Production. Aquaculture Management; Fish and Wildlife Studies; and Greenhouse Operation. Qualifying students may earn industry recognized credentials in chainsaw use. Students will have the opportunity to operate a variety of power equipment in class. Activities will be intensive and designed to prepare students for employment or further education in sustainable agriculture and natural resources. Leadership training is an important component of this course. FFA activities are available to all students. **\*Students who take Resource Management II can get credit for the 11th grade science requirement**

**0432 ANIMAL SCIENCE I**

**Prerequisites: Intro to AG Science or Instructor Approval**

**Gr. 10-12                      1 period                      2 semesters                      1 credit**

An introduction to fundamental principles of animal science, including the economic impact of animal agriculture upon the region, the United States and the world. Students will select an animal as their year-long project and will be responsible for the daily care; including health, feeding, cleaning and bedding. Students will study anatomy and physiology, animal growth, reproduction, egg production and animal diseases. Students will be continually instructed and evaluated on farm and ranch safety. Students will receive instruction in leadership and team work. Membership in the MVU FFA Chapter is highly encouraged.

**0469 ANIMAL SCIENCE 2- 11**

**Prerequisites: Animal Science I or Instructor Approval**

**Gr. 11-12                      3 periods                      2 semesters                      3 Credits: 2 Ag & 1 Science**

An introduction to the fundamental principles of animal production and agribusiness management: including agribusiness planning, decision making, financial, health management, processing options, marketing strategies and record keeping. Students will also study animal genetics, anatomy and physiology, artificial insemination, embryo transfer and lactation. Students will continually be instructed in farm and ranch safety. Students are required to work in the barn for their selected animal project. Students will receive instruction in leadership and team work. Membership in the MVUHS FFA Chapter is highly encouraged. **\*Students who take Animal Science II can get credit for the 11th grade science requirement**

**AG0475 AG & NATURAL RESOURCES SEMINAR**

**Gr. 12    2 Semesters    1 credit**

**Prerequisites: Level I and II MVU Agricultural Sciences and Technology courses and instructors recommendation. Must be taken in conjunction with AG0477 Ag & Natural Resources Cooperative Work Experience.**

Agriculture and Natural Resources Seminar meets once every two weeks to further develop and implement your personalized learning plan, specifically focusing on your transition from highschool to employment, technical school, or college, and to share your work experience with other students. Attendance is mandatory. Students will develop employment skills such as resume writing, job application completion, interview skills, public speaking, how to understand and compare job benefits, and workplace survivability skills. This seminar relies heavily on guest speakers and field trips to local businesses.



America, and the United States. Students will learn the career applications of second language study and will develop further the functional skills necessary to use the language for work, travel, and personal goals.

**0527 SPANISH IV**

***Prerequisites: Spanish III***

**Gr. 11-12**

**1 period**

**2 semesters**

**1 credit**

In this course students will survey the literature, history, and contemporary culture of the Hispanic world. A comprehensive review of the structure of the language may be used to prepare those students who wish to meet college admission requirements. A variety of technology and media in the target language will be used.

**0534 FRENCH I**

**Gr. 9-12**

**1 period**

**2 semesters**

**1 credit**

Students will practice expressing themselves in French in practical, real-life situations. They will develop their listening, speaking, reading, and writing skills through functional and proficiency based activities. Students will learn to understand and manipulate the structures of the language necessary for basic communication. They will receive an overview of French culture and customs including the United States, Canada, and the French-speaking world. This course partially fulfills the second language requirements of many colleges.

**0535 FRENCH II**

***Prerequisites: French I or 7<sup>th</sup> & 8<sup>th</sup> grade French***

**Gr. 9-12**

**1 period**

**2 semesters**

**1 credit**

Students will continue to develop the listening, speaking, reading, and writing skills begun in French I. They will become more proficient in spontaneous use of the language and will continue to make real-life and functional applications. The students will study the culture of France, Canada, and the French-speaking world. Students will understand the role of Francophone cultures and customs in the United States. This course partially fulfills the second language requirements of many colleges.

**0529 FRENCH III**

***Prerequisites: French II***

**Gr. 10-12**

**1 period**

**2 semesters**

**1 credit**

This course will continue to develop the listening, speaking, reading, and writing skills of the previous level. Students will become more proficient in the use of the language and more familiar with the French culture of France, Canada, and other areas of the French-speaking world. Students will learn the career applications of second language study and will develop further the functional skills necessary to use the language for work, travel, and personal goals.

**0536 FRENCH IV**

***Prerequisites: French III***

**Gr. 11-12**

**1 period**

**2 semesters**

**1 credit**

In this course students will survey the literature, history, and contemporary culture of the French-speaking world. A comprehensive review of the structure of the language may be used to prepare those students who wish to meet college admission requirements. A variety of technology and media in the target language will be used.

## **BUSINESS EDUCATION**

All people apply business concepts and skills throughout their lives. To prepare students for their roles as citizens, consumers, and workers, the business curriculum presents learning opportunities for (a) understanding fundamental economic and business concepts; (b) developing positive dispositions for working and living in a changing environment; (c) making wise economic and career choices; and (d) securing knowledge and skills necessary for success on the job.

### **0613 INTRODUCTION TO BUSINESS**

**Gr. 9-12**

**1 period**

**1 semester**

**½ credit**

In this course students learn about the basic fundamentals of business. Areas of study will include owning and operating a business, management, accounting, marketing, and advertising. This course provides an overview of the most current business practices, knowledge, and skills needed by every worker.

### **0636 BUSINESS IN ACTION**

***Prerequisite: Successful Completion of Introduction to business***

**Gr 10-12**

**1 period**

**1 semester**

**½ credit**

This course will be a self-paced, contract-based curriculum that will span a semester or a full year dependent upon the number of credits selected by the student. Students will work both independently or as a team. Students will choose a minimum of three eligible topics to research and develop projects/courses of study in conjunction with their teacher and other appropriate resources.

### **0637 MARKETING PERSPECTIVES**

**Gr 10-12**

**1 period**

**1 semester**

**½ credit**

Explore the intriguing world of sports and entertainment from the perspective of marketing. This course will take you on a step-by step journey through the exciting world of sports and entertainment marketing. You will learn about the key functions of marketing and how those functions are applied to the sports, recreation and entertainment industries. Guest speakers, case studies, projects, field trips, online activities of owning your own professional sports team will broaden the classroom learning experience.

### **0608 PERSONAL FINANCE 11**

**Gr. 11-12**

**1 period**

**1 semester**

**½ credit**

This course will focus on the basic principles of sound personal financial management. Students will learn about financial goals and decision making, cash flow and budgeting, banking skills, auto and renters' insurance, and use/misuse of credit.

***\*Required for graduation***

### **0615 CAREER EXPLORATION**

**Gr. 10-12**

**1 period**

**1 semester**

**½ credit**

This class is a place to explore career clusters and specific careers through many resources. It provides time to start planning for life after high school and to develop productive goals, which could include postsecondary education/training, internship or apprenticeship programs, military branch positions, and/or employment opportunities. ***\*Required for graduation***

### **0610 COMPUTER MAINTENANCE 11**

**Gr. 11-12**

**1 period**

**2 semesters**

**1 credit**

A hands-on course where students will disassemble and reassemble a computer, learn about all the components inside the computer and how they work together, learn how to purchase, upgrade, and maintain personal computer hardware and software.. Other areas of study could include: computer programming starting from basic and moving toward more advanced applications, soldering, HTML coding for website development, etc.

**0612 OFFICE ACCOUNTING 11**  
**Gr. 11-12 1 period 2 semesters 1 credit**

Students interested in immediate skills for entry or advancement in the job marketer planning on majoring in Accounting or Business in college, should take this course. Topics covered include journals, ledgers, worksheets, financial statements, and payrolls with an emphasis on the “how” of recording and posting transactions.

## **FAMILY & CONSUMER SCIENCE**

Our major responsibility in Family & Consumer Sciences is to nurture the individual and improve quality of life by providing educational experiences in the following areas:

1. Human Development & Relationships
2. Resource Management
3. Human Nutrition and Foods
4. Interior Design, Sewing and Related Arts

**0677 FOODS & NUTRITION**  
**Gr. 9-12 1 period 1 semester ½ credit**

This class gives students the opportunity to practice several types of cooking and baking techniques as well as evaluating the effects of processing, preparation, and storage on the quality, safety, wholesomeness, and nutritive value of foods.

**0655 CHILD DEVELOPMENT {appears as Child Development I (10) on selection screen}**  
**Gr. 9-12 1 period 1 semester ½ credit**

The purpose of the content topic is to introduce students to the broad field of child development and psychology. Students will identify the characteristics of the developmental areas (physical, intellectual [cognitive], social, emotional and moral) and stages (prenatal, postnatal, infancy, toddlerhood and preschool) of childhood. Students will also explore the influence of cultural, historical and theoretical perspectives have had on child growth and development. In addition, students will have the opportunity to examine the wide variety of career paths in child development and human services, and to identify the knowledge and skills necessary for success within the field. This content topic will provide opportunities for students to apply communication, leadership, management and thinking skills to child development and psychology.

**0662 INTRO TO EARLY CHILDHOOD ED {appears as Child Development II (10) on selection screen}**  
**Gr. 9-12 1 period 1 semester ½ credit**

***Prerequisite: Child Development***

This course will prepare students to enter the world of childcare- whether it be at home or in a private or public educational setting. It includes planning and implementing developmentally appropriate activities, basic health and safety practices, and legal requirements for teaching young children.

**0670 TASTE OF AMERICA**  
**Gr. 9-12 1 period 1 semester ½ credit**

***Prerequisite: Foods & Nutrition***

There is more to cuisine in America than just burgers and fries! Here is a mouthwatering journey across the United States where students will discover and learn how to make fabulous foods from every part of the country. Students will feed their brains with fascinating tidbits about ethnic food choices and create delicious dishes representing a variety of cuisines. A

great variety of food preparation techniques will blend with a great variety of exciting menu options. This course is offered every other year. This course will be offered for the 2021-2022 school year.

**0671 INTERNATIONAL CUISINE**

**Prerequisite: Foods & Nutrition**

**Gr 9-12**

**1 period**

**1 semester**

**½ credit**

The International Foods course introduces students to the ways in which the culture and traditions of regions and countries influence food choices. Students will identify and prepare foods from various regions and countries to compare cuisines, ingredients used, and preferred cooking methods. Students will also examine the issues and conditions which affect the availability and quality of food in the global market. Current issues related to global nutrition from production through consumption will be explored. Through this investigation students will understand and appreciate diverse cultures. This course will be offered in the 2022-2023 school year.

**0674 SEWING**

**Gr.9-12**

**1 period**

**1 semester**

**½ credit**

We examine the qualities of fibers and fabrics in our selections and analyze the fashion trends as they evolved through the years. Beginner sewing students will learn the basics of machine sewing and complete 2 projects. Students with more experience will choose projects that will challenge them and give them the opportunity to learn new skills and to learn to use the Serger machine and the embroidery machine.

**\*Course may be taken more than once to gain additional credit (up to two credits).**

**DRIVER EDUCATION**

**0454/0455 DRIVER EDUCATION**

**Gr. 10-12**

**1 period +driving hours**

**1 semester**

**½ credit**

**Prerequisites: Valid Vermont Learner's Permit & Attend a "Parent/Guardian & Student Night"**

Driver education is using differentiated instruction to integrate other subject areas into the curriculum, while meeting the needs of students at their individual readiness level, to increase the understanding of all students. Individual students will utilize different methods to explore the same key concepts of habit development for risk management. Students develop strategies to manage the risks associated with sharing the road with other roadway users. Students are assessed based on their attitude, behaviors, and skills. Students are graded based on their ability to recall information provided and discovered through coverage of the Vermont Driver Education Curriculum. Attendance, participation, and practice are crucial to the successful completion of this course.

Students learn to strive toward balance for their mind, body, and vehicle. Behind the wheel instruction is provided concurrently with the classroom lessons, allowing students to visualize and practice classroom concepts. It is highly recommended that students taking Driver Education have a study hall to fulfill the driving requirement. Students will drive during study halls or elective classes. Limited "after school" driving may be available.

To comply with the state requirements and the state's new GDL (Graduated Driver's License) law, students must have access to driving practice time at home, and have their learner's permit for one year before obtaining a driver's license. Students must attain a grade average of at least a 70 to pass the class. Students who accumulate more than 5 absences may be dropped from the course.

# PHYSICAL EDUCATION

The goal of physical education is to develop physically literate individuals who have the knowledge, skills and confidence to enjoy a lifetime of healthful physical activity.

## National Standards for K-12 Physical Education

- The physically literate individual demonstrates competency in a variety of motor skills and movement patterns.
- The physically literate individual applies knowledge of concepts, principles, strategies and tactics related to movement and performance.
- The physically literate individual demonstrates the knowledge and skills to achieve and maintain a health-enhancing level of physical activity and fitness.
- The physically literate individual exhibits responsible personal and social behavior that respects self and others.
- The physically literate individual recognizes the value of physical activity for health, enjoyment, challenge, self-expression and/or social interaction.

### **PE0884 TEAM SPORTS**

**Gr.9-12**

**1 period**

**1 semester**

**½ credit**

This course will focus around team sports to enhance students skills to maintain a healthy lifestyle. Students will build individual skills and begin to learn about gameplay strategies. It will also help students improve their social skills such as communication and teamwork. This course is geared towards students that want to play in semi-competitive team sports. Students will be assessed in motor skills, physical fitness, and sportsmanship. Activities include (subject to change): Softball, Football, Basketball, Soccer, Volleyball, Handball, Rugby, LaCrosse, Floor Hockey

### **PE0886 RECREATIONAL/LIFETIME FITNESS**

**Gr.9-12**

**1 period**

**1 semester**

**½ credit**

Students in this course will participate in activities focused around lifetime fitness that are individualized and promote lifelong personalized plans. Students will practice personal responsibility and self-motivation that will help them achieve the skills to live a healthy lifestyle. Activities include (subject to change): Disc Golf, Fitness Walking, Weight Training, Circuit Training, Yoga, Resistance Training, Floor Tennis, Archery, Hiking

### **PE0883 INTERSCHOLASTIC ATHLETICS**

**Gr. 10-12**

Students who participate in interscholastic athletics at Missisquoi Valley UHS or another VPA member school may apply for credit towards graduation requirements in physical education

1. A student must participate in two (2) sports seasons to become eligible for this credit opportunity, and may earn no more than ½ credit for successful completion of these seasons.

2.A student must participate in the sports season for its entirety in order to receive credit. Receipt of a certificate from the Athletic Department will constitute successful completion of the sports season. Students who do not complete a season (leave or are suspended from the team, cut from the team, or become academically ineligible) may not use that sports season for credit. This will be documented by the Director of Athletics.

3.The use of this credit option must be completed before starting a student's senior year of school.

4.The interscholastic athletics credit option for physical education will appear as a "P" on the student's transcript, and will not be counted as part of a student's grade point average (GPA).

5.This credit option in physical education must be approved by both the Guidance Department and the Administration. **\*\* May only be added to your schedule by your guidance counselor\*\***

## **FINE ARTS**

The Fine Arts are an integral part of a well-rounded education. The Arts provide students with an opportunity to explore the creative process as they foster creativity, self-awareness, and imagination.

### **0815            3D FOUNDATIONS**

**Gr. 9-12**

**1 period**

**Fall**

**½ credit**

A half-credit foundation course, which introduces students to the fundamental concepts of three-dimensional art. The focus is on design skills, craftsmanship and the introduction of a variety of techniques in three-dimensional art. Students explore additive and subtractive sculptural techniques, designing in the round, and contemporary crafts and ceramics. This hands-on course incorporates various materials, techniques, and art history while utilizing the Elements of Art and Principles of Design. This course introduces the student to traditional and contemporary sculptural techniques. Materials may include clay, cardboard, wire, plaster and mixed media. Students will participate in the three-dimensional art processes from design through completion. The scale of the problems presented will range from small pieces to larger freestanding forms. Students will continue to explore self-expression and creativity to solve design problems that address 3-D form. There will be opportunities for in-depth exploration of various sculptural techniques, media and development of a personal style.

### **0816            3D STUDIO**

***Prerequisite: 3D Foundations***

**Gr. 9-12**

**1 period**

**Spring**

**½ credit**

This half-credit course is a continuation of the concepts and processes learned in 3D Studio I. Students will expand their skills, techniques and understanding of three-dimensional concepts and materials. Students who pass this course are eligible to take AP Art.

### **0805            ART I**

**Gr. 9-12**

**1 period**

**2 semesters**

**1 credit**

This is a foundation studio art course that concentrates on the elements of art and design through drawing, painting, and mixed media, and sculpture. Students learn by using a variety of media such as pencil, ink, charcoal, paint, and other materials. Art history and a variety of art making techniques are part of the course. A sketchbook will be used for in class assignments and practice work.

### **0821            ART II**

***Prerequisites: Art I***

**Gr. 10-12**

**1 period**

**2 semesters**

**1 credit**

This is a studio course for the serious art student interested in developing their skills and improving their technique. Students will have the freedom to make artistic decisions surrounding the materials they will use and will be expected to participate in techniques workshops for drawing, painting, mixed media and two and three dimensional artwork. Students will participate in individual and class critiques and will be expected to complete sketchbook assignments.

### **0830/0831    ART III & ART IV**

**Gr. 11-12**

**1 period**

**2 semesters**

**1 credit**

***Prerequisites: Art II/Art III***

This course is intended for highly motivated art students committed to the serious study of art. This portfolio preparatory course promotes critical thinking and the development of art technique, composition, and content/idea. Students will be

given the freedom to work in the medium of their choice, but are also encouraged to explore, experiment, and develop their own identifiable style. This course includes intensive studio work, participation in school & community art shows, and class and individual critiques.

**0801                    ADVANCED ART (AP Art-Advanced Placement)**

***Prerequisites: Art II, Art III, Graphic Design 2, or 3D Studio 1 and 2***

**Gr. 11-12                    1 period                    2 semesters                    1 credit**

This course is intended for highly motivated art students committed to the serious study of art. This portfolio prep course promotes critical thinking and the development of art technique, composition, and content/idea. Students will be given the freedom to work in the medium of their choice, but are also encouraged to explore, experiment, and develop their own identifiable style. This course includes intensive studio work, participation in school & community art shows, class and individual critiques, and students will submit an AP Art Portfolio to the College Board in the spring.

**0808                    GRAPHIC DESIGN I**

***Prerequisite: Art I***

**Gr. 10-12                    1 period                    1 semester                    ½ credit**

The aim of this course is to make students proficient in the artistic use of capturing and manipulating digital files. The class will begin with a focus on learning skills and techniques using industry standard software, Adobe Photoshop and Illustrator, creating a work that is not only digital art but reflects traditional graphic design and advertising standards. Later in the year students will transition their knowledge into creating New Media and Net artwork. The students will work as individuals and collaboratively throughout the course. As their final, students will work to create a web based portfolio for reviews at the completion of the year.

**0809                    GRAPHIC DESIGN II**

***Prerequisite: Graphic Design I***

**Gr.10-12                    1 period                    1 semester                    ½ credit**

This is an intermediate/advanced level course that expands the skills and knowledge mastered in Graphic Design I. The course emphasizes practical assignments that apply problem solving and professional solutions for graphic design. Students who pass this course are eligible to take AP Art.

**0850                    HIGH SCHOOL CONCERT CHOIR**

**Gr. 9-12                    1 period                    2 semester                    1 credit**

This choir is open to all high school students who wish to sing. We perform in concerts 4 times a year while working on technique, blend, and musicianship. Festival opportunities are open to all and are strongly encouraged.

**0851                    MASTER SINGERS**

***Prerequisites: Must successfully complete Concert Choir for one year and pass an audition.***

**Gr. 10-12                    1 period                    2 semesters                    1 credit**

An audition is required to become a member of this selected performance group of 10-16 singers. The ability to read music becomes more important as Master Singers perform at a more difficult level of music than Concert Choir. Singers in this small group need to blend, sing independently, have a strong sense of ensemble, and are clearly committed to performance. Repertoire will emphasize work from the Renaissance through contemporary music. Participation in District Music festival auditions is expected, along with performing at extra events such as Open House, Madrigal Festival, and more. Formal concert attire is required (fundraisers will be held to offset potential cost).

**0856                    INTERMEDIATE BAND (Concert Band)**

***Prerequisite: Previous Band experience***

**Gr. 9-12                    1 period                    2 semesters                    1 credit**

This course is for somewhat advanced students who have participated in Middle School Band and have demonstrated advanced technical skills. Master musicianship, technique, and performance related music theory skills will be emphasized. Students will perform music commensurate with grade level III-V (on a music grading scale of I-VI). Some activities will occur outside of the regular class period. Marching Band and concerts are required of all students in the band program. Participation in District and All State Festivals will be encouraged.

**0858            ADVANCED BAND (Wind Ensemble)**

***Prerequisite: Intermediate Concert Band***

**Gr. 10-12                            1 period                            2 semesters                            1 credit**

Students in this course gain skill in playing advanced band literature and develop independence in reading and rhythmic skills. It requires a high degree of proficiency on an individual instrument. This course is for advanced students who have passed a rigorous audition and have demonstrated advanced technical skills. Master musicianship, technique and performance related music theory skills will be emphasized. Students will perform music commensurate with grade level IV-VI (on music grading scale of I-VI). Some activities will occur outside of the regular class period. Marching Band and concerts are required of all students in the band program. Participation in District and All State Festivals will be strongly encouraged. Students are selected from the Wind Ensemble for participation in Music Pit Band, Stage Band, and other ensembles for the musical.

**0814            PIANO CLASS**

**Gr. 9-12                            1 period                            1 semester                            ½ credit**

This course is for those who wish to learn to play the piano. We will work on basic theory, technique, and playing solo songs. No experience playing the piano is needed. Any skill level can join the class. Learn how to play your favorite song! This course may be taken more than once to continue to build upon your skills.

**0857            GUITAR**

**Gr. 9-12                            1 period                            1 semester                            ½ credit**

Intermediate guitar picks up where Beginning Guitar left off. Students with prior music reading experience and technical skill on guitar can audition for placement. More advanced techniques and harder songs will make this challenge for all experienced guitarists.

**0870            MUSIC THEORY**

**Gr. 9-12                            1 period                            1 semester                            ½ credit**

This course is designed for students to be able to express themselves with music as well as learning music theory. The course will touch upon just some of the ways society creates music in our technological age. Students will learn how to make their own songs using only a computer. Using technology such as Garage Band, they will create their own musical pieces and learn about other ways music and technology go hand in hand. Students will explore digital musicianship while learning how songs are put together. At the same, they will learn the basics of music theory. Note names, rhythms, chord progressions, song form and more. Students will leave this course with a CD full of their own original music.

**0872            DRAMA CLASS**

**Gr. 9-12                            1 period                            1 semester                            ½ credit**

Are you interested in the theatrical arts? Students can explore their true acting potential in this course. They will have an introduction to the theater as well as learn the basics of the stage. They will hear about the different types of shows and playwrights and get to know some acting techniques.

