Otter Valley Union High School

2020-2021 Course Catalog
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MISSION AND EXPECTATIONS FOR STUDENT LEARNING

Otter Valley Union High School is a place where reflective teaching and learning leads to high expectations for all students and creates enthusiasm for knowledge which encourages success in the global community.

To implement this mission, students will achieve proficiency in these Essential Vital Results, which are the skills and concepts that every student needs to know and be able to do.

In Communications, students will:
- Participate in a literary community
- Use a variety of strategies to help them read for meaning and understanding
- Write with purpose, organization, detail, and voice or tone, using appropriate English conventions (Grammar, Usage, and Mechanics)
- Listen actively and respond appropriately
- Express themselves effectively both verbally and nonverbally use computers and other tools of technology to research and to gather and represent information

In Reasoning and Problem Solving, students will:
- Ask a variety of questions and use reasoning strategies and knowledge to solve complex problems
- Make informed decisions
- Communicate their solutions effectively demonstrate a willingness to take risks and persevere in the face of challenges and obstacles

In Personal Development, students will:
- Demonstrate respect for self and others and recognize diversity
- Make informed healthy choices including physical activity which positively affect the safety and well-being of themselves and others
- Work effectively on teams; demonstrate how to resolve conflict in order to achieve common goals develop strategies that will make them dependable and productive

In Civic/Social Responsibility, students will:
- Participate in democratic processes and take an active role in their communities

Approved by OVUHS faculty, 4/11/06,
Amended and approved by the OVUHS Board, 4/12/06
GENERAL INFORMATION

Graduation Requirements

You must meet the following minimum requirements in order to graduate from Otter Valley Union High School:

<table>
<thead>
<tr>
<th>COURSE DISTRIBUTION</th>
<th>JUNE 2021 GRADUATES</th>
</tr>
</thead>
<tbody>
<tr>
<td>English</td>
<td>5.0</td>
</tr>
<tr>
<td>Social Studies</td>
<td>4.0</td>
</tr>
<tr>
<td>Math</td>
<td>3.0</td>
</tr>
<tr>
<td>Science</td>
<td>3.0</td>
</tr>
<tr>
<td>Physical Education</td>
<td>1.5</td>
</tr>
<tr>
<td>FACS/Health</td>
<td>1.0</td>
</tr>
<tr>
<td>Fine Arts</td>
<td>2.0</td>
</tr>
<tr>
<td>Computer Applications</td>
<td>0.5</td>
</tr>
<tr>
<td>Electives</td>
<td>7.0</td>
</tr>
<tr>
<td><strong>TOTAL</strong></td>
<td><strong>27.0</strong></td>
</tr>
</tbody>
</table>

*Fine Arts:* The following courses may be taken to fulfill the requirement in Fine Arts:
- Art        All courses
- Music      All courses
- Theater    All courses
- Technical Education Woodshop, CAD

*Grade Level Classification*

You must meet the credit requirements listed below in order to qualify for the following grade level classifications:

<table>
<thead>
<tr>
<th>Grade</th>
<th>June 2021 and beyond Graduates</th>
</tr>
</thead>
<tbody>
<tr>
<td>10th Grade</td>
<td>Minimum of 7.0</td>
</tr>
<tr>
<td>11th Grade</td>
<td>Minimum of 14.0</td>
</tr>
<tr>
<td>12th Grade</td>
<td>Minimum of 21.0</td>
</tr>
</tbody>
</table>

*Schedule Changes*

Because schedules are developed to meet the requirements of students’ four-year plans, and because the school commits manpower and resources based on student course selections, changes in student schedules are discouraged and can be made only after careful and thorough consultation with parents and guidance counselors. Written approval from your parents will be required for any schedule changes. Whenever possible, schedule changes should be requested before the beginning of school in the fall. **All schedule changes, drops and adds, must be made no later than the end of the seventh (7th) school day of each semester.**

*Adding a Course to Your Schedule:*
If you wish to add a class to your schedule for either semester, you need to be aware of the following procedures and guidelines:
1. You must meet with your guidance counselor in order to request the added course.
2. There must be space for you in the new class, and instructional materials must be readily available.
3. The course you wish to add must be consistent with your four-year plan.
4. You must agree to make up all missing assignments within a reasonable time.
**Dropping a Course from Your Schedule:**
If you wish to drop a class that you had previously selected, the following procedures and guidelines must be followed:

1. You must meet with your guidance counselor in order to see how dropping the course will affect your completion of graduation requirements and impact your four-year plan.
2. Your guidance counselor will consult with the teacher of the class you want to drop to discuss your performance.
3. Your parents will need to provide written approval of your dropping the class.

**Courses with Weighted Credit**

In an effort to encourage students to pursue rigorous and demanding educational programs, a number of academically challenging courses have been weighted in recognition of the extra effort needed to meet their requirements. Consequently, selected college preparatory courses are weighted at a plus five percent (+.05), while some advanced courses have been weighted at a plus eight percent (+.08). These courses include:

<table>
<thead>
<tr>
<th>Weighted Credit</th>
<th>+.05</th>
<th>+.08</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>English Courses</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>English Literature 10 &amp; 12</td>
<td></td>
<td>AP Literature 12</td>
</tr>
<tr>
<td>American Studies 11</td>
<td></td>
<td>Adv American Studies</td>
</tr>
<tr>
<td><strong>Social Studies Courses</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Advanced American History 1</td>
<td></td>
<td>AP World History</td>
</tr>
<tr>
<td>Advanced Behavioral Science</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Math Courses</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Geometry</td>
<td></td>
<td>Calculus</td>
</tr>
<tr>
<td>Algebra 2</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Functions, Statistics, &amp; Trigonometry</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Pre-Calculus &amp; Discrete Math</td>
<td></td>
<td></td>
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<tr>
<td><strong>Science Courses</strong></td>
<td></td>
<td></td>
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<tr>
<td>BSCS Biology</td>
<td></td>
<td>AP Biology</td>
</tr>
<tr>
<td>Chemistry</td>
<td></td>
<td>AP Chemistry</td>
</tr>
<tr>
<td>Physics</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Adv Anatomy &amp; Physiology</td>
<td></td>
<td></td>
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<tr>
<td><strong>Language Courses</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>World Language 2 &amp; 3</td>
<td></td>
<td>World Language 4 &amp; 5</td>
</tr>
<tr>
<td><strong>Other Courses</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Approved Stafford Courses</td>
<td></td>
<td>AP VTVLC Courses</td>
</tr>
<tr>
<td>All Core College Classes - English</td>
<td></td>
<td>Social Studies</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Math</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Science</td>
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<tr>
<td></td>
<td></td>
<td>Languages</td>
</tr>
</tbody>
</table>
College Admission Requirements

Admission requirements to the University of Vermont are listed below. These requirements are provided to give students a general outline of what four year colleges expect. There are some colleges and universities that are more selective than UVM and some are less selective. Entrance requirements vary with different colleges. Students should consult with our Guidance Office or the colleges/universities that they are interested for specific course requirements.

**Minimum entrance requirements for all areas:**
- Four years of English
- Three years of mathematics (Algebra I, Algebra II and Geometry (or equivalents)
- Two years of the same foreign language (American Sign Language meets this requirement)
- Two years of a natural or physical science, including a laboratory science
- Three years of social sciences

Admissions Requirements and Recommendations by College/School

Each of the university’s undergraduate colleges and schools reserves the right to set additional requirements for their majors and to recommend courses of study beyond the minimum presented below.

**College of Agriculture and Life Sciences**
**REQUIRED:** One year of biology and one year of chemistry for science majors.
**RECOMMENDED:** Candidates are strongly encouraged to take one year of physics and four years of high school math (precalculus / calculus is preferred).

**College of Arts and Sciences**
**RECOMMENDED:** Course work across the span of liberal arts disciplines; four years of math, including trigonometry; foreign language study all four years of high school.

**Grossman School of Business**
**REQUIRED:** Four years of mathematics with high achievement, including at least one year beyond algebra II (trigonometry, precalculus or calculus are preferred).

**College of Education and Social Services**
**RECOMMENDED:** Teacher Education majors are strongly encouraged to take math and science coursework beyond the UVM minimum entrance requirements. Human Development & Family Studies and Social Work majors are strongly encouraged to take one year of biology as part of the university entrance requirements.

**College of Engineering and Mathematical Sciences**
**REQUIRED:** Four years of mathematics, including trigonometry or precalculus. One year of chemistry and one year of physics for all engineering majors. All other majors: two years of a laboratory-based science as part of the university entrance requirements.

**Rubenstein School of Environment and Natural Resources**
**REQUIRED:** One year of biology and one year of chemistry or physics. Additional year of college preparatory math beyond algebra II.

**Honors College**
**REQUIRED:** Admission to one of the seven undergraduate schools and colleges at UVM. Completion of the most challenging courses offered by the student's high school. Admission is by invitation; no application is required.

**College of Nursing and Health Sciences**
**REQUIRED:** One year of biology and one year of chemistry for all majors; four years of math, including trigonometry or precalculus.
**RECOMMENDED:** Additional science course beyond chemistry and biology in the senior year of high school for all majors in the college. One year of physics is recommended for applicants to the Medical Radiation Sciences and Medical Laboratory Science majors.

**RECOMMENDED:** Additional science course beyond chemistry and biology in the senior year of high school for all majors in the college. One year of physics is recommended for applicants to the Medical Radiation Sciences and Medical Laboratory Science majors.
Advanced Placement Opportunities

What is the Advanced Placement Program? The Advanced Placement Program is a cooperative educational endeavor between secondary schools, the College Board, and colleges and universities. Colleges and universities can then grant credit, placement, or both to students who can show that they have mastered a course by taking an AP Exam.

College and university policies regarding Advanced Placement grades are not consistent. Students seeking college credit through AP are advised to obtain the college’s AP policy in writing, or to look for it in the institution’s catalog.

Here are two examples:
(From the University of Vermont catalog)
Credit through the Advanced Placement Program (AP) of the College Board is granted as a specific university course or courses with scores of 4 or 5. Scores of 3 are acceptable in some areas. AP course equivalencies are determined by the department governing the subject area and are awarded by the Office of Transfer Affairs. Since AP credit is assigned as a regular university course, it can be used to fulfill major, distribution, general education, or elective requirements. (From the Castleton State College catalog)
Castleton will consider, for advanced placement and credit, those entering freshmen who qualify through the CEEB Advanced Placement Examination. A grade of three (3) or higher must be achieved, but final recommendation for credit rests with the Department Chairperson concerned.

Otter Valley offers the following AP Courses:

NOTE:
Literature         Students electing to enroll in Advanced Placement courses
World History     will be expected to take the appropriate Advanced Placement Exams.
Biology           There is a fee required to take these exams.
Chemistry         See your guidance counselor for more information.
Variety of Vermont Virtual Online courses

Scheduling Options

Various scheduling options are available to you in addition to the standard courses identified in this booklet. For some of these options, applications must be created and/or contracts need to be developed before being incorporated into your schedule. Many of these options have limits or restrictions that you must consider as you build your schedule. Please consult your guidance counselor if you have any questions regarding the following options:

Pass/Fail Grading Option:
Juniors and Seniors who have a cumulative GPA of 75% or higher will be permitted, if they so desire, to designate one elective course to be taken for a grade of “P” (pass) or “F” (fail).

- You must make this determination within seven (7) school days following the beginning of the semester, and you must obtain the teacher’s approval.
- As no grade evaluation other than “P” will be indicated on your permanent record, courses successfully completed under this option will not be computed in your cumulative average or rank-in-class determination.
- The pass/fail option is not available in required courses. Please talk with your Guidance Counselor for information on the limits and restrictions for this option.

College Courses via Dual Enrollment:
Opportunities to attend college courses at Middlebury College and the Vermont State College/University system are available through the Guidance Office. If you select this option;
- You must provide your own transportation to and from the college.
All students accessing dual enrollment courses need to have a Personalized Learning Plan on file in guidance prior to requesting a college/university course.

**Early College:**
Seniors who are considering an early college experience through the Vermont State College system should meet with their counselor to discuss program requirements and the application process.

**Early Graduation:** Graduation at the end of eleventh grade has been made possible by the Board of Directors. If you can complete all of the graduation requirements, earn the correct number of credits, and maintain a scholastic average of 75% in grades 9, 10, and 11, you may apply for permission to graduate one year ahead of schedule.

**OTTER VALLEY’S FLEXIBLE PATHWAYS**

We are excited by the expanding learning opportunities that have become available to our students through the ACT 77 bill. As you review the courses in this catalog and learn about the many paths our students can now access as a result of this new legislation, we encourage each student to become an active participant in their education as they plan for the future!

On June 6, 2013 Governor Peter Shumlin signed the Flexible Pathways bill (Act77) which provides for:

**Dual Enrollment** - Vermont’s Dual Enrollment Program allows high school juniors and seniors to take up to two college courses while still in high school. Participating students earn college credits, reducing the time it takes to get a college degree, reducing the costs associated with college, and challenging themselves through college-level curriculum. Students may receive one high school credit and up to three college credits for each course taken at local accredited colleges. Students need to apply for a dual enrollment voucher through the Otter Valley guidance office and online through the dual enrollment application web site. Please know that in 2016, juniors and seniors will need an approved Personalized Learning Plan in place to access dual enrollment courses through the Vermont State College system.

**Early College** - Vermont colleges and universities are in the process or have developed an early admission program that allows high school seniors to take a full year of college-level classes while completing their high school degree. The Early College Program (ECP) serves as a student’s senior year of high school and a full year of college credit. Students may take a year-long course of study in any discipline. Students need to meet entrance requirements, have an approved Personalized Learning Plan in place, and complete the necessary applications to be considered for the Early College program. Transportation is not included. Please know that in 2016, seniors will need to have a PLP in place in order to access the Early College opportunity. Please see your counselor for more details.

**Personalized Learning Plans (PLPs)** - A PLP is developed by students, in collaboration with teachers, counselors, and parents, as a way to help them achieve short and long-term learning goals at the middle and high school levels. In a personalized learning environment where students are partners in developing their learning plan, they are generally more motivated to learn, will achieve more in school, and will feel a stronger sense of ownership over their education. All incoming 7th and 9th graders will need to have a PLP in place by November 2015. Beginning in 2017, juniors and seniors pursuing a dual enrollment course(s) will need to have a PLP in place in order to attain a voucher.

**Work-Based Learning** - Work-based learning involves actual work experiences or opportunities that connect classroom learning to employment and careers. “Through work-based learning experiences, educational programs become more relevant, rigorous, challenging, and rewarding for students, parents, educators, and businesses. These opportunities particularly help students make the connection between academic principles and real world applications”.(Vermont Agency of Education). Please refer to Otter Valley’s Personal Learning section of this catalog to learn about the many work-based learning programs available to our students.
GUIDELINES TO USING THE COURSE DESCRIPTIONS

It is highly recommended that you read through the course descriptions included in this booklet in order to gain a familiarity of the wide variety of courses that you can pursue while at Otter Valley Union High School. As you read the course descriptions that follow, you will see that some courses have prerequisites or require the approval of the instructor. Such messages are meant to provide you with information about the content of the course and about the kinds of experiences that usually lead to your successful completion of course requirements.

It is recognized, however, that some students may have had previous experiences or classes that might have prepared them for a given course even though they did not meet the specific prerequisites. Such cases are evaluated by the guidance counselors and administrators on an individual basis. The necessity for a body of knowledge that leads to a particular course, Spanish 2, for example, demands knowledge of the language that is normally acquired in Spanish 1.

Students who desire to take courses that indicate "permission of the instructor" or a similar phrase, must present a signed permission form at the time of course registration. This will be done only on an individual basis.

Courses which are sequential in nature, most notably those in English, social studies, mathematics, and science, must be taken in the normal sequence unless substantial evidence otherwise is presented to the Guidance Office. Each case will be studied by the appropriate faculty member before a decision is made. Appropriate grade levels are indicated with each course description.

Due to limited resources and schedule constraints, elective courses may be offered on alternate years or be dropped from the schedule if there is low enrollment.
COURSE DESCRIPTIONS

English

100000

The English Department offers courses that will provide the foundation for students to become literate citizens of the 21st century. Students will graduate with essential knowledge and skills in reading, writing, critical thinking, and clear communication skills - including public speaking. All courses have Common Core standards embedded in their curriculum, and each class addresses skills in the following areas:

- Reading Literature (RL)
- Reading Informational Texts (RI)
- Writing (W)
- Speaking and Listening (SL)
- Language (L)

TRANSFERABLE SKILLS:
- Clear and Effective Communication
- Informed and Integrative Thinking

CONTENT PROFICIENCIES:
- RL 10.1. Cite strong and thorough textual evidence to support an analysis of the text, including any applicable primary or secondary sources, and determine both explicit and implicit meanings, such as inferences that can be drawn from the text and where the text leaves matters uncertain
- RL 10.2. Determine a theme or central idea of a text and analyze in detail its development over the course of the text, including how it emerges and is shaped and refined by specific details; provide an objective summary of the text.
- RL 9-10.4 Determine the meaning of words and phrases as they are used in the text, including figurative and connotative meanings; analyze the cumulative impact of specific word choices on meaning and tone (i.e. including words with multiple meanings or language that is particularly fresh, engaging, or beautiful.).
- RI 10.3/RI 10.6/RL 10.8. Analyze how the author unfolds...a series of ideas or events [paying particular attention to]...point of view or purpose in a text...[and]...assessing for false statements, fallacious reasoning [and bias].
- W.10.2. Write informative/explanatory texts to examine and convey complex ideas, concepts, and information clearly and accurately through the effective selection, organization, and analysis of content.
- W.10.3 - Write narratives to develop real or imagined experiences or events using effective technique, well-chosen details, and well-structured event sequences.
- L 10.1 Demonstrate command of the conventions of standard English grammar, usage, mechanics, and spelling when writing or speaking; [including but not limited to use of parallel structure, various types of phrases and clauses, semicolons, and colons]
- L 10.5/L10.6. Demonstrate understanding of figurative language, word relationships, and nuances in word meanings; interpret figures of speech...and analyze their role in the text. Demonstrate independence in gathering vocabulary knowledge when considering a word or phrase important to comprehension or expression.

**English Core Courses**

100910  ENGLISH 9  [Grade 9]  1.0 Credit

Students taking English 9 will have intense writing instruction using the writing process and emphasizing conference skills, grammar, and usage. Students will read and analyze different genres of literature. In addition, vocabulary study is integrated into both reading and writing units. The goals for this class are for students to begin looking more in depth at the influence of literature on society and how literature can have lasting social value while improving writing and analytical skills. Required works include *The Odyssey*, *Romeo and Juliet*, and others.

**CONTENT PROFICIENCIES (with particular emphasis on these):**

- RL 10.1
- RL 10.2
- RL 9-10.4
- W.10.2
- L 10.1
- L 10.5
- L10.
101021 LITERATURE 10 [Grade 10] 1.0 Credit
Literature 10 is a semester-long course for tenth graders. Students taking Literature 10 are expected to read and write extensively both inside and outside of class. Literature 10 emphasizes critical thinking in conjunction with literary analysis through research projects, a variety of texts, as well as expository writing, public speaking, and vocabulary study. Students will learn these skills as they study, discuss, and write about various genres of literature. Active class participation is expected. Required works include *Lord of the Flies*, *To Kill a Mockingbird*, *Twelve Angry Men*, and *Of Mice and Men*.

CONTENT PROFICIENCIES:
- RL 10.1
- RL 10.2
- RL 9-10.4
- W.10.2
- L 10.1
- L 10.5
- L10.6

Interdisciplinary English/Social Studies Program 110000

111111 AMERICAN STUDIES [Scheduled daily during both semesters] 1.0 English & 1.0 Social Studies Credits
American Studies is a yearlong, interdisciplinary 11th grade English and Social Studies course. The class examines the influences of our past on our present by studying American culture. Common themes are traced from the Romantic Period and the Reconstruction era through the present. Students are expected to make connections between various periods, complete a wide variety of projects and writing assessments, draw correlations between our history and current events, as well as contribute to class discussions and work both cooperatively and independently. Extensive reading and research projects are required. College preparatory vocabulary and critical writing skills are developed. By integrating the English and History disciplines, students gain a thorough and meaningful appreciation of their country and its culture. Required works include *The Great Gatsby*, *The Grapes of Wrath*, and *A Thousand Splendid Suns*.

111121 ADVANCED AMERICAN STUDIES [Grade 11] 2.0 Credits
Students may take the above class for advanced credit, weighted at .08. They are required to do all the work for American Studies and are expected to do additional projects in reading, writing, research, and class presentations. Outside readings are provided for enrichment in history and literary analysis. Students enrolled in Advanced American Studies are expected to maintain an 85 average and are eligible to take the AP exam in American History.

101222 LITERATURE 12 Sem 1 [Grade 12] 1.0 Credit
107023 LITERATURE 12 Sem 2
[Scheduled on alternate days during both semesters]
Students taking Literature 12 continue to develop skills necessary for college studies. Students study a sampling of world and English literature. Analysis and evaluation of style, structure, theme, and point of view are stressed. Students study vocabulary and refine expository and persuasive writing skills necessary for literary analysis and for an issue-specific position paper. Formal and informal presentations are an important element of the course. Students receive assistance writing a college application essay and a resume. Required works include *Death of a Salesman*, *Macbeth, 1984*, and *The Kite Runner*. 
The AP English Literature and Composition course includes intensive study of representative works from various genres and periods, concentrating on works of recognized literary merit. The majority of texts and reading material are based on the representative authors’ list found within the AP® English Literature and Composition Course Description published by The College Board. One of the goals of the course is to teach students to derive meaning from a text’s structure and style, in addition to analyzing figurative language, theme, diction, and other literary devices. This course engages students in a thorough, intensive study of several genres and literary criticism such as psychoanalytic theory and feminist theory. Students study vocabulary and refine writing skills necessary for literary analysis, and they also receive assistance writing a resume and a college application essay. Students receiving a score of 3 or better are often awarded credit from the colleges they attend. There is a required summer reading assignment. Required works include *How to Read Literature Like a Professor*, *Jane Eyre*, *Frankenstein*, *The Awakening*, *Invisible Man*, *A Doll’s House*, *Macbeth*, and *Death of a Salesman*.

**CONTENT PROFICIENCIES:**

- RL 9-10.4
- W.10.2
- RL 10.1
- L 10.1
- RL 10.2
- L 10.5
- RL 9-10.4
- L10.

**NOTE: STUDENTS WHO ELECT AP COURSES ARE EXPECTED TO TAKE THE AP EXAMS.**

**English Elective Courses**

**102010 WRITING WORKSHOP**  [Grades 9-12]  0.5 Credit

Students who are interested in writing and improving their skills in the area of creative writing will benefit from this one-half credit writing course. The class will focus on using the writing process to develop short descriptive and narrative pieces and stories, poetry in various forms, and dramatic scenes and monologues. Students will write every day, working on specific skills and assignments, and they will serve as peer editors and self-evaluators while sharing their works and ideas. Students in this class will be required to submit some of their writings for publication. Class limit: 15.

**102030 EFFECTIVE WRITING**  [Grades 10-12]  0.5 Credit

Using the writing process, students will improve the writing skills most essential for their success in high school. The class focuses on the elements of the essay as well as a variety of types of essays: illustration, narration, description, process analysis, comparison/contrast, and persuasion. By providing the opportunity for students to write daily, as well as conference, revise, and edit, this course is designed to improve all high school and college academic writing. Class limit: 20.

**103010 CINEMA**  [Grades 10-12]  0.5 Credit

The goal of Cinema, designed as an introductory level film study and appreciation course, is for students to learn how to view a film, not just watch a movie. Students will learn to critically examine and analyze films in a whole new light, by recognizing the purpose of cinematic and literary techniques, and identifying directorial styles. Although the class has a strong visual component, it is also writing intensive, and as such requires numerous writing assignments over the course of the semester that will focus on technique and supporting opinions. Films include *Psycho*, *Les Miserables*, and *The Maltese Falcon*, to name a few.
Do you ever “wing it”? Have you “let the cat out of the bag”? Have you ever completed a “Herculean” task? Students learn vocabulary and learn about word origins in the word power part of this course. Strategies include recognizing roots and suffixes, solving crossword puzzles, and word games, and completing exercises in a vocabulary building text. We emphasize building a better vocabulary for the PSAT, SAT, ACT as well as speaking with power and purpose. Mythology from around the world forms the Heroes part of this class. Every culture has myths and heroes that become part of a shared vocabulary. Themes such as creation, love, and immortality will be explored.

Students taking Effective Speaking will have many opportunities to build confidence and ability to present themselves in a variety of situations. The course includes both formal and informal speaking opportunities. Class activities focus on interpersonal relationships skills, voice quality and variety, listening habits, performance techniques, critiquing, visual aides, knowing your audience, as well as gathering and organizing information.
The Social Studies Department seeks to broaden students’ understanding of themselves and the world in which they live to become responsible and informed citizens of the 21st century. In addition to history, students study geography, politics, sociology, religion, economics, and the art of American and world cultures. We emphasize the interrelationship of the past to the present at every level of our program.

All students during grades 9-11 must complete the following sequence of Social Studies courses in order. Required courses must be taken in order, and only one required course may be taken per year (exception: making up a required course which was failed the previous year). The sequence of required Social Studies courses includes:

<table>
<thead>
<tr>
<th>Grade 9</th>
<th>Sequence 1</th>
<th>Sequence 2</th>
</tr>
</thead>
<tbody>
<tr>
<td>Global Studies</td>
<td>Global Studies</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Grade 10</th>
<th>Sequence 1</th>
<th>Sequence 2</th>
</tr>
</thead>
<tbody>
<tr>
<td>American History 1</td>
<td>Advanced American History 1</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Grade 11</th>
<th>Sequence 1</th>
<th>Sequence 2</th>
</tr>
</thead>
<tbody>
<tr>
<td>American Studies or Advanced American Studies</td>
<td>American Studies, or Advanced American Studies</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Grade 12</th>
<th>Sequence 1</th>
<th>Sequence 2</th>
</tr>
</thead>
<tbody>
<tr>
<td>Social Studies electives</td>
<td>Social Studies electives</td>
<td></td>
</tr>
</tbody>
</table>

**Social Studies Core Courses**

**120922 GLOBAL STUDIES** [Grade 9] 1.0 Credit
Students build upon their previous knowledge of the social studies through continued study of world history, geography, economics and culture. Thematic units include “Transformations in Society,” “Revolutions,” “Cultures in Conflict,” “Imperialism.” Interdisciplinary activities include analyzing historical novels, current events research, biography analyses, historical reenactments, and evaluations of primary sources. Students work extensively in cooperative groups.

**121010 AMERICAN HISTORY 1** [Grade 10] 1.0 Credit
American History 1 fulfills the first half of the two-year American history requirement. Students study the land and history of the North America from post-glacial settlements through the U.S. Civil War. Special emphasis is placed on civics through an exploration of the U.S. Constitution, the Bill of Rights and the workings of American government. Students are expected to complete research projects and writing assignments.

**121021 ADVANCED AMERICAN HISTORY 1** [Grade 10] 1.0 Credit
Advanced American History I is a rigorous course that fulfills the first half of the two-year American history requirement and is recommended for students who plan to take Advanced American Studies. Students study a wide range of issues, events, and people from America’s indigenous (Pre-Columbian) beginnings through the U.S. Civil War. An intensive study of the U.S. Constitution forms the heart of the civics component. Problem solving, critical thinking, independent reading, note-taking, and research skills are emphasized, along with a variety of writing projects. (This class is weighted for advanced credit)
American Studies is a yearlong course jointly taught by teachers in English and Social Studies. Focusing on American culture, the class includes history, literature, art, music, and popular culture. Common themes are traced from the Romantic Period and the Reconstruction Era through the present. Students are expected to make connections between the various periods, complete a wide variety of projects, and contribute to class discussions and group activities by working both cooperatively and independently. Extensive reading and research projects are required. College preparatory vocabulary and critical writing skills are developed. By integrating the disciplines of English and history, students gain a thorough and meaningful appreciation of their country and its culture. (This class is weighted for advanced credit at .05.)

American Studies students enrolled in the advanced section are required to do all the work for American Studies as well as additional projects in reading, writing, research, and class presentations. Outside readings provide exercises in historiography and literary analysis. (This class is weighted for advanced credit.)

By taking this course, students prepare for the AP exam in World History. In this course students investigate significant events, individuals, developments, and processes in the historical periods from approximately 1200 C.E. 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. A passing grade on the three hour A.P. exam often means the recognition of college credit. Frequent quizzes and tests model the A.P. exam. Work in this course is comparable to work in an introductory level college course. (Open to juniors and seniors with recommendation of their former social studies teacher(s).

Note: Students who elect AP Courses are expected to take the AP Exams.

Social Studies Elective Courses

Vermont Heritage [Grades 10-12] 0.5 Credit
What does it mean to be a Vermonter? This elective illuminates Vermont as a unique and special place. The emphasis is placed on the State’s past, present and future. Students will research and discuss Vermont current events and how they impact their lives. Several field trips and guest speakers are incorporated throughout the semester. This course is offered through our Moosalamoo Program.

You and the Law [Grade 10-12] (Not Offered in 2020-2021) 0.5 Credit
Know Your Rights! Learn about the legal environment in which you live and the laws that govern human conduct. Explore the civil, criminal, and juvenile justice processes. Additional units focus on consumer protection, deceptive sales practices, contract laws, credit, family and housing law. Students will make informed discussions, debate issues, and examine case studies. Students will be expected to demonstrate their acquired knowledge through a mock trial, followed by a trip to a criminal court.

World Geography [Grades 10-12] 0.5 Credit
Do you like to travel? Would the exploration of exotic places interest you? Do you like current events? If so, then this activity based course is for you. While exploring the world, students will find themselves in the middle of world conflicts over food, water, land, fossil fuels and global warming. A “Model UN” program is incorporated into the course. The program asks students to become part of the world community, as it struggles to balance the needs of humanity within the limitations of earth’s resources. Projects will be used to assess student performance, along with a three-day trip to New York City where students apply their acquired skills to move among the city’s multi-cultural communities to experience diversity through food, language, and customs.
123010  **BEHAVIORAL SCIENCE**  [Grades 11 & 12]  1.0 Credit
Why do we do the things we do? Using materials from psychology, sociology, and anthropology, students study human behavior. Student centered study emphasizes identity, dreaming, substance abuse, child development, adolescence, advertising, sexuality, aggression, conformity, prejudice and discrimination. Students are expected to complete a research project and tests are infrequent.

123021  **ADVANCED BEHAVIORAL SCIENCE**  [Grades 11 & 12]  1.0 Credit
Advanced Behavioral Science follows the same format as Behavioral Science, but students are held to a higher standard of grading, with respect to both written work and depth of material analyzed in papers and projects. Students should be encouraged to take this section only if they have maintained a B or better average in previous college prep courses. Requirements include one research paper, one book report, and one film review, in addition to the unit assessments. (This class is weighted for advanced credit.)

120550  **ECONOMICS 101**  [Grades 10-12]  (Not Offered in 2020-2021)  0.5 Credit
Are Baseball payers overpaid? What is the price of clean air? Students evaluate these questions and view the world around them through the eyes of an economist. By critically analyzing controversial social and public issues, the class examines economic principles such as scarcity, cost benefit analysis, as well as supply and demand. Additionally participants examine U.S. economic skills necessary to function as an informed citizens of the 21st century. Skills gained are demonstrated through a required project examining a national healthcare issue.

124010  **CONTEMPORARY AMERICAN ISSUES**  [Grades 10-12]  0.5 Credit
How does an informed citizen actively participate in a democratic society? Through the study of state and national issues, students will examine the roles and responsibilities of being an American citizen and how to monitor and influence public policy. The role of public policy and the responsibilities of the media will be examined. Students will participate in the democratic processes and take an active role in their communities. This is a hands-on course designed to get students involved. Activities may include: polling the student body, interviewing local politicians, debating issues, examining elections and the election process, writing letters to elected officials, participating in Select Board meetings, researching current events, or developing public policy on a chosen topic.
Mathematics offers all students preparation in the skills necessary for competence in mathematics, as well as preparation for further training. All courses aim to increase the understanding of basic concepts, to broaden the knowledge of our number system, and to apply this through mathematics. Experience with quantitative reasoning, study of the techniques of critical thinking and knowledge of the contributions mathematics has made and is making in our society are emphasized in upper level mathematics courses.

### RECOMMENDED MATH SEQUENCES

<table>
<thead>
<tr>
<th>GRADE</th>
<th>SEQUENCE 1</th>
<th>SEQUENCE 2</th>
<th>SEQUENCE 3</th>
</tr>
</thead>
<tbody>
<tr>
<td>8th</td>
<td></td>
<td></td>
<td>Algebra 1</td>
</tr>
<tr>
<td>9th</td>
<td>Transitional Math</td>
<td>Algebra 1</td>
<td>Geometry</td>
</tr>
<tr>
<td>10th</td>
<td>Integrated Math 1</td>
<td>Geometry</td>
<td>Algebra 2</td>
</tr>
<tr>
<td>11th</td>
<td>Integrated Math 2</td>
<td>Algebra 2</td>
<td>Functions, Trigonometry and Analytical Geometry</td>
</tr>
<tr>
<td>12th</td>
<td>Integrated Math 3</td>
<td>Functions, Trigonometry and Analytical Geometry</td>
<td>Pre-Calculus and Calculus</td>
</tr>
</tbody>
</table>

**NOTE:** Only one math credit may be earned by taking courses offered by the Business Department.

### Mathematics Core Courses

**140050 Transitional Math** provides the necessary foundational skills to meet the Vermont Common Core Standards and Otter Valley’s Essential Learning requirements. Transitional math has an intense focus on the development of Algebra readiness skills. Student’s work must be proficient in each of the 9 units to complete this course. Each lesson provides ideas to allow students to build understanding and familiarity with new mathematical ideas while they apply, sharpen, and maintain the skills they already have.

Concepts taught include: adding/subtracting integers, decimals/fractions, variables, inequalities, expressions, multiplying expressions, equality, commutative/associative/distributive property, solving equations, polynomials, order of operation, systems of equations, linear/multi step equations, coordinate plane, functions, graphing, word problems, slope, graphing relationships, and the Pythagorean Theorem.

**Integrated Mathematics** is a mathematics program that integrates the topics or strands of the Common Core State Standards and the Otter Valley non-negotiable skills throughout each of the 3 integrated mathematics courses. Each course in this program covers topics in algebra, geometry, probability, statistics, and trigonometry.

**140011 INTEGRATED MATH 1**

This course covers algebraic topics of: solving linear equations and inequalities, linear functions and systems of functions. Additionally this course covers the fundamentals of geometry and geometric relationships including congruent triangles and perpendicular and parallel lines. In addition, the course will include statistical analysis, variation, distribution and data display.

**140021 INTEGRATED MATH 2**

This course covers the Algebra topics of functions and exponents, solving polynomial equation, factoring polynomials, graphing quadratic functions, solving quadratic equations. Geometry topics of relationships with triangles, right triangles, quadrilaterals, similarity, circumferences, areas, volumes. Statistics topics of theoretical and experimental probability, odds, probabilities of dependent and independent events, permutations, and combinations.
14031  **INTEGRATED MATH 3**  
1.0 Credit  
This course covers the Algebra topics of linear functions and transformations, absolute value functions and transformations, quadratic functions and transformations, modeling quadratic functions, polynomials, properties of rational exponents, solving radical equations, invers functions. Geometry topics of areas, volumes, right triangle trigonometry, angle measurement, radian measure. Statistics topics of population, samples, hypotheses, normal distributions, data collection, experimental design.

140911 **ALGEBRA 1**  
1.0 Credit  
This course will stress understanding of the basic structure of Algebra, techniques for problem solving, acquisition and facility in applying algebraic concepts, and an appreciation for the precision of language needed in higher mathematics. Concepts include: evaluation of expressions, solving equations and inequalities, introduction to functions and fundamental notation, linear functions, exponents, introduction to polynomials and probability and data analysis. This class has been revised to meet the Vermont Grade Expectations. **Ninth grade students who request to enroll in Algebra 1 and Geometry during the same school year need prior consent from their instructor.**

100913 **GEOMETRY**  
1.0 Credit  
Geometry provides experiences that deepen the student’s understanding of shapes, and their properties, with emphasis on their wide application in human activity. Geometry will be developed from an inductive as well as deductive perspective. Students will also focus on the important connection between Algebra and Geometry. **A TI84 (graphing calculator) is recommended.**

141112 **ALGEBRA 2**  
1.0 Credit  
Algebra 2 covers topics such as logarithmic and exponential functions, quadratic functions, general polynomial functions, binomial theorem, systems of linear and/or quadratic equations, matrices relations and functions, and the study of rational, irrational, and complex numbers. Scientific calculators are standard equipment in this class. **A TI 84(graphing calculator) is recommended. Proficiency level of 80% or greater in Algebra 1 or Geometry required.**

142011 **FUNCTIONS, TRIGONOMETRY AND ANALYTIC GEOMETRY**  
1.0 Credit  
Functions, Trigonometry and Analytic Geometry provides students with a review of functions and algebraic skills required to be successful in trigonometry. Students will develop a deep understanding of trigonometry from two perspectives: right triangle trigonometry and the unit circle (as a function). Students will explore concepts in analytical trigonometry and analytical geometry. Proficiency level of 80% or greater in Algebra 2 required.

142020 **PRE-CALCULUS**  
1.0 Credit  
Pre-calculus should be taken by all students who plan to major in technical fields, computer science, or who will take college calculus. This course emphasizes mathematical thinking with an introduction to formal logic. Students will review polynomial, exponential, logarithmic, and trigonometric and rational functions. With computers and graphing calculators, students will build their understanding of the properties and uses of function. Students will also study discrete mathematics topics such as graphs and circuits, combinatorics, recursion, and mathematical induction. A TI 84 calculator is recommended.

147010 **CALCULUS**  
1.0 Credit  
Calculus should be taken by students who plan to pursue technical fields in college. This is an introductory calculus course using a modern approach to a classic subject. Graphing calculators allow the use of numerical and graphical methods that are more directly related to concepts, in addition to algebraic methods. This allows students with average algebra skills and strong study skills) to be successful in calculus. Calculus is presented as the study of four fundamental concepts: limits, derivatives, definite and indefinite integrals. **A TI 84 (graphing calculator) recommended. Prerequisite:** Pre-Calculus with a grade of 80% or greater.
Science
160000

The Otter Valley Union High School Science Department provides students with opportunity to develop contemporary skills in science education that are consistent with state and national science academic standards. We promote student understanding of scientific concepts relevant to the individual and to society, and foster an appreciation of scientific inquiry. Our students obtain a broad education covering a wide variety of content disciplines. Our constructivist teaching philosophy, curriculum, and facilities support a hands-on experience.

The OV Science program has a variety of required and elective courses to meet this philosophy. Courses that specify laboratory are two semesters in duration to facilitate lab instruction. The movement from one course to the next course in sequence is contingent upon satisfactory performance.

### Suggested Sequences of Core Science Courses

<table>
<thead>
<tr>
<th>Grade</th>
<th>Sequence 1</th>
<th>Sequence 2</th>
<th>Sequence 3</th>
</tr>
</thead>
<tbody>
<tr>
<td>9</td>
<td>Geophysics</td>
<td>Geophysics</td>
<td>BSCS Biology (2 semesters)</td>
</tr>
<tr>
<td>10</td>
<td>Biology</td>
<td>BSCS Biology (2 semesters)</td>
<td>Chemistry (2 semesters)</td>
</tr>
<tr>
<td>11</td>
<td>Practical Chemistry</td>
<td>Chemistry (2 semesters),</td>
<td>Physics, or Adv Anatomy &amp; Physiology,</td>
</tr>
<tr>
<td>12</td>
<td>Physics</td>
<td>Physics, Adv Anatomy &amp; Physiology,</td>
<td>AP Biology, AP Chemistry, or Adv Anatomy</td>
</tr>
</tbody>
</table>

### Science Core Courses

**160910 GEOPHYSICS [Grade 9]**

Geophysics is a one semester laboratory science course guided by the Next Generation Science Standards designed to explore the interactions between the physical concepts of matter and energy and Earth and the universe. Students investigate physical and geological concepts in an inquiry-based approach. Skills are taught and practiced including inquiry, technology, engineering and mathematics in the context of the content standards. These include Earth’s place in the universe, Earth systems and human impact. This course is considered a prerequisite to all high school science courses.

**160920 B.S.C.S. BIOLOGY Sem 1 [Grades 9-12]**

2 semester course

This is a laboratory course for college-bound students. This course requires a two-semester commitment where students will have the opportunity to explore the interactions of organisms within their environment. Throughout the year, students will be exposed to a wide range of topics through lab experiences, lectures, homework assignments and research, as well as individual and group projects and presentations. All students are expected to complete a research paper during the second semester.

<table>
<thead>
<tr>
<th>Semester 1 Units</th>
<th>Semester 2 Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 Ecology</td>
<td>5 Plants</td>
</tr>
<tr>
<td>2 Animals</td>
<td>6 Diseases</td>
</tr>
<tr>
<td>3 Cell Morphology</td>
<td>7 Bioenergetics</td>
</tr>
<tr>
<td>4 Protists</td>
<td>8 Genetics</td>
</tr>
</tbody>
</table>

Prerequisite: Successful completion of Geophysics, or Students Who Did Not Complete Geophysics: “A” average in science and completion of Algebra I.
161011 **BIOLOGY**  [Grades 10-12]  1.0 Credit
This course will focus on the process of science. The course uses a combination of labs, activities, and readings to teach about how scientists approach the study of the living world. The focus of the class is on the worldwide web of life and the fact that all organisms, including humans, are linked in that web.

162011 **PRACTICAL CHEMISTRY**  [Grades 10-12]  1.0 Credit
Practical Chemistry is a one-semester laboratory course. Its goal is to provide a course in chemistry that centers on materials and situations that students will encounter in everyday life, such as drinking water, energy, conserving resources, health, foods, and the environment. The goal is to assist students to explore how chemical concepts apply to their everyday lives and their community’s life. The principles of chemistry are applied to issues related to drinking water, energy, conserving resources, health, foods, and the environment. This course is designed for students who desire a chemistry background but who do not intend to be science majors. Course topics include traditional chemical concepts such as atomic structure, chemical bonding, formulas, equation, solution theory, and gas laws.
**Prerequisite:** Successful completion of Geophysics and Biology

162022 **CHEMISTRY Sem 1**  [Grades 10-12]  2.0 Credits
162024 **CHEMISTRY Sem 2**  2 semester course
This laboratory course is designed to allow students to develop a working understanding of the concepts, methods, and practical applications of chemistry. The course relies heavily on math skills learned in algebra and to be successful a student should have completed algebra and be competent in skills such as using exponential notation in calculations, setting up ratios, and graphing and interpretation of graphed data. Topics covered include atomic structure, chemical bonding, formulas, equations, solution theory and acid/base chemistry, Kinetic Theory, Chemical Equilibrium, Electrochemistry, Organic Chemistry, and Nuclear Chemistry. This course requires a two-semester commitment. A scientific calculator is highly recommended.
**Prerequisite:** Successful completion of BSCS Biology.

*This course is offered to juniors and seniors as a dual enrollment course which would be weighted as a college level course and earn the student college credits.*

163011 **PHYSICS**  [Grades 11 & 12]  1.0 Credit
This course explores the topics of mechanics, thermodynamics, energy, electricity and magnetism in a conceptual approach. Projects and assessments address mathematical foundation of physics. Emphasis is on the application of physics concepts including the use of the laboratory activities as well as the Engineering Design Process. The ability to gather and analyze data is imperative so students should demonstrate success in advanced algebra (Algebra 2).

163020 **ADVANCED ANATOMY AND PHYSIOLOGY**  [Grades 11 & 12]  1.0 Credit
An elective course for students in grades 11 and 12 that covers the eleven systems of the human body in detail. The course begins with the learning of the terminology used to refer to the human body and progresses through the systems. Students are expected to memorize the structures that form each system and to understand how each system functions. Dissection of mammalian organisms and/or organs is required. Chemistry is a prerequisite.
This is a course in advanced topics in biology. It is specifically for students with a high interest in biology who wish to get a head start on their college science credits. The course follows an approved AP Biology curriculum with specific goal of preparing students to take the advanced placement exam. Students need to bring a strong base of knowledge from BSCS Biology and CP Chemistry. There will be summer assignments to ensure that the students have kept their knowledge fresh. Participants in this class should plan on a significant homework load.

This course is offered to juniors and seniors as a dual enrollment course which would be weighted as a college level course and earn the student college credits.

Note: Students who elect Pp Courses are expected to take the AP Exams.
Moosalamoo Center — Wilderness Education

Moosalamoo’s Wilderness Education program combines Vermont’s statewide academic standards with technical outdoor and backcountry skills. Students explore topics ranging from philosophy to physics. Through this broad spectrum they gain a solid background in ecology, literature, and wilderness resource management.

**117410  MOOSALAMOO 9 [Grade 9]**

2 credits
This course is focused on naturalistic bio-regional themes. This class spends intensive amounts of time examining how our natural landscape has shaped a culture and how these historical lessons can be used to make effective decisions in the future. Students will build real life connections between Otter Valley’s back yard (Hawk Hill) and the larger global picture. Students enrolled in Moosalamoo 9 will also receive a Geophysics and Algebra 1 credit that is tangibly linked to environmental education themes. Examples of study are Vermont oral histories, maple sugaring, ecological survey, wildlife tracking, land use history, environmental literature, sense of place and anthropocentric landscape interpretation. In addition skills such as academic organization, goal setting, public speaking, confidence building and teamwork are emphasized.

**117420  MOOSALAMOO/OUTDOOR EDUCATION 11-12 [Grades 11 & 12]**

The Moosalamoo Center is unique outdoor opportunity for Otter Valley High School students. The course takes students into the natural world and allows for academic exploration in the most authentic of settings. The curriculum is derived from the natural landscape and the adventures within. The educational process is rigorous and in many cases college level. A student who joins Moosalamoo receives an experience that allows for field based study in conjunction with traditional class room work. Moreover the active learner gains skills in teamwork, leadership, confidence, goal setting and positive risk taking. Students embark on five overnight wilderness expeditions a year, these trips will be highlights for years to come. Students also facilitate a number of ecological workshops for elementary aged students as a form of assessment. The 2020-2021 school year will have outdoor themes such as fly fishing, winter camping, rock climbing and ski touring as courses of study. High school credits will be rewarded in traditional manner. This will be in conjunction with an opportunity for dual enrollment at Castleton University. 1 high school credit per semester

**Applications for Moosalamoo 9 and Moosalamoo/Outdoor Education 11-12 are available in the guidance office.**
World Languages 180000

The World Languages Department offers courses that will provide the foundation for students to become responsible, global citizens with an appreciation for others' cultures.

TRANSFERABLE SKILLS:
Clear and Effective Communication
Responsible and Informed Citizenship

CONTENT PROFICIENCIES:
- **Level 1:** Me and my world: I can describe myself and my surroundings
  This is a semester-long course. Pre-requisite: Level I.
- **Level 2:** Then and Now: I can narrate present and past events
  This is a semester-long course. Pre-requisite: Level I.
- **Level 3:** Our Choices, Our Future: I can discuss hypothetical concepts
  This is a semester-long course. Pre-requisite: Level II.
  Completion of level III language courses is a pre-requisite to be of eligibility for our trips abroad.
- **Level 4-5:** Global Challenges - Above and Beyond: I can navigate complex topics and materials in a variety of situations
  This is a semester-long course. Pre-requisite: Level III

The content proficiencies will be assessed through the following modes: **Interpersonal Communication, Presentational Speaking, Presentational Writing, Interpretive Reading, Interpretive Listening** (cf: https://www.actfl.org/sites/default/files/pdfs/PerformanceDescriptorsLanguageLearners.pdf (p.7))

Success in World Language classes beyond level one is tied to the success reached at the previous level. It is strongly recommended that students who have achieved less than a 70 in the previous level not advance to a higher level. For those with less than a 70 average there is the option of repeating a level.

182010 FRENCH 1 [Grades 9-12] 1.0 Credit
The introductory course sets the groundwork for a student to be able to use basic language skills, using the three modes of communication. By the end of this course, students should be able to communicate in basic everyday-life situations, including greetings, daily activities, finding your way, telling time and date, making simple purchases, ordering a meal, etc... Students should be able to understand very simple oral and written texts, and ascertain specific information on simple topics and develop insight into the culture and society of the French-speaking world.

182020 FRENCH 2 [Grades 9-12] 1.0 Credit
French 2 aims to improve students' ability to communicate in French, to systematically review grammar previously studied, to be exposed to the past tense, and to enhance the students' knowledge of the cultural diversity of the French-speaking world (history, holidays and traditions, songs, geography, etc...). By the end of this course, students should be able to discuss current topics of interest, using an expanded vocabulary as well as a variety of tenses, including the passé composé.

182030 FRENCH 3 [Grades 10-12] 1.0 Credit
This course opens students to conversing on more abstract topics through the use of media and books. By the end of this course, students should be able to understand authentic passages on familiar issues, and communicate on a variety of subjects, using accurate pronunciation and intonation as well as a range of language and structures, and to read and summarize a limited number of authentic texts (fairy tales, songs, etc...). They should also be able to write more complex texts on familiar issues, and develop intercultural competence.
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Grade Levels</th>
<th>Credit</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>182041</td>
<td><strong>LA BELLE FRANCE</strong></td>
<td>Grades 11 &amp; 12</td>
<td>1.0</td>
<td>This course is offered to students who have successfully completed level 3 of the French language. This course takes students on a cultural, historical, literary voyage around the different regions of France, while expanding their language skills. Theater, literature, art, music, and cinema are interwoven with language study.</td>
</tr>
<tr>
<td>182042</td>
<td><strong>LE MONDE FRANCOPHONE</strong></td>
<td>Grades 11 &amp; 12</td>
<td>1.0</td>
<td>This course is offered to students who have successfully completed level 3 of the French language. This course takes students on a cultural, historical, literary voyage around the different regions of the Francophone world, while expanding their language skills. Theater, literature, art, music, and cinema are interwoven with language study.</td>
</tr>
<tr>
<td>183010</td>
<td><strong>SPANISH 1</strong></td>
<td>Grades 9-12</td>
<td>1.0</td>
<td>This introductory course sets the groundwork for a student to be able to comprehend Spanish language using the basic modes of communication. Students will develop basic conversational skills and be able to communicate about basic daily functions. Students will also develop a cultural awareness that includes idioms, customs, as well as the many countries and facets of the Spanish-speaking world.</td>
</tr>
<tr>
<td>183020</td>
<td><strong>SPANISH 2</strong></td>
<td>Grades 9-12</td>
<td>1.0</td>
<td>In the second level of study students will expand their vocabulary related to sports, travel, music, and leisure activities. Students will be able to discuss current topics of interest using a variety of verb tenses, including past, present and near future. Greater focus is placed on past tenses, preterite and imperfect. Cultural studies will focus on traditions, holidays, food, geography and the history of Mexico and Spain.</td>
</tr>
<tr>
<td>183030</td>
<td><strong>SPANISH 3</strong></td>
<td>Grades 10-12</td>
<td>1.0</td>
<td>This course focuses on conversation and an introduction to literature in building both grammar skills and vocabulary. Readings involving Spanish and Hispanic cultures, short stories, poetry, myths/legends and children’s literature are incorporated into the curriculum. Short films, popular music and other media will help students with their mastery of the language. In both written and oral work students will learn to discuss opinions, conduct increasingly advanced conversations and develop skills in mastering the sequencing of tenses and moods.</td>
</tr>
<tr>
<td>183032</td>
<td><strong>ESPAÑA TODO BAJO EL SOL</strong></td>
<td>Grades 11 &amp; 12</td>
<td>1.0</td>
<td>This course will focus on the study of the culture, people, art, music, history, sports, performing arts, architecture, literature, films and foods of Spain. We will review and develop students’ mastery of Spanish grammar and its practical usage in daily life situations.</td>
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<tr>
<td>183042</td>
<td><strong>EL MUNDO DE LOS HISPANOHABLANTES</strong></td>
<td>Grades 11 &amp; 12</td>
<td>1.0</td>
<td>This course will focus on the study of the cultures, people, music, histories, sports, arts, literatures, films, and foods of the Spanish-speaking world. We will review grammar and introduce some new concepts and applications in daily life situations. Films, television clips and music from various Spanish speaking countries will be used to polish listening, writing and speaking skills.</td>
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Business
200000

The mission of the Business Department is to engage students in learning opportunities focused on developing technical competency in digital and print productions, global perspectives, oral and written communication skills, and professional workplace and human relations skills.

205021 21ST CENTURY COMPUTER APPLICATIONS 0.5 credit
In 21st Century Computer Applications, student projects focus on communication and critical thinking skills as well as software applications using the Microsoft Office Suite and other open source applications. Additional topics explored will include: safe and effective internet skills; understanding issues on the use and disclosure of personal information and privacy on the web, online property rights and fair use issues. This course is designed to help students’ master skills utilizing word processing, desktop publishing, spreadsheets, database management, and presentation software, as well as internet use to improve their high school projects and be more prepared for the future. This course meets the graduation requirement.

205024 MULTI-MEDIA DESIGN 0.5 Credit
A course designed to provide students with skills involving desktop publishing, web development and digital graphics, digital audio, and animation. Students use various computer hardware peripherals as well as the Internet for integrating skills to create a variety of publications and productions. This course meets the graduation requirement.

204020 PERSONAL FINANCE 0.5 credit
(May fulfill ½ math credit)
Do you have personal and financial goals? Students will learn about the financial impact of choices they make. This course reviews personal spending, saving, borrowing, and investing decisions. Students learn to create a comfortable budget and make intelligent decisions about major purchases, insurance and even retirement savings. Rights of consumers and the responsible use of credit will be covered. These decisions will be aided by personal and household bookkeeping tools. This course meets the graduation requirement and is strongly recommended prior to graduation. This course will be a required course for those students graduating in 2024.
204030  ACCOUNTING I  1.0 credit
This course is designed to give students an introduction to the basic principles of financial accounting. This includes accounting principles and practices, accounting systems for recording business transactions, an overview of the accounting cycles for service and merchandising enterprises, the matching concept, basic financial statements and cash for sole proprietorships and partnerships.

204040  ACCOUNTING II  1.0 credit
(May fulfill 1 math credit)
A continuation of accounting I skills, accounting II expands your knowledge to accounting principles and practices for corporate business structures.

203010  ENTREPRENEURSHIP  0.5 credit
Explore the idea of creating your own business. Learn the fundamentals of decision making, communication, human relations, and general management in a small business setting. Create a plan for your enterprise while investigating the four P’s of marketing: Product, Promotion, Price, and Place. You will have the opportunity to conduct market research, develop new products, write jingles, and create radio, TV, and magazine advertisements. This course will give you the opportunity for hands-on, creative, new learning.

203035  SPORTS AND EVENT MARKETING
In this class, we’ll explore the business side of sports and event marketing—including cover sponsorships, endorsements, promotions, merchandising, and entertainment. This course is designed to provide students with an understanding of the 4Ps of marketing: product development, pricing, promotion, and places of distribution. Throughout this course, we will incorporate computer application skills, communications, and social media to create marketing and promotional materials.
Driver & Traffic Safety Science
220000

222010 DRIVER & TRAFFIC SCIENCE/OTTERS IN SERVICE [Gr. 10-12] 0.5 Credit
This course has several requirements set by Vermont state law that prepares students to be safe and capable drivers. Using the Vermont Driver’s Manual and videos, a textbook and handouts, students will learn all aspects of proper highway use, as well as how to buy, insure and maintain a vehicle.

Students will receive:
- A minimum of 30 hours of classroom instruction
- 6 hours of behind-the-wheel instruction
- 6 hours of observation

**Important Note:**

In order to be eligible to take Driver & Traffic Safety Science, a student must be at least a sophomore (grade 10) and at least 15 years and three months of age. They must present a valid learner’s permit at least two weeks prior to the beginning of the course. Parents/guardians must also commit to providing practice driving time with their child (fifty hour total). Enrollment is limited. If enrollment maximums have been reached, preference will be given to 12 graders, then to 11th graders, before 10th graders are allowed to take the course.

222015 OTTER VALLEY COOPERATIVE [Gr. 10-12] 0.5 Credit
Otter Valley Cooperative assists students in developing a sense of community and promoting accountability and responsibility.

There are several components involved in receiving a grade for Otters in Service:
1. Participation at Otter Valley Union High School or a community site.
2. Regular attendance.
3. One brief reflection journal for each marking period.
4. Placement evaluation each marking period.

**THIS COURSE PARTNERS WITH DRIVER’S EDUCATION**

**NOTE:** A valid Vermont Learner’s Permit must be obtained by each student 2 weeks prior to the start of the course. Students who do not have a valid Learner’s Permit on the first day of class will not be permitted to remain in the class.
Family and Consumer Science course goals are aligned with the Otter Valley Vital Results and the Mission and Expectation for Student Learning. Students will work toward proficiency in communications, reasoning, problem solving and personal development. Graduation requirements for FACS can be met when students choose from our variety of course offerings. As you experience FACS courses your awareness of your role as a member of the adult world will take shape.

Health Courses:
Do you have what it takes to live a long and healthy life? To meet this challenge it is essential to understand issues such as; mental and emotional health, communication and relationship building, nutrition and fitness, sexuality, reproduction and human development, contemporary health issues and healthy lifestyle practices concerning choices around drug, tobacco, and alcohol use and abuse.

242010 FOODS LAB [Grades 9-12] 0.5 Credit
Foods Lab is your gateway to advance from being able to cook box Mac and Cheese to becoming a chef. Learn to prepare a variety of nutritious foods, learn how to read recipes, learn to create your own recipes, use state-of-the-art appliances, master food preparation techniques, and learn how to stay healthy with food. You’ll also plan, create, and serve complete meals on a budget. You’ll become a savvy consumer as well as an experienced connoisseur. Come experience Food Science in the art of garnishing and sensory evaluation just like the top food experts. Maybe a career awaits which requires the knowledge of working with food at the core?
Note: Students may not enroll in Foods Lab and International Foods in the same semester.

240910 HEALTH 9-12 [Grades 9-12] 0.5 Credit
[Accepted as a Health credit for graduation]
BECOME INFORMED AND ACTIVELY ENGAGED IN REMAINING HEALTHY THROUGHOUT YOUR LIFETIME! In this class, you will read about current health issues locally and worldwide. You will be part of a group of peers who will learn about and use relationship skills, communication skills, and stress management techniques. As part of disease prevention, you will learn about diseases (both rare and common) and how to reduce your risk of illness with good lifestyle practices, such as nutrition and fitness.

240920 Healthy Independent Living [Grades 9-12] 0.5 Credit
Not everything you learn in high school initially seem relevant for your life, but what could be more beneficial to all students than learning how to live a healthier lifestyle? This course will combine the most relevant aspects of family and consumer science, and health courses. Students will spend time working in the kitchen lab, exploring opportunities to increase their physical fitness and developing/practicing skills necessary to living healthy lives. In this course students will be immersed in nutrition and preparing healthy foods, menu planning on a budget and being a savvy shopper, learning basic first aid, strengthening their social and emotional health, recognizing and reducing environmental factors that affect our health and exploring ways to increase their physical fitness levels all with the focus of developing skills to live independent and healthy lives.

Students will have the option of applying this .5 credit to Family and Consumer Science or health graduation requirement.
Physical Education
260000

262010 PHYSICAL EDUCATION [Grades 9-12] 0.5 Credit
The classes in Grades 9-12 offer a wide variety of activities aimed at aiding social, emotional and mental ability, as well as an appreciation of physical activity. Emphasis is placed upon cooperative participation with classmates to problem solve in a physical activity setting. Throughout both semesters, all activities will be geared towards the everyday physical education student. Students may earn up to a total of 2 credits during the four years of high school, at the rate of no more than 0.5 Credit per year.

First Semester: The following team sports may be offered during the first semester: field hockey, soccer, flag football, speedball/gatorball, lacrosse, floor hockey, volleyball, basketball and team handball. Dual activities could include: Frisbee, wrestling, table tennis, and badminton. Activities geared for individual enjoyment could include: jogging and conditioning, archery, dance, physical fitness, weight training, cross-country skiing, golf, and snow shoeing.

Second Semester: In the area of team sports the following may be offered: softball, lacrosse, team handball, indoor soccer, wiffleball, floor hockey, volleyball and basketball. Dual activities could include: Frisbee, table tennis, badminton, and wrestling. Individual activities offered could include: track and field, bowling, jogging, golf, weight training, cross country skiing, dance, and snow shoeing.
PERSONAL FITNESS  [Grades 9-12]  0.5 credit

In Personal fitness emphasis is placed on student’s individual responsibility in creating and using a personal fitness plan, tailored to the student’s individual goals. Students will spend less time playing group games and more time learning how to use equipment to be confident working out in weight rooms or gyms that may be available during or after high school. The focus is on strengthening and conditioning, developing knowledge of fitness concepts, and lifetime sports, such as hiking, archery, snowshoeing, yoga, aerobic workouts, frisbee golf, and potentially includes an off campus field trip. We will build knowledge and value in learning about eating healthy and getting appropriate amounts of physical activity. Class activities will be held both in the weight room, in the gym, on the fields, in the woods, and places we can use technology to research and complete assignments. Fitness activities will include a combination of cardiovascular exercise, strength training, agility, plyometrics, flexibility, coordination, balance, and safety awareness. Students will be assessed on their ability to know how to create and use personal fitness plans, exercise and spotting techniques, adherence to safety rules and procedures, overload principles, progression, and written assessments that demonstrate learning about enhancing fitness. Personal fitness provides students the opportunity to improve self-esteem, self-concept, and exposure to lifelong activities for fitness. Dressing appropriately and participation is expected each class as usual.

PHYSICAL EDUCATION THROUGH JUNIOR VARSITY AND VARSITY SPORTS:

Students who participate in Varsity/Junior Varsity athletics can earn up to .5 physical education credits (.25 credits for one sport per season). Prior to participating in this option, the student must have successfully completed (earned .5 credits) in one semester of regular physical education. Students must complete and register the necessary paperwork, complete the season in its entirety, and be in good standing with the team. The signed contract needs to be returned to guidance in the first two weeks of the season. All other completed paperwork needs to be turned in at the end of the season.
282011 WOODWORKING 1 [Grades 9-12] 0.5 Credit
This course provides the opportunity for the learner to understand the importance of a systematic approach to construction and the completion of a project. The course will include safe tool operation, creation of a project, print reading, measuring, woodworking techniques and finishing. Students will learn to build objects such as cutting boards, tool boxes, and Adirondack chairs. They will then be required to build a self-designed project. This course will focus on shop safety with a variety of hand tools, light power tools, and heavy woodworking machinery. (This course fulfills .05 credit in Fine Arts).

283030 INDUSTRIAL TECHNOLOGY [Grades 9-12] 0.5 Credit
This course will focus on the fundamentals and technical skills in carpentry, electrical wiring, plumbing, and woodworking. Industrial Technology aims to help students examine the technical skills needed in high growth fields, but is also a great fit for those who are interested in gaining additional problem solving skills while also applying what they learn in other courses in a project based learning environment. The final project for students will be the construction of a small shed that will be sold at the conclusion of the course.

283035 STEAM: Motors, Myths and History [Grades 9-12] 0.5 Credit
Are you interested in science, technology, engineering, art or mathematics (STEAM)? Otter Valley Tech Ed offers a unique way to explore all of these through our STEAM courses. Each STEAM course will center around a specific topic that students will dive deeply into and learn about the specifics of a topic. This course would offer students a chance to learn about the design build process and the associated skills that go along with that from tool use, to CAD and 3D printing. This year’s STEAM course will be a history-meets-application course that is based on one of the most significant discoveries of the last 200 years, the electric motor. This course will explore the Davenport Motor which was built here in Brandon and is recognized as the first electric motor ever built. You will learn about motors and the history of the area, build a small working DC motor and work as part of team to construct a museum exhibit around the technologically important discovery.
Visual And Performing Arts  
300000 & 320000 & 340000

Through the appreciation of and participation in music, art, and drama, we offer students multi-sensory experiences, which stimulate creative thinking and provide an important perception and understanding of the individual and the world in which he/she lives. Each particular discipline/course helps to develop problem solving skills, reinforce group awareness and foster cooperation, and contribute to the intellectual, social and emotional growth of the individual.

Art Program  
300000

As an artist you are in an enviable position. You are both creators and thinkers. It is your vision that will lead us.

302040  INTRODUCTION TO STUDIO [Grades 9-12]  
0.5 credit
This course will introduce students to the high school art studio. Students will learn basic skills, procedures, and concepts necessary to create a foundation in art. During this class students will be introduced to the creative thinking habits and learn the basics of drawing, painting, pottery, photography, and sculpture. They will learn how to prep, use, and take care of their tools and materials. Students will focus and create artwork that deal with the Elements and Principles of Design. They will learn how to describe their work and understand what choices can make a stronger composition. Toward the end of the semester students will assess their work, choose their strongest pieces to showcase, and create a display within the school.

302010  ART WORKSHOP [Grades 10-11]  
0.5 credit
Art Workshop focuses on students developing their vision and voice, learning specialized techniques, and practicing problem-solving skills. Students will experiment with a wide range of media that will build on the lessons learned in Introduction to Studio. During this course, the student will take on more responsibility and will be in charge of choosing their artistic medium to reply to thought-provoking thematic units. Students will research and study past and present works of art to inspire and educate them about the possibilities from each of the materials. Near the end of the semester students will assess their work, choose their strongest pieces to showcase, and create a display within the school.
Prerequisite: Introduction to Studio

303020  CERAMICS (Grade 10-12)  
0.5 Credit
Proficiency: Creating, Presenting, Responding, Connecting
This course will expose students to functional, non-functional, and sculptural ceramics. Students will learn basic hand building skills: pinch, coil, slab, and molds. Students will also have an opportunity to work on the pottery wheel. Students will study historic and contemporary ceramic work to inspire and educate them about what is possible with clay. Students will learn the different stages of clay and how to manipulate the clay at various points in the process. Students will learn about basic glazing application and firing techniques. Students will assess their work, and choose their strongest pieces to display within the school.
Prerequisite: Introduction to Studio

303033  PRINTMAKING (Grades 10-12)  
0.5 Credit
This course will expose students to the basics of printmaking. An interest in drawing is recommended for this course. Students will have an opportunity to print their original art on paper, clothe and other materials. Students will learn a variety of printmaking techniques such as relief, monoprinting, and silk screen. Students will study historic and contemporary printmaking to inspire and educate them about what is possible. Students will learn how to present their art to an audience as well as assess their work, and choose their strongest pieces to display within the school.
Prerequisite: Introduction to Studio
This course gives students who have taken Introduction to Studio, Art Workshop, Printmaking and/or Pottery an opportunity to advance their skills further. Advanced students are expected to research, plan, and create projects in their interested medium. They will also have to demonstrate better control of media and work independently on assignments. Advanced Studio is meant for the students who want to develop their skills, knowledge, and creative process. This course will also be useful for students wanting to build a portfolio for college submissions. Near the end of the semester students will assess their work, choose their strongest pieces to showcase, and create a display within the school.

**Prerequisite:** Introduction to Studio and at least one other Visual Arts course
Get involved! Sign up for music classes! Be part of a winning team! Our performing ensembles are vitally important ambassadors for our school and our community. In addition, they're lots of fun! Do you wish you had a good voice? Sign up! We'll teach you to sing. So you haven't played that band instrument since you dropped out of band in 6th grade? No problem – we can give you the skills to be a productive member of our High School Band! All performance ensembles may be taken for four years. Each subsequent year offers new challenges and responsibilities.

323011 HIGH SCHOOL BAND [Grades 9-12] 1.0 Credit

This is your chance to be part of the most visible and versatile musical group at our school. The High School Band is a Concert Band, Pep Band, and Parade Band rolled into one ensemble. We have a busy performance schedule, including concerts, basketball games, pep assemblies, parades, graduation, and music festivals. Our main focus is fun through musical excellence. This class requires some instrumental music experience. If you want to participate, but doubt your musical talents, see the instructor. A few school-owned instruments are available for student use.

324021 SENIOR CHORALE [Grades 9-12] 1.0 Credit

Senior Chorale is our primary singing ensemble. Is it for you? If you like to sing, and would like to be part of a singing group that performs many styles of music, Senior Chorale is for you. There is an EASY and non-threatening audition just to see if you can match pitch with your voice. The Senior Chorale performs near and far. Performances may include school concerts, community functions, elementary school tours, and jazz festivals in Boston and/or Amherst, MA. Senior Chorale will give you exposure to many styles of singing, from classical to world music to jazz to pop. Before or after you sign up, please see Mr. Roberts for the EASY and non-threatening audition. Students who have already been in Senior Chorale do not need to re-audition.

343013 HIGH SCHOOL JAZZ BAND

The OUVHS Jazz Band rehearses before school on Monday, Tuesday, and Thursday throughout the school year. The Jazz Band has a standard big band instrumentation of trumpets, trombones, saxophones, piano, bass, guitar, and drums. The Jazz Band is an ambassador of the OV music department, travelling near and far for performances in the community and at jazz festivals. If you are interested in playing in the Jazz Band and are new to the program, please contact the high school music director for more information. Registering for the class can be done through guidance or the music director.

343014 CHAMBER SINGERS [Grades 9-12] 0.25 Credit

If you play a band instrument or sing (or both!), you should have music performance in your life. If your schedule doesn't allow this, HERE is a way for you to do the impossible in a very user-friendly way. Chamber singers is an extension of Senior Chorale, and Wind Ensemble is an extension of HS Band. These classes have their own special requirements, but do not meet during the school day. If you are interested in being part of the performance groups, but have no time in your schedule, sign up for either or both of these options. **Students will register through Mr. Roberts.

324227 MUSICAL THEATER PIT ORCHESTRA [Grades 9-12] 0.5 Credit

Otter Valley has an established reputation for excellence in musical theater. A huge part of this tradition is the pit orchestra, comprised of advanced students and local professionals. The music is difficult and the schedule is demanding, but the artistic experience and potential for musical growth are unsurpassed. If you are looking for the chance to take your musical skills to the next level and beyond, this is it. Registration should be done through the music director. Offered in the fall only.
**JAZZ THEORY AND IMPROVISATIONS [Grades 9-12]**

This class is open to anyone with basic to advanced skills on any melodic instrument. No prior music theory knowledge is necessary. The goal of the class is to help you become a confident, competent improviser in various jazz and rock styles. Music Theory topics will be addressed as jazz performance needs dictate, but the majority of the class will be focused on learning through playing.

**MUSIC THEORY AND TECHNOLOGY [Grades 9-12]**

This class will cover music theory topics from basic to advanced, and will explore possibilities for music composition and production using computer based technology. Prior experience and knowledge in music is helpful, but not necessary. Students will become functional and creative in the use of music notation, music sequencing, and music recording/mastering software and will acquire skills necessary to open up possibilities for lifelong music creation.

**Theater Program 340000**

**THEATER ARTS 1 & 2 [Grades 9-12]**

Theater Arts is an introduction to theater for the beginner or non-actor. The focus of the class is on traditional theater forms, with an emphasis on reading established texts, acting technique, scene study, and character work. Activities will include group theater games, short skits, improvisation, theater history and two performances. Theater Arts 2 is offered concurrently with Theater Arts 1.

**ACTING & FILM 1 & 2 [Grades 9-12]**

In this class students will learn how to produce a short film from beginning to end. Learning will focus on the creation of screenplays, storyboards and on screen acting. The students will learn about the use of cameras for filming and use of editing software. Acting and Film 2 students will create a single film over the semester. This will include script writing, pre-production work, filming and editing.

**TECHNICAL THEATER WORKSHOP 1 & 2 [Grades 10-12]**

Technical Theater Workshop is a course for students interested in the technical aspects of theater design and production. The course includes a basic introduction to theater styles, scenic, lighting, costume, and make-up design; as well as set construction, painting and the use of lighting and sound equipment. Students will also gain experience in stage managing - how to cue and run a show. May be taken for one additional .5 credit as Advanced Technical Theater Workshop where the student will be expected to understand the basics of each area and then concentrate in one area of theater design or production for a final unit of study.

**FINE ARTS THROUGH THEATRICAL PRODUCTION**

Students who participate in high school theatrical productions can earn up to .5 fine arts credits in one school year. In order to earn fine arts credit, the student must fill out and register the necessary paperwork, complete the production in its entirety and be in good standing with the company. Good standing includes regular attendance, participation and effort in both practices and performances. All other completed paperwork needs to be turned in as needed.

The credit is given on a pass/fail basis. Students will register through the instructor.

**FINE ARTS CREDIT THROUGH DIRECTING**

Students who participate in high school theatrical productions can earn .5 fine arts credits. Prior to participating in this option, the student must have successfully participated in four productions since entering high school, one of those being a One Act production. In order to earn fine arts credit, the student must fill out and register the necessary paperwork, complete the production in its entirety and be in good standing with the company. Good standing includes regular attendance, participation and effort in both practices and performances. All other completed paperwork needs to be turned in at the due dates agreed upon during the first pre-production meeting.

The student must also complete a written assignment demonstrating their attainment of the theatrical learning. The credit is given on a pass/fail basis. Students will register through the instructor.
The High School Learning Center
400000

40003 HIGH SCHOOL LEARNING CENTER [Grades 9-12] 0.5 Credit
The High School Learning Center offers students in grades 9 through 12 a structured learning environment where they will be able to acquire the support and skills necessary to become more successful in the classroom. The Learning Center focuses on homework help and completion. Skill work becomes embedded and customized depending on each student’s needs. Students are assisted with organization and the tracking of assignments and due dates for their classes. Students also participate in sustained silent reading. This graded, semester-long course is one half credit.

Personal Learning Opportunities
420000

42001 EXTENDED LEARNING OPPORTUNITIES [Grades 11 & 12] 0.5 credit
42002 EXTENDED LEARNING OPPORTUNITIES [Grades 11 & 12] 1.0 credit
The Coordinator of Flexible Pathways will collaborate with a student to coordinate and supervise their independent learning experience. Students will conduct an in-depth exploration of an area of interest, align that exploration to Vermont performance standards, and demonstrate their understanding of the topic through a presentation of learning.

42401 INTERNSHIP PROGRAM [Grades 11 & 12] 0.5 Credit
42402 INTERNSHIP PROGRAM [Grades 11 & 12] 1.0 Credit
This program provides authentic learning experiences in a field of study that the student may have an interest in pursuing as a career or in college. Placement at an internship site is organized by the student and coordinated with the Coordinator of Flexible Pathways. A student must have a valid driver’s license and provide their own transportation to and from their internship.

42302 OTTER VALLEY TEACHING ASSISTANT [Grades 11 & 12] 0.5 Credit
42303 OTTER VALLEY TEACHING ASSISTANT [Grades 11 & 12] 1.0 Credit
This program places students with faculty or staff as a Teacher’s Assistant (TA) in an area where the student has particular interests and abilities. Students are often given a high level of accountability and responsibility in assisting their service mentor. The service mentor may be either a faculty or staff member depending on the student’s interests.

42501 SENIOR PARTIAL DAY SCHEDULE [Grade 12 only] No Credit
If you are a senior who is assured of meeting graduation requirements by June, and if you have arranged your own work assignment, you may request permission to participate in this early dismissal program to pursue work experiences. This is a non-credit option. You must apply for permission to register for a Senior Partial Day Schedule before the beginning of the semester involved.
Careers, College, and Online Course Offerings
460000

With the passage of Act 77, Vermont juniors and seniors have the opportunity to apply for up to two vouchers to enroll in college courses at any Vermont state college/university. Students must provide their own transportation to and from the institution. Courses taken at the college through the dual enrolment program need to fulfill a graduation requirement and will be included on the student’s transcript and grade point average/class rank. If you are interested in taking college courses, discuss your plans with your guidance counselor and complete the necessary applications. In addition, there are limited spots available for juniors and seniors to audit a course at Middlebury College. Students will not receive college credit but will receive high school credit for a Middlebury College course. Please see your counselor for additional information regarding college courses.

462110  MIDDLEBURY COLLEGE       [Grades 11-12]       1.0 Credit

462210  VERMONT STATE COLLEGE/UNIVERSITY COURSE  [Grades 11-12]       1.0 Credit

463010  ONLINE/CORRESPONDENCE COURSE  [Grades 11-12]       0.5 Credit
463020  ONLINE/CORRESPONDENCE COURSE  [Grades 11-12]       1.0 Credit

In order to expand upon our academic curriculum, Otter Valley is now offering a limited number of seats in online courses through the Vermont Virtual Learning Cooperative (VT VLC). Information regarding VT VLC courses can be found at vtvlc.org or through the Coordinator of Flexible Pathways. Information regarding correspondence courses is available in Guidance.
Technical Programs
900000 & 910000

STAFFORD TECHNICAL CENTER, RUTLAND  [Grade 11 or 12]

The Stafford Center provides students from all area secondary schools the opportunity to investigate and achieve skills, knowledge and attitudes necessary for entry level performance in areas of Computers, Music, Health, Human Services, and Trade and Industrial Occupations. Bus transportation will be provided each day from Otter Valley to the Stafford Center. Students are required to use the school transportation to and from the technical center when provided. Students on cooperative placement by the Stafford Center can arrange alternative transportation with an Otter Valley administrator. The programs at the Center are designed to provide experience as required by the employment market. Laboratory work rules are the same as required on the job.

A separate course description booklet is available from your counselor or directly from the Stafford Center. The programs and types of career opportunities in each field are described in detail in the booklet provided by the Center. College preparatory courses are available for those planning to attend four-year colleges.

Individual tours of the Center are available to parents and students upon request. Any questions concerning enrollment at the Stafford Center may be addressed to the Guidance Coordinator at the Stafford Center, Rutland, VT 05701. Telephone 770-1050

Available Programs Offered at Stafford:

- Human Services
- Health Careers
- Culinary Arts
- Video Communications
- Public Safety/Criminal Justice
- Digital Arts
- Stem Academy (Science, Technology, Math)
- Automotive Technology
- Automotive Refinishing and Collision
- Power Mechanics/Welding
- Construction Technology
- Electrical/Plumbing
- Forestry/Natural Resources and Horticulture
- Cosmetology

HANNAFORD CAREER CENTER, MIDDLEBURY  [Grade 11 or 12]

Students in grades 11 and 12 are able to access limited programs at the Hannaford Career Center. These programs include: Please see your counselor for more information about Hannaford programming.

Available Programs Offered at Hannaford:

- Addison Repertory Theater
- Diesel Power Technology
- Sustainable Agriculture

NOTE: If students have fulfilled a majority of their graduation requirements, they may elect to attend Stafford or Hannaford during their senior year. We are not able to guarantee that all students wishing to attend Stafford or Hannaford for two years will have the opportunity to do so. It is highly recommended that you meet with your counselor for more information about these options.
Otter Valley Four Year Planner

The four year planner is designed to assist you with course selection to ensure that you are mapping out a yearly schedule that will incorporate all course requirements for graduation. Please meet with your counselor to discuss the best educational program to prepare you for attaining higher education. **A circled course indicates successful completion.**

**ENGLISH—5 credits needed to graduate (including 1 English elective).**
Eng 9 - Lit 10 - American St. - Lit 12/AP Lit 12

**SOCIAL STUDIES—4 credits needed to graduate.**
Global Studies - Am Hist I/Adv Am Hist 1 - AmStudies

**MATH—3 credits needed to graduate.**
Algebra I - Geometry - Alg 2 - Trig – Precal - Calc - Accounting 1 -Personal Finance –

**SCIENCE—3 credits needed to graduate.**
Geophysics - BSCS BIO - Bio Chem - Practical Chem - Vermont Wildlife(Moosalamoo)
Adv Anatomy - Physics - AP Chem - AP Bio

**PHYSICAL EDUCATION—1.5 credits needed to graduate.**
(A check mark indicates semester credit earned)
PE 1 PE 2 PE 3
PE through Zero Block PE through JV/Varsity Sports

**FAMILY AND CONSUMER SCIENCE—1 credit needed to graduate (½ credit must be in Health 9-12)**
Foods Lab - Health 9-12

**FINE ARTS—2 credits needed to graduate.**
Studio Art - Art Workshop - Printmaking - Ceramics - Adv. Studio Art
Theater 1 - Theater 2 - Technical Theater - Acting & Film 1 - Acting & Film 2 - Band - Senior Chorale
Woodworking - Music Theory Jazz Theory
Fine Arts Zero or 5th Block

**BUSINESS—1/2 credit needed to graduate.**
21st Century Computer Apps - Multimedia Design - Personal Finance - Entrepreneurship
All students beginning with the class of 2024 will need Personal Finance to graduate.

Name of Student ______________________   Signature of student ___________________________
Credits to date: __________         Counselor________________________
Credits needed to graduate:  27

______________________________  ______________________________
______________________________  ______________________________
______________________________  ______________________________