

Twin Valley Middle High School

2019/20 Course Registration Information



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TWIN VALLEY MIDDLE HIGH SCHOOL MISSION STATEMENT

“Growing innovators who will change the world.”



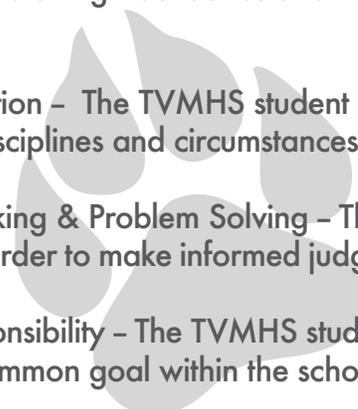
OUR DISTRICT MISSION:

We prepare students with the essential skills and experiences of innovative thinking to cultivate habits of finding new solutions for real world challenges.

Twin Valley Middle High School is guided by our core values as we ensure our students’ success to be effective communicators, critical thinkers and problem solvers, and socially responsible citizens.

Twin Valley Middle High School sets forth the following Expectations for Student Learning:

- Communication – The TVMHS student shall be able to communicate effectively across all disciplines and circumstances.
- Critical Thinking & Problem Solving – The TVMHS student shall be able to think critically in order to make informed judgments and to solve problems effectively.
- Social Responsibility – The TVMHS student shall demonstrate the ability to work toward a common goal within the school and in the larger community.



USING YOUR COURSE REGISTRATION INFORMATION

The following steps should be utilized to complete your Twin Valley Middle High School Course Registration for 2019/20:

- 1.) Review the Twin Valley Middle High School graduation requirements (page 5) to insure you are aware of those expectations. Students should be prepared to earn 7 credits per year over four years to meet those requirements.
- 2.) Be familiar with what courses postsecondary schools are interested in seeing from their candidates for admission. Decisions you make today can have benefits or repercussions in the future.
- 3.) Course Registration forms can be found at the back of this booklet. Take the appropriate form (grade 9/page 31; grades 10, 11, 12/page 32), depending on which grade you are entering, and begin by:
 - a.) Entering your name and grade.
 - b.) Writing the names and credits of the core subjects (English, Math, Social Studies, Science & Foreign Languages) you intend to take in the spaces provided.
 - c.) Searching through the course descriptions for elective courses you'd like to take during 2018/19.
 - d.) Listing those elective courses in order of preference along with the associated credit.
 - e.) Choosing some additional electives & credits in case you cannot be scheduled in your preferred classes.
 - f.) Signing the Course Registration form (both you and your parents!)
 - g.) For students entering grades 9-12: Return the completed & signed form to Denise Piffard in the guidance office at TVMHS by Friday, March 1, 2019.

TWIN VALLEY MIDDLE HIGH SCHOOL GRADUATION REQUIREMENTS

| Area of Study | Credits Required |
|---|------------------|
| English | 4.00 |
| Social Studies (World History, American Studies 1 & 2) | 3.00 |
| Mathematics | 3.00 |
| Science (Earth/Space Sci, Biological Sci, & Phys Sci or Chem/Physics) | 3.00 |
| Health | 1.00 |
| Physical Education | 1.75 |
| Fine Arts | 1.00 |
| Industrial Technology and/or Family Consumer Science | .50 |
| Electives | + 9.75 |
| TOTAL CREDITS: | 27.00 |
| TOTAL SERVICE LEARNING HOURS: | 40 Hrs. |
| (or 10 hours for each year attending TVMHS) | |

COURSES RECOMMENDED FOR COLLEGE ENTRY

Note: All students must meet Twin Valley Middle High School graduation requirements. Students and parents should study the colleges that their children are interested in and be sure they are taking the required high school courses.

FOUR YEAR COLLEGE - LIBERAL ARTS

| | | | |
|-------------------------------|-------------------|----------------|---------|
| English | 4 Years | Social Studies | 3 Years |
| Mathematics | 4 Years | Science | 3 Years |
| Foreign Languages | 3 Years (minimum) | Fine Arts | 1 Year |
| College Preparatory Electives | | | |

FOUR YEAR COLLEGE - ENGINEERING

| | | | |
|----------------------------------|-----------|---|---------|
| English | 4 Years | Social Studies | 3 Years |
| Mathematics (including Calculus) | 4 Years | Science (including Chemistry & Physics) | 4 Years |
| Foreign Language | 2-3 Years | Fine Arts | 1 Year |
| College Preparatory Electives | | | |

TWO YEAR COLLEGE - JUNIOR COLLEGE OR COMMUNITY COLLEGE

| | | | |
|------------------|---------|----------------|---------|
| English | 4 Years | Social Studies | 3 Years |
| Mathematics | 3 Years | Science | 3 Years |
| Foreign Language | 2 Years | Fine Arts | 1 Year |

TWO YEAR COLLEGE - TECHNICAL SCHOOL

| | | | |
|-------------------------------|-----------|---|-----------|
| English | 4 Years | Social Studies | 3 Years |
| Mathematics | 3-4 Years | Science (including Chemistry & Physics) | 3/4 Years |
| College Preparatory Electives | | | |

ENGLISH & ENGLISH ELECTIVES

ENGLISH 9

Christine Kurucz
1 Credit

This course is the required English 9 class. Units are designed to ensure students are proficient in reading, writing and language skills. There will be a focus on expository and literary response writing as we explore various genres of literature. Our literature study may include short stories, mythology, contemporary fiction, or Shakespeare while incorporating nonfiction articles to make connections and teach various approaches to writing. Writing assignments emphasize basic grammar / mechanics, well-developed paragraphs, and essay organization. Vocabulary and grammar units may be self-paced throughout the semester. Due to the nature of proficiency-based learning, students will be expected to work independently and develop positive and productive habits of mind in their approach to their learning.

ENGLISH 10

Christine Kurucz
1 Credit

English 10 is a genre study with an emphasis on world literature that will focus on cultural context, literary devices, and literary techniques. Writing skills continue as an integral part of this course with both thesis and theme writing as we develop argument and literary responses to our reading. Grammar will emphasize sentence construction, and vocabulary will integrate an approach to the SAT's. Due to the nature of proficiency-based learning, students will be expected to work independently and develop positive habits of mind in their approach to their learning.

HONORS ENGLISH 10 SEMINAR

Teacher TBA
1 Credit (Level 1)

This seminar will focus on world literature in its cultural context. Emphasis will be placed on in-depth analysis, application of literary terminology, and critical paper writing. Vocabulary study utilizes the SAT format. Students electing this course should be able to work well independently. A letter of request and intent, as well as teacher recommendation, will be necessary for enrollment. Summer reading will be required.

ENGLISH 11

Dan Mehegan
1 Credit

The American literary tradition, studied from both thematic and historical perspectives, is the scope of junior English. Students will learn to think and write critically as they interact with a variety of texts. Various forms of written expression, with an emphasis on the writing process, will be stressed. Vocabulary, drawn from the texts, will also be studied.

HONORS ENGLISH 11

Teacher TBA
1 Credit (Level 1)

Students enrolled in this course must have the recommendation of their sophomore English teacher and will be required to complete summer reading assignments. This course is designed for students who have demonstrated success and proficiency in language arts and who want to be challenged. At the foundation of this course is the American literary tradition, and students will learn to think and write critically as they interact with a variety of texts and make thematic connections between them. Various forms of written expression, which emphasize improvement in writing clarity and effectiveness, will be the focus.

SENIOR ENGLISH

Dan Mehegan
1 Credit

This course features British literature at the core of the curriculum from Beowulf, thru Shakespeare, and onto postmodern writers like George Orwell. The class will be working as a team to interpret and analyze these texts. The course will focus on comprehending complex texts, writing, and research. Vocabulary will be taken directly from the texts we are reading to aide in comprehension.

COLLEGE COMPOSITION

Dan Mehegan
1 Credit (Level 1, Vermont Tech College dual enrollment)

This is a dual enrollment class, which means students will receive both a high school English credit as well as a college English credit if accepted by a student's future college. This class is writing intensive and will be at the college level. Students will learn strategies for organizing, evaluating, and revising their work through extensive reading of a variety of essay styles and literary texts. Students will then apply writing and research techniques to their papers to demonstrate proficiency. This is an opportunity to refine critical reading and writing skills. Students will construct complex essays to enhance their writing skills, and experiment with a greater variety of strategies to interest, inform, and persuade.

CONFLICTS & CURIOSITIES

Christine Kurucz
.50 Credits

A new literature course where we will read about some long-standing conflicts (The Wave) as well as some curious characters (The Curious Incident of the Dog in the Night-time). Students can choose books to read and explore as a class (or as individuals) with some guided reading activities and self-selected projects based on needed proficiencies. This class will require some independent reading.

CONTEMPORARY LITERATURE

Christine Kurucz
.50 Credits

This course is for students who love to read. Books will focus on those published after 1980 and on those with a theme relatable to teenagers. The class can determine what books we want to read. Students will be expected to read independently, to come to class ready to participate in discussions, and to present information in a variety of creative modalities.

CREATIVE WRITING

Dan Mehegan
.50 Credits

This course will be centered on students discovering their own, creative voices through writing a wide variety of fiction with a heavy emphasis on originality. Short works of fiction will be studied as exemplars of techniques in writing. Students will focus on perfecting their own pieces for possible publication as well as their portfolios. Experience is not required, though a creative and open mind is.

FEMINIST LITERATURE

Dan Mehegan
.50 Credits

This course will explore the first, second, third, and fourth waves of feminism and feminist writings in a wide range of genres: fiction, non-fiction, poetry, and essays. The focus of this course is to utilize the writings of feminists of the past and present to create your own views about the world today. Open to anyone, of any gender, this course requires an open and independent mind to explore paths to social equity and empowerment.

PRO-BL!

Dan Mehegan
.50 Credits

This course is an experiment! A project-based learning experience, students will independently plan, produce, and present an endeavor of their own design to fulfill any remaining proficiencies they need to graduate. The only limits for this project are time and the student's own imagination. This will be the epitome of student voice and choice.

SAT VERBAL PREPARATION

Christine Kurucz
.50 Credits

Are you ready for those dreaded SAT's? It's better to go into the test knowing the format and types of questions asked. We will look at sample tests to examine how to approach the different types of questions asked on the SAT's. We will work on how to write essays quickly and effectively. While there is no promise of a perfect SAT score, knowing what you need to do will help make the test a little easier. *Please note, there will be a \$30-\$40 book fee for this course.

TRAVEL THE MISSISSIPPI

Christine Kurucz
.50 Credits

Mark Twain, one of the great American writers used the Mississippi River to ground most of his works. This course will explore Twain's beliefs as we read *The Adventures of Huckleberry Finn*, an American classic all high school students should read. This quarter class will focus on Huck's coming-of-age journey down the Mississippi as he discovers the evils of society. Enter this class knowing that there will be some independent reading.

THE WRITE STUFF

Christine Kurucz
.50 Credits

Learn how to approach a variety of different essay styles – descriptive, persuasive, compare/contrast, and more. This course will help set you up so that you can write confidently for both high school and college tasks. In addition, you'll learn the value of peer editing in the writing process. While a majority of the writing will be done in class, you need to be prepared for the daily task.

WHY WE FIGHT

Jessica Fisher & Christine Kurucz
.50 Credits

This course examines the Second World War through both history and literature. We'll be looking at writing pieces that cover a range of perspectives on the war: from soldiers on the front lines, to families left behind on the homefront, Holocaust survivors, survivors of the American internment camps, and Nazis. We will also be putting these writings into the historical context of the war itself - the battles on the front lines, the advancements in technology, the social tensions that developed on the home fronts, as societies engaged in total warfare. This course will require students to prepare for class by reading independently.



MATHEMATICS & MATHEMATICS ELECTIVES

Twin Valley Middle High School and the district is in transition, working towards implementing the Common Core State Standards. The Common Core set of standards are on track to become the national standards.

Courses are designed to ensure that they will effectively and appropriately teach both fundamental and advanced skills in Algebra, Geometry, Trigonometry, Probability and other key elements of Mathematics. Courses cover content that will prepare students for the current SBAC test, the SAT test, and will ensure students success on the new Smarter Balanced assessment.

Courses have an integrated approach rather than a traditional Algebra 1, Geometry, Algebra 2 layout. Content is interlaced over the courses of Math 1, Math 2, Math 3 and Math 4. The course that an incoming student will enter should depend on the student's strengths and needs. Each of the courses is a full credit course.

INTRO TO MATHEMATICS

Yolanda D'Alessio
1 Credit

The class provide students with an opportunity to build on the skills practiced in middle school to a proficient level. Topics include: Rational Numbers, Radicals, Linear Equations, Functions, Pythagorean Theorem, Volume, Congruence and Similarity.

MATH 1

Yolanda D'Alessio
1 Credit

The class begins addressing the high school proficiencies for graduation. Performance indicators include: structure of expressions, equations and inequalities in one variable, concept of a function, represent equations graphically, rewrite rational expressions.

MATH 2

Yolanda D'Alessio
1 Credit

The class continues addressing the high school proficiencies for graduation. Performance indicators include: geometric theorems, similarity, construction, transformations, congruence, arc length and sectors of circles, right triangles, volume.

MATH 3

Jessica Horton
1 Credit

This is the third course of the four-course program. It focuses on advanced knowledge/skills in Algebra. Topics include: Expressions, Equations, Inequalities, Functions, Quadratics, Polynomials, Radical Expressions, Complex Numbers, Rational Expressions, and Logarithms.

MATH 4

Jessica Horton
1 Credit

This is the fourth course of the four-course program. It focuses on advanced knowledge/skills in Algebra and Trigonometry. Topics include: Systems, Matrices, Linear Programming, Quadratics, Conic Sections, Combinatorics, Probability, Statistics, and Trigonometric Functions and their Graphs.

PRE-CALCULUS

Jessica Horton
1 Credit

Prerequisite: Successful completion of Math 4 and instructor's recommendation. This class will provide students with the opportunity to build skill, speed, and understanding that are important fundamental skills in Calculus. Topics include: Trigonometric Identities, Vectors, Parametric Equations, Polar Coordinates, Exponential Functions, Logarithmic Functions, Sequences, Series, and an introduction to Calculus.

CALCULUS FOR ENGINEERS

Jessica Horton
2 Credits (Level 1, Vermont Tech College dual enrollment)

Prerequisite: Successful completion of Pre-Calculus and instructor permission
This is a college-level calculus course designed to meet the Advanced Placement curricular requirements for Calculus AB. The major topics of this course are limits and continuity, derivatives, integrals, and the Fundamental Theorem of Calculus. We will investigate and analyze course topics using equations, graphs, tables, and words, with a particular emphasis on a conceptual understanding of calculus.

SAT MATH PREPARATION

Jessica Horton
.50 Credits

Prerequisite: Successful completion of Math 3
This course will review the basic concepts of mathematics and practice test-taking skills to help prepare students for the mathematics portion of the SAT. Each student will be responsible for purchasing the Kaplan SAT Prep Plus book, see Mrs. Horton for text information. Topics include: Linear Algebra, Rates, Statistics, Probability, Polynomials, Functions, Geometry, Imaginary Numbers, and Trigonometry.

SCIENCE & SCIENCE ELECTIVES

EARTH/SPACE SCIENCE

Robert Wolf
1 Credit

Entering freshmen will study aspects of the Earth's surface and interior which includes: plate tectonics, mineral and rock formation, mountain building, volcanic and earthquake activity related to plate movement, formation of glaciers and deserts, and the chronology of geologic history. Students will also investigate topics in oceanography and astronomy which includes: ocean currents, the seafloor, biological productivity and life forms, origins of astronomy, the solar system and other galaxies, properties of stars and other celestial bodies, and astronomical measurement. This is a lab and inquiry based class with approximately 1/2 to 3/4 hours of homework per class.

BIOLOGY

Sarah Grant
1 Credit

The Biological Science course will provide students with an overview of the field of modern biology. The scope of concepts will include: molecular biology, cell structure and function, the flow of energy and matter through life systems, reproduction, heredity, evolution and ecology. This course is designed to assist students in the mastery of basic knowledge that they will need in order to become responsible and productive citizens in the 21st century. This class will require up to 1/2 hour of homework per class and students will be expected to engage productively in group work, hands-on activities, and independent research.

HONORS BIOLOGY

Sarah Grant
1 Credit (Level 1)

Prerequisite: teacher recommendation

Honors Biology is designed to provide a foundation of knowledge for students who plan to go on to higher education. While covering the same conceptual framework as the Biological Science course, Honors Biology will provide a greater depth of knowledge in the areas of biochemistry, genetics, the mechanisms of evolution and the field of ecology. Students will engage more frequently in independent inquiry activities and there will be a greater emphasis on independent reading, written expression, investigation of contemporary issues and fieldwork. This course will require up to one hour of homework per class with the expectation that students are self-motivated and committed to their own learning.

AP BIOLOGY

Sarah Grant
2 Credits (Level 1, Vermont Tech College dual enrollment)

Prerequisites: successful completion of Honors Biology and Chemistry, and permission of instructor

This is an advanced class that covers the content of a college level introductory biology class. Students should be motivated and self-directed. This course will go in much greater depth than Honors Biology, and draw on an understanding of Chemistry to understand cellular processes. We will cover a great deal of content, and do in-depth, independent lab work. Students should be prepared to complete regular independent reading and other homework, at least 1 hour per class.

PHYSICAL SCIENCE

Robert Wolf
1 Credit

Physical Science is a laboratory science course that explores the relationship between matter and energy. Students investigate physical science concepts through an inquiry-based approach. Embedded standards for Inquiry, Technology and Mathematics are taught in the context of the standards for Energy, Matter, Motion and Forces.

CHEMISTRY

Robert Wolf
1 Credit

Units will include Metrics, Dimensional Analysis, Atomic structure, Chemical Formulas, Equations, Stoichiometry, etc. There will be about fifteen units covered in one semester including laboratory experiments and detailed written lab reports. Lab safety is a key component. This is a college preparatory class with note taking, mathematical calculations and computer research.

PHYSICS

Robert Wolf
1 Credit

Prerequisite: Math 4

This class will focus on the application of Newton's Laws with relation to moving objects. Calculations and applications for Speed, Time, Velocity, Acceleration, Free Falling Objects, Centripetal/Centrifugal Force and Projectile Motion with activities to support these concepts. Other units will include Magnetism, Heat and Electricity. Students will also incorporate engineering principles building and testing models to further support some units.

ADVANCED PHYSICS

Robert Wolf
1 Credits

This course is for seniors that wish to be academically challenged. It requires higher level thinking skills and the ability to work complex problems using advanced mathematical skills. Topics will include mechanics, thermodynamics, light and optics, electricity, magnetism, relativity, and quantum theory. Laboratory experiments will be conducted regularly and problem solving will be routine. Students will be expected to devote approximately 3/4 hour to an hour of homework per class.

ADVANCED GENETICS

Sarah Grant
.50 Credits

Prerequisites: Honors Biology or Biology

This class will look at genetics in more depth. We will read current scientific literature on how genes become traits. The content is challenging, but by the end you will have a deeper understanding of how DNA works. We will do more advanced labs, performing the first steps of genetic engineering and dna fingerprinting, and hopefully travel to more advanced labs to see more advanced techniques.

ANATOMY & PHYSIOLOGY

Sarah Grant

1 Credit (Level 1, Vermont Tech College dual enrollment)

Prerequisites: Biology and Chemistry

This course will cover the major organ systems in vertebrates and how they interact. We will explore topics such as homeostasis, biochemistry, and different anatomical and physiological disorders. This is a great introduction to the human body for students planning on entering the medical field, or any student curious in a more in-depth exploration of the human body. There is a lab component, including dissection (virtual versions are available). This class will be rigorous, with a great deal of vocabulary to be learned. Students will be expected to spend a significant amount of time daily on reading and memorization.

ASTRONOMY

Robert Wolf

.50 Credits

This course will build on the content and depth of knowledge started in Earth/Space Science. It will emphasize current discoveries and the future direction of Space Science and the U.S. / World Space Program. Recommended previous courses: Earth/Space Science, Biological Science.

THE BRAIN

Sarah Grant

.50 Credits

Prerequisites: Health and Biology

In this class we will learn about the anatomy and biochemistry of the human brain. We will learn about the latest research into how the brain functions, different brain disorders and mental illness, the function of different neurotransmitters, and how treatments work. We can explore what happens in altered states of consciousness such as dreaming, hypnosis, meditation and near death experiences. This course will rely mainly on online text and books and there will be opportunity to do in depth research into a topic of your choice.

FOREST ECOLOGY

Sarah Grant

.50 Credits

In this class, students will learn about the ecology of our local environment. First, we will familiarize ourselves with the trees and other species in our school forest, and then students will conduct field experiments that they design. We will cover the role of different interactions between species, disturbances, and nutrient cycling and soils. We will be spending a significant amount of time outside doing independent research. Recommended Prerequisites: Earth Science and Biological Science.

HORTICULTURE/GARDENING 101

Sarah Grant

1 Credit (Level 1, Vermont Tech College dual enrollment)

Recommended previous courses: Earth/Space Science, Biology. Horticulture is the study of raising plants. In this class you will learn the basics of raising ornamental and food plants. Topics

include soils, plant classification; plant structures; plant physiology and development; plant environments; plant propagation; harvesting and post-harvest preservation; and crop improvement. You will come away with a basis for raising your own garden, and 3 college credits.

HUMAN GROWTH & DEVELOPMENT

Sarah Grant

.50 Credits

From fertilization through the first 5 years of life, this class will cover the development of organs, movement, intellect and emotion. We will learn about the stages of development of a fetus and different disorders, types of birth and complications. We will look at the current research on development in the first five years: developing motor skills, morals, and intellectual abilities. We will also compare child rearing techniques around the world. This class will require a fair amount of reading, and students should have completed Health and Biology or Honors Biology successfully.

OUTDOOR SKILLS

Robert Wolf

.50 Credits

This class will focus on skills devoted to the great outdoors. It will include identification and collection of edible and medicinal plants, identification of some poisonous plants in the area, and orienteering using topographic maps, compasses and GPSs. We will also have sections on cooking fish and game with favorite recipes from students, and predicting weather without high tech instruments. Lastly, we will discuss and try to implement outdoor survival skills. This is a hands-on class and participation is required. Students will be graded on participation, enthusiasm and completion of tasks. This class is limited to 10 students.

SALMONID BIOLOGY & ENTOMOLOGY

Robert Wolf

1 Credit

The objective of this course is to introduce students to the world of fly-fishing and its many aspects of intrigue: the science, the skill, and the adventure. This will be accomplished by introducing students to trout biology, entomology, fly-tying and fly-fishing. In the beginning, time will be devoted to classroom study and unfold later into hands-on fly-tying and fishing. During the late spring and early summer, students will put their knowledge and skill into practice when they investigate a trout stream for insect life and try their hand at fly-fishing.

ZOOLOGY & ANIMAL BEHAVIOR

Sarah Grant

.50 Credits

Prerequisites: Biology

In this class you'll learn about the major different types of animals: their classification, anatomy, physiology, and behaviors. We will be looking at these topics in terms of their evolutionary benefits. This is a hands on class, and students will be expected to independently complete projects and labs including dissections (virtual versions are available).

SOCIAL STUDIES & SOCIAL STUDIES ELECTIVES

WORLD HISTORY

Susan Sopper
1 Credit

World History generally covers topics between the Middle Ages and the 20th Century in a sequential approach. In this introductory class, students learn basic skills for approaching non-narrative text, primary and secondary sources, and develop the academic language necessary to read and write history at the high-school level. Students are encouraged to come in to class with their own ideas of what and how they wish to learn. All special interests, abilities, and curiosities are accommodated and nurtured. Students will be encouraged to develop independence and their own voice.

AMERICAN STUDIES 1

Jessica Fisher
1 Credit

American Studies 1 provides a survey of American History from the American Revolution to the end of the Reconstruction period in 1877. Students will spend significant amounts of time in this course developing core skills of the humanities: how to analyze written source material, how to give an oral presentation, how to write an argument, and how to structure and complete a research project.

AMERICAN STUDIES 2

Jessica Fisher
1 Credit

American Studies 2 provides a survey of American History from the end of Reconstruction in 1877 to the present. We will focus our attention on the "American Century" of 1900-2000. This class puts an increasing amount of emphasis on American culture and its role in shaping society and politics. We will continue to hone those skills that we began developing in American Studies 1 and add a more in-depth look at how to analyze court cases - often the site of cultural battles in American society.

AP EUROPEAN HISTORY/ EUROPEAN HISTORY

Jessica Fisher
1 Credit (Level 1)

This course looks at the broad sweep of European History from the Renaissance to the present. We will consider political, social, economic, religious, and cultural history. Students who are taking this course as an AP elective should be prepared to do a considerable amount of reading and writing outside of class as we will go further in-depth with topics. Students who are interested in European history but not trying for the AP credit should be prepared to work independently on a series of short-term projects.

AP PSYCHOLOGY/PSYCHOLOGY

Jessica Fisher
1 Credit

This semester long course provides a basic intro into psychology, the study of behavior and mental processes. We will look at some of the major subdisciplines of psychology including: emotions, motivation, psychological disorders, social identities, interpersonal interactions, and group and cultural processes. AP students

will go further in-depth with topics, preparing for the AP exam in May. Students who are interested in psychology but not interested in an AP version will learn the material and design and conduct their own psychological study as a research project.

HUMAN GEOGRAPHY: AFRICA

Susan Sopper
.50 Credits

This course will involve a special focus on the ancient roots of civilization, the languages, religions, music and arts of the continent. An essential question throughout the course is the interplay between Africa and the West and how those interactions have influenced and shaped us all. The course can be taken either for general interest or for Honors credit.



HUMAN GEOGRAPHY: ASIA

Susan Sopper
.50 Credits

This course will involve a special focus on the tastes, foods, and culture of Asia. Through cooking, tasting, maps, movies, news, and games you will learn a lot more about Asia than you ever thought possible. You will develop an appreciation for what is going on in Asia today. You will gain a sensitivity for the impact of humans on their environment and the impact of the environment on humans. The course can be taken either for general interest or for Honors credit.

MYTHOLOGIES

Susan Sopper
.50 Credits

In this course we will be studying mythologies from around the world. Part history, part literature, part philosophy study, this class offers a chance to explore a wide variety of themes. We will use a comparative framework in our study of mythologies to illuminate some of the key ideas that appear across continents and cultures as well as to highlight those elements of each mythology that are distinctive to a culture. Class lectures and discussions will focus primarily around Celtic, Norse, Egyptian, and Chinese mythologies but students can choose to do their individual projects on any world mythology!

PHILOSOPHY

Susan Sopper
.50 Credits

What is the purpose of philosophy? How is it different than religion? Why have humans throughout time and in all places developed these systems? Philosophy is the study of knowledge, meaning, mind and existence. We will start with the Ancient Greeks and spread across the world and time allowing considerable flexibility to follow student interest. This course will assume no prior knowledge on the part of the students; only a willingness to explore these questions.

SPECIAL TOPICS IN WORLD STUDIES

Susan Sopper
.50 Credits

This is a class about controversial issues in the news studied and discussed with civility and with the greater goal of understanding the narratives of others. The specific issues covered will be determined by student interest. Students wishing to improve vocabulary and writing skills will have the opportunity to do so. Students may opt to demonstrate their learning through debate, community involvement or project-based product.

WORLD HISTORY II: MEDIEVAL & RENAISSANCE

Susan Sopper
.50 Credits

Knights, kings, queens, poets and priests, plague and revolt; how much of what you learned on Assassins' Creed is really true? Can be taken with or without homework, depending on how many proficiencies you want or need. As the course moves into the Renaissance, there will be considerable latitude to develop special projects involving art, drama, and literature. The opportunities for collaboration with teachers in other disciplines such as (but not limited to) art and English are especially exciting.

WHY WE FIGHT

Jessica Fisher & Christine Kurucz
.50 Credits

This course examines the Second World War through both history and literature. We'll be looking at writing pieces that cover a range of perspectives on the war: from soldiers on the front lines, to families left behind on the homefront, Holocaust survivors, survivors of the American internment camps, and Nazis. We will also be putting these writings into the historical context of the war itself - the battles on the front lines, the advancements in technology, the social tensions that developed on the home fronts, as societies engaged in total warfare. This course will require students to prepare for class by reading independently.



WORLD LANGUAGE

FRENCH 1

Jobi Dan'sy
1 Credit

Students will acquire vocabulary and grammar structures to enable them to comprehend and produce basic French. Emphasis during the first half of the course is on listening and reading comprehension. Students will read and listen to a variety of materials to meet this goal. Speaking and writing are evolving skills and will be encouraged, over time, through a variety of activities: storytelling, recounting activities, describing pictures and videos, and discussing readings and cultural topics. The focus throughout the course is on meaning rather than form, so the students can understand what they hear or read and can make themselves understood verbally and in writing.

FRENCH 2

Jobi Dan'sy
1 Credit

Prerequisite: French 1 or equivalent

Students will continue to learn to communicate and to express themselves on many aspects of daily life: meeting people, inviting friends, going out together, making food, ordering food, and making plans for the weekend. Students will be able to describe past events and talk about plans for the future. Since French is an international language, students will learn about French-speaking countries and famous French people. Music, videos, readings and journals will provide opportunities to get practice in reading, writing, listening and speaking.

FRENCH 3

Jobi Dan'Sy
1 Credit (Level 1)

Prerequisite: French 2 or equivalent

This course emphasizes the use of French as much as possible. Students will push their listening and reading comprehension skills to a higher level and be able to speak and write in the past, present, and future. These skills will be practiced through a variety of activities: storytelling, recounting activities, describing pictures and videos, and discussing readings and cultural topics. Students will be able to function appropriately in a variety of situations they might encounter while traveling abroad and interacting with native speakers. Students will also complete a study of French history from prehistoric times to 1815.

ADVANCED FRENCH (2 year course)

Jobi Dan'sy
1 Credit (Level 1)

Prerequisite: French 3 or equivalent

Students will use French to expand their skills and communicate about a wide variety of subjects such as: technology, the environment, city life, the media, natural resources and society. Current short films and cultural readings will provide for the incorporation of the basic skills of reading, writing, listening and speaking. The history of France and a literary work will be offered and varied to provide for a two-year sequence. Music, videos, and celebrations of local customs will help students connect with the French-speaking world.

SPANISH 1

Jordan Hill
1 Credit

Students will acquire vocabulary and grammar structures to enable them to comprehend and produce basic Spanish. Emphasis during the first half of the course is on listening and reading comprehension. Students will read and listen to a variety of materials to meet this goal. Speaking and writing are evolving skills and will be encouraged, over time, through a variety of activities: storytelling, recounting activities, describing pictures and videos, and discussing readings and cultural topics. The focus throughout the course is on meaning rather than form, so the students can understand what they hear or read and can make themselves understood verbally and in writing.

SPANISH 2

Jordan Hill
1 Credit

Prerequisite: Spanish 1 or equivalent

Students will continue to learn to communicate and express themselves on many aspects of daily life: in team activities, when faced with a minor illness, during summer and winter sports, attending cultural events and traveling. Students will be able to describe past events and talk about plans for the future. Since Spanish is an international language, students will have opportunities to read, write, listen and speak the language through music, videos, readings and journals.

SPANISH 3

Jordan Hill
1 Credit (Level 1)

Prerequisite: Spanish 2 or equivalent

This course emphasizes the use of Spanish as much as possible. Students will push their listening and reading comprehension skills to a higher level and be able to speak and write in the past, present, and future. These skills will be practiced through a variety of activities: storytelling, recounting activities, describing pictures and videos, and discussing readings and cultural topics. Students will be able to function appropriately in a variety of situations they might encounter while traveling abroad and interacting with native speakers. Students will also complete a study of Spanish history from prehistoric times to the 1800's.

ADVANCED SPANISH (2 year course)

Jordan Hill
1 Credit (Level 1)

Prerequisite: Spanish 3

Students will use Spanish to expand their skills and communicate about a wide variety of subjects such as: daily life, health and well-being, travel, nature, technology and the economy. Current short films and cultural readings will provide for the incorporation of the basic skills of reading, writing, listening and speaking. The history of Spain and a literary work will be offered and varied to provide for a two-year sequence. Music, videos and celebrations of local customs will help students connect with the Spanish-speaking world.

AP FRENCH

Jobi Dan'sy
1 Credit (Level 1)

The AP French Language and Culture course engages students entirely in French in an exploration of culture in both contemporary and historical contexts. The course develops students' awareness and appreciation of cultural products, practices, and perspectives. At the core of the AP French Language and Culture course are six groups of learning objectives identifying what students should know and be able to do across the three modes of communication. These objectives outline expectations of student abilities in the following areas:

1. Spoken Interpersonal Communication
2. Written Interpersonal Communication
3. Audio, Visual, and Audiovisual Interpretive Communication
Written
4. Print Interpretive Communication
5. Spoken Presentational Communication
6. Written Presentational Communication

AP SPANISH

Jordan Hill
1 Credit (Level 1)

The AP Spanish Language and Culture course engages students entirely in Spanish in an exploration of culture in both contemporary and historical contexts. The course develops students' awareness and appreciation of cultural products, practices, and perspectives. At the core of the AP Spanish Language and Culture course are six groups of learning objectives identifying what students should know and be able to do across the three modes of communication. These objectives outline expectations of student abilities in the following areas:

1. Spoken Interpersonal Communication
2. Written Interpersonal Communication
3. Audio, Visual, and Audiovisual Interpretive Communication
Written
4. Print Interpretive Communication
5. Spoken Presentational Communication
6. Written Presentational Communication



VIRTUAL HIGH SCHOOL

www.govhs.org

What is VHS?

Virtual High School is a consortium of trained high school teachers from high schools all over the United States. By belonging to the VHS consortium of schools, Twin Valley has teachers trained by VHS to teach an online class for them. Twin Valley Middle High School students can take any of the 200 core, elective, AP and Pre-AP courses offered by other trained VHS teachers in a totally online format.

Here's what some students say about VHS:

"VHS helped me further my education greatly. Not only were they some of my favorite classes in high school, they aided in my choice of a career path." ... "VHS allowed me to take classes that my high school did not offer. As a result, I feel that it was one of the reasons I got into my first-choice college." ... "Most colleges look for independent study and VHS is a great example of this. VHS allows you to work independently and learn how to manage your time before you get to college." - VHS Alumni

"It is incredible how much one person can learn from one simple Internet course. We spoke to many people from many different countries. We learned different cultures and how to value other ways of living. It gives us all a great sense of the world. We also improved our writing skills in many ways." - VHS student in Writing & Telecommunications

How can you learn more?

You are strongly urged to go to www.govhs.org and check out the website. Talk to Ms. Piffard, VHS Site Coordinator and Guidance Director. Look at the full catalog online to see what courses are offered.

Class sizes are limited to 25, and there is an emphasis on interaction between teachers and students. Activities are student-centered and discussion and group activities are a part of each VHS course. Virtual High School classes take place entirely over the Internet. There is no need for special software or hardware. Anywhere you have access to the Internet you can take a VHS class. Students can post work to their class anytime, day or night. VHS classes are offered in a scheduled asynchronous mode, which means that classes follow a semester schedule and assignments are due at specified weekly intervals. However, students can complete their work at anytime during the week, as long as work is posted by specified due dates.*

*From the VHS website

Would you be a good candidate for Virtual High School?

Does this sound like you? If so, VHS is for you:

- I am ultimately responsible for my own learning.
- I take pride in my ability to motivate myself.
- I enjoy solving problems on my own.
- I plan ahead and stay organized.
- I have strong writing skills.
- I'm very interested in taking a Virtual High School course.
- I usually complete assignments thoroughly and on time.
- I can devote as much time to an online class as at least my most demanding face to face class, or more.
- I am comfortable with electronic mail, web browsing, and word-processing.



Virtual High School Course Offerings 2019/2020

ADVANCED PLACEMENT COURSES

AP Art History
AP Biology
AP Calculus AB
AP Calculus BC
AP Chemistry
AP Computer Science
AP Economics
AP English Language & Composition
AP English Literature & Composition
AP Environmental Science
AP European History
AP French Language & Culture
AP Human Geography
AP Music Theory
AP Physics 1, C
AP Psychology
AP Spanish Language & Culture
AP Statistics
AP US History
AP World History

ARTS

American Popular Music
AP Art History
AP Music Theory
Art History
Creating Art History
History of Photography
Music Listening & Critique
Music: Fundamentals of Composition

BUSINESS

Business & Personal Law
Business Math
Entrepreneurship
International Business
Investing in the Stock Market
Marketing and the Internet
Personal Finance

ENGINEERING

Sustainable Engineering
Engineering Principles

WORLD LANGUAGE

American Sign Language
AP French Language & Culture
AP Spanish Language & Culture
French Language & Culture
German Language & Culture
Italian Language & Culture

Latin 1
Latin 2
Mandarin Chinese Language & Culture
Portuguese 1
Russian Language & Culture
Spanish Culture & 20th Century Hispanic Literature
Spanish 1
Spanish 2
Spanish 3

LANGUAGE ARTS

101 Ways to Write a Short Story
Academic Writing
AP English Language & Composition
AP English Literature & Composition
Creative Writing
English 9, 10, 11, 12
Essay Writing
Fantasy & Science Fiction Short Stories
Film and Literature
Folklore & Literature of Myth, Magic & Ritual
Ghoulies, Ghosties, & Long-Legged Beas-ties
Horror Writers
Journalism in the Digital Age
Literature of the World
Mythology
Poetry Writing
Screenwriting Fundamentals
Shakespeare in Film
To Kill a Mockingbird
Twentieth Century Women Authors
Young Adult Literature

LIFE SKILLS/HEALTH

Employability Skills
Health
Kindergarten Apprentice Teacher
Now What Will You Do?
Parenting in the 21st Century
Physical Education: Personal Fitness
Preparing for College

MATHEMATICS

Algebra 1
Algebra 2
AP Calculus AB
AP Calculus BC
AP Statistics
Differential Calculus
Essential Math for College & Careers

Geometry
Math & Modern Logic
Mathematics of Electricity
Number Theory
Pre-Calculus 1: Advanced Trigonometry
Pre-Calculus 2: Functions
Statistics Honors

SCIENCE

Anatomy & Physiology
Animal Behavior & Zoology
AP Biology
AP Chemistry
AP Environmental Science
AP Physics 1, C
Astronomy Principles
Biochemistry
Bioethics
Biology
Biotechnology
Chemistry
Climate Science
Earth & Space Science Systems
Environmental Science
Epidemics
Forensic Science
Genes & Disease
Meteorology
Nuclear Science
Oceanography
Physics Mechanics
Preveterinary Medicine
Science from SPace
The Human Body

SOCIAL STUDIES

AP Economics
AP European History
AP Human Geography
AP Psychology
AP US History
AP World History
Constitutional Law
Contemporary Issues in American Law & Justice
Criminology
Economics
Modern Middle East
Peacemaking
Philosophy 1
Practical Law
Psychology Honors
Psychology 1
Psychology of Crime



Virtual High School Course Offerings 2019/2020

SOCIAL STUDIES (continued)

Sociology
Sports & Society
The Glory of Ancient Rome
The Holocaust
US Government
US History: 1754-1877
US History: 1877-Present
Who Do I Want To Be When I Grow Up?
World Conflict: A United Nations Intro
World History: 1450-Present
World History: Pre-history-1500
World Religions

COMPUTER SCIENCE & TECHNOLOGY

AP Computer Science A
AP Computer Science Principles
CAD
Creative Programming with Scratch
Intro to Computer Science Principles
Java Fundamentals for Science & Engineering
Java Programming
Programming in Visual Basic
Video Game Design
Web Design

MIDDLE SCHOOL LEVEL

MS Business Foundations
MS Creative Writing
MS Engineering
MS Number Theory
MS Pre-Algebra
MS Science from Space
MS The Teenage Brain
MS World War II Through the Eyes of Dr. Seuss

SUMMER OFFERINGS

Algebra 1
Algebra 2
Biology
CAD Part 1
CAD Part 2
Chemistry
Criminology
Cryptography: Math Behind Secret Messages
Digital Photography
English 12
English 11
English 10
English 9
English Literacy Skills: Short Stories
English Literacy Skills: The Novel
Geometry

Government

Health
Mission to the International Space Station
Personal Finance
Physical Education 1: Personal Fitness
Physical Education 2: Personal Fitness
Planning for College
Pre-Algebra/Algebra Preparation
Pre-Calculus
Pre-Calculus: Functions
Solar Energy Design
Study Skills
US History: 1754 - 1877
US History: 1877 - Present
World History 1450-Present
Your Brain: An Intro to Neuroscience

CREDIT RECOVERY

Algebra 1 Flex
Algebra 2 Flex
Biology Flex
English 9 Flex
English 10 Flex
English 11 Flex
English 12 Flex
Geometry Flex
Health Flex
Personal Finance Flex
US History 1877-Present Flex
US History Colonial America - 1877 Flex
Study Skills Flex



FINE ARTS

INTRO TO ART

Ashley Cormack or Samantha Mundt
.50 Credits

Don't know what art class to take? Take this class to explore what art processes you like and enjoy while learning new processes along the way. Art techniques will be introduced and you will be given time to dive deeper into processes and themes that you enjoy most.

BOOKMAKING

Ashley Cormack or Samantha Mundt
.50 Credits

In this course we will explore a wide range of techniques to create your own handmade books such as a folded pants book or a simply glued tunnel book! We will look at the development of books from different time periods and cultures.

CERAMICS & POTTERY

Ashley Cormack or Samantha Mundt
.50 Credits

This course will focus on the techniques of hand building and wheel thrown pottery. Students will learn slab, pinch and coil techniques along with the practices of glazing and firing techniques. The creative practices of working Ceramicists and the historical importance of clay in our society will be studied and used for project inspiration. Projects will include functional, non-functional and sculptural pieces on the wheel and hand-built. Perseverance and problem solving will be taught in combination with creativity and self expression.

CURATION

Ashley Cormack or Samantha Mundt
.50 Credits

In this course we will look at how to properly present and preserve artwork. We will also look at art history and strategies for selecting work to create a cohesive collection of work. Students will create an exhibition of their favorite artwork.

DRAWING

Ashley Cormack or Samantha Mundt
.50 Credits

In this course we will focus on building drawing skills through observational drawing, perspective, and grid transfers. We will explore mark making using pencil, charcoal, and ink. Each student will keep a sketchbook to practice using materials and drawing techniques. We will discuss and critique work created in class and work created by artists throughout history.

ILLUSTRATION

Ashley Cormack or Samantha Mundt
.50 Credits

Prerequisite: Drawing

Do you like to draw? Do you often doodle in the margins of your notebook? Illustration is the class for you! Children's books, comics, fashion, and informative illustration are just some of the options you can focus on in this course.

INSTALLATION ART

Ashley Cormack or Samantha Mundt
.50 Credits

Installation art is an art form that is created for a specific space. In this course we will learn about installation art to create permanent and temporary installations in the school and community. We will study installation artists and installations in our community to help develop themes for projects.

INTRO TO PUBLISHING/DESIGN - YEARBOOK (OPEN TO JUNIORS AND SENIORS)

Samantha Mundt
1 Credit

Prerequisite: photography or teacher permission

This course is an introduction graphic design that is centered around The Gemini, our Twin Valley Middle High School Yearbook. Throughout this class, students will learn layout design, editing and dynamic advertising practices. Students will learn management skills to meet deadlines and how to effectively work as a team player on a creative project.

INTRO TO VIDEO

Ashley Cormack or Samantha Mundt
.50 Credits

This course will teach the fundamentals of video and film production. Learn how to use the video equipment and edit using basic editing software. Study and analyze films, commercials and other media formats considering personal, cultural and artistic preferences. Projects will include community inspired and creative short films.

PAINTING

Ashley Cormack or Samantha Mundt
.50 Credits

Prerequisite: Drawing

In this course we will learn how to use watercolor and acrylic paint. We will focus on how to use color, form, and value to create realistic and abstract paintings. Each student will keep a sketchbook to practice techniques and reflect on their progress. We will discuss and critique work created in class and work created by artists throughout history.



PHOTOGRAPHY

Ashley Cormack or Samantha Mundt
.50 Credits

This course will teach the beginnings of photography using film and simple darkroom practices. Then students will learn digital photography techniques using their work in film and digital images in Photoshop. Students will learn artistic manipulation techniques, photographic composition, documentary photography and portraiture through projects and the discussion of contemporary and historical photographic artists. Students are asked to bring their own digital camera to class if they have one.

PRINTMAKING & IMAGE MAKING

Ashley Cormack or Samantha Mundt
.50 Credits

Prerequisite: Drawing

This course will explore different printmaking and image transfer techniques and the graphic design aesthetics that goes along with the medium. To inform and inspire our work, we will study the history of printing in society as a form of communication and art. Students will learn techniques such as monoprints, linocuts, screen printing and photo image transfers.

SCULPTURE

Ashley Cormack or Samantha Mundt
.50 Credits

Explore the use of sculpture throughout history and the present day making connections with other disciplines. Students will learn additive, subtractive and assemblage sculpture using materials such as paper mache, soap, plaster and found object sculptures. Themes for projects are generated from student interest and art historical references.

SKETCHBOOKS & BULLET JOURNALS

Ashley Cormack or Samantha Mundt
.50 Credits

In this course we will explore the art of the sketchbook and bullet journals for creativity and productivity. We will look at famous artist's sketchbooks and use the bullet journals daily using drawing, hand lettering, collage, painting and more using student interest.

BUSINESS

The business department at Twin Valley Middle High School has designed its courses to meet the needs of all students; those who are planning on going to college and those who are planning on going directly into the workforce after they complete high school. They are designed to show students the possibilities that exist in the world and how they can use the knowledge they will have gained from these courses to turn possibilities into realities.

ACCOUNTING 1

To Be Determined
1 Credit

This course is designed to give students an overview of the accounting process which can then be applied to both personal and business use. A wide range of topics will be covered in this course, from how to balance a checkbook to how to create the financial statements for a business. This course will provide a solid exposure to accounting to both students planning on attending college and students planning on going directly into the workforce after completing high school.

BUSINESS LAW

To Be Determined
1 Credit

This course explores the legal environment in which businesses operate and studies the interaction between business and the legal system. Students examine various areas of the law which are integral to operating a business. Topics include: Contracts, torts, agency, Uniform Commercial Code, ethical and criminal implications of business actions, property laws, and the legal aspects of different business entities. Any student who is interested in business will gain a solid legal foundation which they can immediately apply in the real-world, regardless of the field of employment they decide to get into.

INTRODUCTION TO BUSINESS

To Be Determined
1 Credit

This course is designed to introduce the characteristics, organization, and operation of business. It will include such topics as organization and management, production planning and control, marketing, finance, day-to-day operations in the areas of accounting, personnel, research and development, and management information systems.

SPORTS & ENTERTAINMENT MARKETING

To Be Determined
1 Credit

Students will be a bit creative as they learn the four P's of marketing within the fields of sports and entertainment. This real-world elective offers an overview of marketing and allows students to work independently and in teams on a variety of project-based activities. Focus for this class includes such areas as advertising, promotional planning, selling sports and entertainment, and the use of social media as it relates to promotion and advertising.

PERSONAL FINANCE

To Be Determined
1 Credit

Twin Valley Middle High School is one of only a handful of high schools in Vermont which offer to their students a course in personal finance. Regardless of how comfortable a student is with their personal finances (or not comfortable), every student will gain a tremendous amount of practical knowledge which every person should have. Among the many topics covered in this course, students will learn: how to balance a checkbook and how to keep track of their expenses, best practices to using credit, how to be informed when purchasing a vehicle, how student loans for college work, how to use different types of insurance (i.e. health insurance and vehicle insurance), and how best to manage their money. Guest speakers from our community will build on the information taught in class and real-life class assignments will bring out the practical side of the information discussed throughout the course.

START YOUR OWN BUSINESS

To Be Determined
1 Credit

The process from creating an idea to turning that idea into a fully functioning business is the objective that students will have in this course. Either individually or in small groups, students will be responsible for coming up with their own unique business idea. Using this business idea, students will learn about various entrepreneurial concepts that could enhance success of the business. Throughout the course students will work on completing a business plan based on their idea.



MUSIC

CONCERT BAND

Albert Banach
1 Credit

This is a performance based course designed to build instrumental skills and foster artistic expression and creativity. This course places an emphasis on individual playing, exploring various musical styles and developing an understanding of music theory. The repertoire will range from traditional to popular music. All concert band members are required to attend lessons scheduled during school. Students must show an acceptable level of proficiency on their instrument as a requirement for enrolling. Attendance at all rehearsals and performances is required.

CHORUS

Albert Banach
1 Credit

This course is open to anyone with a desire to sing and increase his or her repertoire. Choral literature ranging from popular music to classics will be the course of study. The group will perform at several concerts during the year. Attendance at all sectionals, rehearsals, and concerts is required. Students will have the opportunity to audition for District Chorus, All State Chorus, and other singing groups.

A CAPPELLA SINGERS

Albert Banach
.50 Credits

Audition required

A cappella Singers is an advanced performing group whose course of study is mainly unaccompanied vocal music. This group will perform numerous times at various venues throughout the year. Attendance at all sectionals, rehearsals and concerts is required. Students will also have the opportunity to audition for district Vocal Jazz Ensemble, District Chorus, All State Chorus, and other singing groups.

MUSIC WORKSHOP/GARAGE BAND

Albert Banach
1 Credit

Students who elect to take this course will design an individual or small group project with the help of the instructor. Examples might be to collaborate with other students to explore a particular genre of music (instrumental and/or vocal), to do research to investigate a personal interest in music history or theory, or to learn a new instrument. The course would include regular coaching and meetings with the instructor, and some form of presentation of the final project at the end of the term.

Students should meet with the instructor before the start of the term to discuss the student's goals and course expectations.

INSTRUMENT LESSONS

Albert Banach
.25 Credits

A weekly half hour lesson is available to any student or small group ensemble whose schedule permits. Enrollment in band is encouraged, but not required. Independent practice is expected between lessons.

VOICE/PIANO LESSONS

Albert Banach
.25 Credits

This course includes independent and small group lessons. Independent study is expected between lessons. Students must keep a journal of progress, practice hours, and works throughout the semester. The course will culminate in a small recital.



FAMILY & CONSUMER SCIENCE

SEWING & CRAFTS

Susan Rogers
.50 Credits

This class is designed for students with little or no sewing experience. You will start by learning how to operate the sewing machine and then progress through a variety of sewing skills. Most of the class will be devoted to working on projects of your own choosing, as well as some textile crafts such as tie-dying, knitting and hand sewing techniques.

CULINARY ARTS

Susan Rogers
.50 Credits

This class is for the student who doesn't know the difference between a whisk and a wok, but is dying to find out! We begin with a review of food and kitchen safety then focus on food preparation techniques as we prepare everything from an assortment of baked goods to various main dishes.

WORLD CUISINES

Susan Rogers
.50 Credits

Prerequisite: Culinary Arts

This semester-long cooking class takes you on a virtual journey through the countries of Italy, Mexico, Thailand, Australia, France, Bhutan and many others. We learn about the cultures of these countries as we prepare delicious food such as Pad Thai, Egg Rolls, Crepes, Swedish Almond Cake, Fortune Cookies, Doro Wat, homemade pasta and more! Buon Appetito!

FOOD & FITNESS

Susan Rogers
.50 Credits

Prerequisite: Culinary Arts

Do brownies that are low in fat really taste good? How can you make delicious food without refined sugar and flour? How can yoga ease stress? We will explore these issues and more through cooking, physical activities and games.



INDUSTRIAL TECHNOLOGY

CARPENTRY/ARCHITECTURE

Frank Brower
.50 Credits

This course is designed to give students a basic understanding of architectural principals and construction techniques. We will study different designs and methods of construction through the construction of models. Also, sustainable design and construction will be included.

WOODWORKING 1

Frank Brower
.50 Credit

Woodworking 1 is designed to give the students a basic understanding of elements of working with wood. Students will be instructed in the safe and correct use of hand and power tools. Basic instruction in design, materials, wood processes and finishing will be taught. Students will construct several projects to demonstrate their skills. Areas to be included will be the use of the lathe, machine dovetail jointing and other machine skills needed for fine woodworking.

WOODWORKING 2

Frank Brower
.50 Credit

Prerequisite: Woodworking 1

Woodworking 2 will follow the same format as Woodworking 1. However, students will receive advanced training in joinery, finishing, woodworking processes, and materials. Students are encouraged to select projects of a more advanced and challenging nature. Also, the class will be involved in woodworking projects for the Twin Valley Middle & High Schools. Project examples include tables, benches and bookcases which the schools will utilize.

WELDING

Frank Brower
.50 Credits

Starting with the basics and advancing as far as the individual can manage, the student will develop skills in Oxy-Acetylene welding, Brazing, Arc welding and MIG welding. Also metal cutting techniques will be taught. The student will also design and construct a personal project of their choice.

HEALTH & PHYSICAL EDUCATION

PHYSICAL EDUCATION

Leland Hayford
.50-1.0 Credit

All students in grades 9-12 are required to take physical education. All classes are coeducational. We are dedicated to providing the most relevant, diverse and current program possible, so that all students will have the opportunity to achieve success. We believe that every student should have the skills and knowledge to make healthy lifelong choices. Through the development of communication, goal setting, problem solving, and positive risk taking, students have the capacity to maximize each of the Dimensions of Wellness: physical, intellectual, social, emotional, spiritual, and environmental throughout their Wellness experiences. Student performance is evaluated on the following criteria: active participation, demonstration of responsible behavior, positive attitude and effort, and empathy towards others.

The goal of physical/education/personal fitness is to develop individuals who have the knowledge, skills and confidence to enjoy a lifetime of healthful physical activity. Each student is exposed to various fitness assessments, exercise programs and fitness concepts that are applied. A combination of classroom instruction and active participation provides students with the necessary knowledge to set fitness goals, exercise regularly and carry out their own fitness program now and in the future.

In our program, students will gain the skills and knowledge needed to participate in a variety of sports and lifelong activities. Students are encouraged to be active participants while creating a learning environment inclusive of all. Students will gain self-confidence while having fun through regular physical activity.

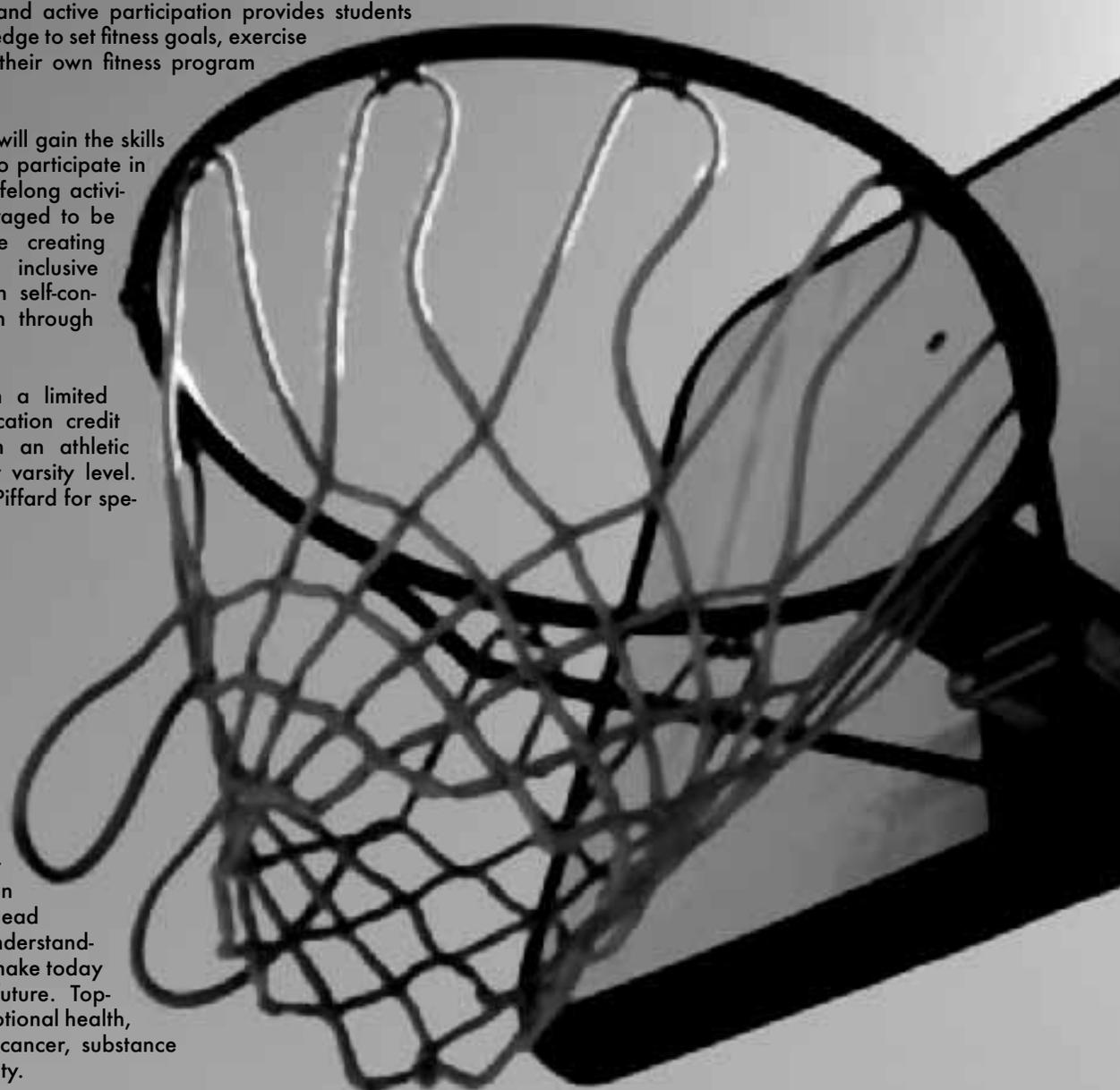
Students may also earn a limited amount of physical education credit through participation on an athletic team at either the JV or varsity level. See Mr. Hayford or Ms. Piffard for specific details.

HEALTH 1 & 2

Christopher Brown &
Susan Rogers
.50 Credits each class

This course provides an understanding of the concepts of health and wellness as it relates to various aspects of your life. Emphasis is placed on providing strategies that lead to optimum health and understanding how the choices you make today affect your health in the future. Topics include: stress and emotional health, nutrition, heart disease, cancer, substance abuse and human sexuality.

Health is part of the personal development class required of all Twin Valley Middle High School ninth graders.



DRIVER EDUCATION & INTERNSHIP

DRIVER EDUCATION

Charles Hess
.25 Credits

Driver Education is conducted in cooperation with the Vermont Department of Education. Requirements include a minimum of 30 hours of classroom, and 6 to 8 hours of behind-the-wheel driving, and 6 to 8 hours of in-car observation. Our program is based on the Vermont Driver and Traffic Safety Education Association's cutting-edge approach to reducing crashes by raising driver awareness of all the ways to lower risk.

Most drivers suffer in 3 areas. The ability to:

- Identify potential hazards in advance;
- Maintain a space cushion around the vehicle; and
- Make decisions to meet constantly changing road conditions.

To enroll in the course students must be at least fifteen years of age, have a learner's permit, and must have driven at least 10 hours before the class begins. Upon successful completion of the course, the student will receive a Vermont Department of Driver Education Certificate. All students under the age of 18 must have successfully completed a driver education course in order to obtain a Junior Operator's license.

This course is pass/fail. All assigned work must be passed in to the teacher. Driving time is scheduled during a student's academic lab period, after school or before school. Disruption of a student's academic class time will be kept to a minimum, but students must make their free time available as needed.

JUNIOR/SENIOR INTERNSHIP & COLLEGE OPPORTUNITIES

Maryann Kinney
120 hours at worksite = 1 credit

Internships are for juniors and seniors interested in trying out a job or profession. Popular among students are placements at area garages, health care facilities, elementary schools, and restaurants, but student interests drive placements.

A former exchange student who went to South Korea with the Experiment in International Living, for example, liked the program so much she interned at their offices in Brattleboro. A young woman who loved horses traveled around southern Vermont and western New York with an equine veterinarian based in Manchester.

Internships are voluntary and unpaid. They require a minimum of six hours weekly. Students write a weekly e-mail journal and make banquet presentations at the end of their internships. High interest and motivation, reliable communication skills, meeting deadlines, and perfect attendance all make internships successful. Grades - Excellent, Satisfactory, Unsatisfactory - are based on academic performance and mentor evaluations.

Interns must have a valid driver's license, their own gas money, car insurance, and a reliable vehicle. Liability at the workplace is covered by the school's insurance policy.

Seniors have complemented internships with college classes (tuition and fees paid by Twin Valley, books by students). Future nurses and doctors have interned at hospitals in Greenfield or Bennington and taken Anatomy and Physiology at Community College of Vermont (Bennington and Brattleboro) or Greenfield Community College. Both GCC and CCV require satisfactory performance on the Accuplacer test before enrolling.

More commonly, Twin Valley seniors have enrolled in college classes once they've completed Twin Valley requirements and are looking to get a taste of college and a head start on college credits. Among offerings taken have been Introduction to Psychology, Cultural Anthropology, Statistics, and Intro to College Studies.

Students interested in internships and college classes have a better chance to do either when they've looked ahead, filled their schedules early in their high school years to allow room to learn off-campus when they become juniors (internships only) and seniors (internships and college classes). Colleges, employers, and the military all value high schoolers who go the extra mile.





PLANNING A CAREER CENTER PROGRAM Windham Regional Career Center • Brattleboro, VT

Twin Valley Middle High School students may apply to a program at the Windham Regional Career Center in Brattleboro, Vermont. Career Center programs are available for students as part of their junior and senior years of high school. Prior to attending the Career Center, students should complete as many graduation requirements at Twin Valley Middle High School as possible. For most juniors attending the Career Center, those requirements would include a minimum of two years of English, two years of math, two years of science, two years of social studies, health, physical education in 9th and 10th grade, and electives. For most seniors attending the Career Center, those entry requirements would include a minimum of three years of English, three years of mathematics, three years of science, three years of social studies, health, all physical education requirements and appropriate electives in fine arts.

In some extenuating circumstances students entering their sophomore year may apply for a special program at the Career Center. Each case will be reviewed on an individual basis by the Twin Valley Middle High School and Windham Regional Career Center administrations. Students attending the Career Center on an early basis must still complete all academic course requirements for Twin Valley Middle High School.

There is a formal admission process associated with attending the Windham Regional Career Center that includes an application, interview, submitting a graduation plan, and standardized testing.

CAREER & TECHNICAL EDUCATION PROGRAMS

WINDHAM REGIONAL CAREER CENTER
80 Atwood Street • Brattleboro, Vermont
Telephone: 802-451-3900 - Fax: 802-451-3933

ARCHITECTURE & CONSTRUCTION

ARCHITECTURE & CONSTRUCTION I 2 Credits

Construction and architecture comprise one of the largest industries in the United States. The construction and architecture level 1 program will prepare students with skills related to safety and the basics of construction and architecture including blueprint reading and basic design. The level 1 program is designed to also give students a broad understanding of the different fields of construction and architecture. Upon completion of this course, proficient students will be able to demonstrate knowledge and skill in safety, hand and power tools, basic construction math, blueprints, material handling, and basic work-related skills. Students may be exposed to some Computer Aided Drafting (CAD) software to create plans and three-dimensional drawings using industry standard dimensioning and notation. Students will visit local job sites to see the industry in action. Local industry will also be joining the classroom for presentations and observations. Students will begin to develop a physical and electronic portfolio. Students will also have the opportunity to earn several industry-recognized credentials (IRCs) applicable to construction and architecture.

ARCHITECTURE & CONSTRUCTION II 3 Credits

Construction and architecture comprise one of the largest industries in the United States. The construction architecture level 2 program is designed to build on students' knowledge of safety, fundamentals, and understanding of the basics of the building and architecture trades. Students will practice and improve proper measurement, accurate assembly, applications of mathematical concepts, material estimating procedures, and safe work practices. Upon completion of the level 2 program, proficient students will be able to demonstrate knowledge and skill in framing, building science, and understanding blueprints. Students will learn and practice how to frame floors, walls, ceilings, roofs, and stairs while safely employing tools used in the trade. Students may be exposed to Computer Aided Drafting (CAD) software to create plans and three-dimensional drawing using industry standard dimensioning and notation, and connect their drawing layouts to actual models, components, and possibly buildings. Students will visit local job sites to see the industry in action. Local industry will also be joining the classroom for presentations and observations. Second-year students will have the opportunity for work-based learning, with the potential to turn into full-time employment. Students will develop a photo and electronic portfolio. They will have the opportunity to earn industry-recognized credentials (IRCs) applicable to construction and architecture. Students will also be encouraged to join SkillsUSA, and Better Building by Design.

GEOMETRY IN CONSTRUCTION 2 Credits

Geometry in Construction is an alternative way to earn a Geometry credit in a project based/lab based class while learning the skills and opportunities that exist in the building and construction industry. You will apply the lessons you learn in the Geometry classroom to "real world" situations in the Construction lab. In this class, you will be concurrently enrolled in Geometry and Construction for the entire course and earn credits for each. You will learn the same Geometry as students in a traditional class, and you will have the construction skills necessary to progress on to the Construction and Architecture level 1, or possibly level 2, class next year.

AUTOMOTIVE TECHNOLOGY

AUTOMOTIVE TECHNOLOGY I 2 Credits

This course is the first of two courses to complete the automotive pathway. When students complete this course, they will possess the necessary knowledge and skills to move on to the next level of this pathway. Students will share classroom and lab time while learning about safety, tools, the systems of an automobile, vehicle identification numbers, automotive physics, body designs, engine configurations, the four stroke engine process, engine components, mounting and balancing tires, reading tire information, identifying tire wear patterns, vehicle scheduled maintenance and the procedures for performing oil changes and vehicle safety checks. Throughout the entire pathway there will be a strong emphasis on teamwork, work ethics, critical thinking, accountability in the workplace and the vitality of any job (regardless of status) being executed properly. There will also be a heavy emphasis on maintaining safety, professionalism and very high standards of vehicle repairs. The goal is to prepare students for real life situations, and to create a strong foundation of skills and knowledge possessed by a highly skilled employee in the automotive industry.

AUTOMOTIVE TECHNOLOGY II 3 Credits

This course is the second of two courses to complete the automotive pathway. Upon completion of the program, students will possess the necessary knowledge and skills to enter a post-secondary technical school or move into the workforce as an entry level technician. Students in this course will share classroom and lab time while learning about steering and suspension, brake systems, engine repair, engine performance, heating and air conditioning and electrical and electronic systems. Along with this curriculum students will be working in a live shop setting, which means they will be diagnosing and repairing customer vehicles, ordering parts and talking with customers. Throughout the entire pathway there will be a strong emphasis on teamwork, work ethics, critical thinking, accountability in the workplace and the vitality of any job (regardless of status) being

executed properly. There will also be a heavy emphasis on maintaining safety, professionalism and very high standards of vehicle repairs. It is my goal to prepare students for real life situations, and to create a strong foundation of skills and knowledge possessed by a highly skilled employee in the automotive industry.

BUSINESS

ACCOUNTING

1 Credit

This course teaches foundational skills, concepts, processes, and techniques necessary to understand and master basic accounting concepts and principles. Students will learn the accounting cycle, steps and procedures for processing transactions for a sole proprietorship using multiple journals and ledgers, then advance their learning through the expansion of concepts required for the accounting requirements of a larger business in merchandising. Internet is required, as assignments require the use of the textbook related, online software, Aplia.

MARKETING, SALES & SERVICE

2 Credits

Want to go to college with valuable skills? Want to learn basic business essentials? Want to go into the workplace with skills to sell? Want success? Come get it! Learn many "best practices" businesses look for when selecting employees. All skills taught will also help you achieve success in college and prove useful throughout life. No matter what your future holds, having some business skills will enhance your ability to communicate and interact professionally, manage time and tasks, efficiently operate tools and equipment used in business offices/environments. Learning and working in a simulated business environment, this course covers topics and trends in communication styles and techniques, writing and formatting a variety of professional documents including a resume, develop writing skills; activities to develop leadership, teamwork, decision making, priority setting, time management, plus learn business equipment, procedures, and techniques. It's fun, it's project driven, it's interactive, and it's a challenge. What you learn, you are guaranteed to use in your future, no matter what your career path!

INTERNATIONAL BUSINESS

1 Credit

This course introduces the student to the unique challenges and concepts necessary in today's global workplace, including cultural and social influences, international trade, and career in the international marketplace. Travel the world through interactions with local international business leaders. The experiences and opportunities to learn about business from people who are successful in their own businesses will be memorable and eye-opening. How did their success happen? What are the challenges and opportunities in business? Learn the answers through experiences, not just books. This is more than a class; it's an experiential learning opportunity.

PERSONAL FINANCE

1 Credit

You know how to make money, but will it be enough? Do you really know how to manage your money for a successful financial future? Personal finance will present activities for handling

finances as a young adult through old age. Students will learn money management, saving options, credit laws and reporting, personal decision making, managing risks, as well as consumer rights and responsibilities. You will participate in a budgeting simulation sponsored by H&R Block that is real, relevant, and even grants scholarships to students who best manage their money throughout the simulation. This is a "must have" class for personal financial survival...it's real life stuff!

CULINARY ARTS

INTRO TO CULINARY ARTS

1 Credit

This is a hands-on course that introduces and develops basic cooking skills. This course introduces students to the food service industry. Students will learn how to follow recipes, weigh and measure food, and properly use all kitchen equipment. Basic culinary terminology is taught and students learn the basic techniques that are used in cooking, baking and customer service. An overview of the food service industry helps students to understand the different career opportunities.

CULINARY ARTS II

1 Credit

This program is centered on the food service industry, and geared towards students who want to work in the culinary field. The course focuses on sanitation, customer service, menu planning, cooking methods, and baking, teamwork and kitchen work skills. Students work in the dining room and kitchen of the WRCC Hide-away Restaurant practicing the skills needed to gain employment in hospitality and food service professions.

ELECTRONICS/ELECTRICITY

ELECTRICITY/SPEAKER BUILDING 1

2 Credits

This course provides the basics of electricity and electronics designed to enable students to move on to digital electronics. Topics will include: safety, magnetism, AC and DC electronics, power generation and renewable energy, resistance, capacitance, inductance, RL and RC time constants, AC filters, series and parallel RCL circuit building, analysis and troubleshooting, robotics, speaker building and crossover network design, sound system designs and audio engineering, semiconductors, diodes, transistors, residential wiring, and computers and networking. The theory presented during the course will be reinforced through lab experiments. Additional skills will include: use of test equipment, client/server computer networking, summarizing lab results, and working efficiently in small groups and pairs.

ELECTRONICS/PHOTONICS II

3 Credits

This course provides the basics of digital electronics and fiber optics designed to enable students to move on to technical college or a career in electronics or fiber optics. Topics will include: safety, logic gates, timers, registers, counters, analog to digital and digital to analog converters, binary and hexadecimal codes, computer networks, data and telecommunications, lasers, optics, fiber optic cable types, termination and splicing methods, fiber optic testing methods, and fiber optic switching equipment. The theory presented during the course will be reinforced through

lab experiments. When a student has successfully completed this course, he/she will be eligible to become a Certified Fiber Optic Technician. Additional skills will include: Use of test equipment, client/server computer networking, summarizing lab results, and working efficiently in small groups and pairs.

ENGINEERING & ADVANCED MANUFACTURING

ENGINEERING & ADVANCED MANUFACTURING I 4 Credits

This project based course is designed to develop a student's proficiency in the field of manufacturing. Students will learn by designing and fabricating projects through a series of activities, building skills in the area of design communication, material properties, manufacturing methods, machine controls, and quality assurance. Students will use a computer lab, precision fabrication laboratory, and robotics for a hands-on approach to manufacture projects with various materials. This course is aligned with Project Lead the Way (PLTW).

ENGINEERING & ADVANCED MANUFACTURING II 3 Credits

This project based course is designed to develop proficiency in manufacturing processes, machine programming, pick and place robotics, metrology and lean manufacturing. Students will learn by designing and programming Cartesian robots to manufacture projects to technical specifications. Students will work with prospective employers on a collaborative project to emphasize ISO standards, process control, safety, machine language, quality control and automated systems used in industry. This course is aligned with Project Lead the Way (PLTW).

FILM MAKING/DIGITAL EDITING

FILMMAKING/DIGITAL EDITING 1 2 Credits

Learn how to make your own movies and videos! Whether you're interested in becoming a filmmaker in Hollywood or in developing your own projects for the web, this course will put you ahead of the competition by teaching you the fundamentals of filmmaking and content creation through nonlinear digital editing, HD camerawork, compositing and using iMacs with a variety of industry standard software including Adobe Creative Cloud. You will explore screenwriting, directing, working with actors, cinematography, lighting, picture and green screen, special FX, and sound editing. Working individually or as teams, you will create various projects designed to introduce you to the fictional narrative, the documentary, and the experimental film.

ADVANCED FILMMAKING 3 Credits

Students will expand and hone their filmmaking skills by engaging with more challenging projects. Each student will have increased opportunity to work with various professional tools found within the filmmaking industry, such as Steadicams, camera dollies, and jibs. Students will also be offered the opportunity to make a short feature film, and/or web series based upon screenwriting developed in the class. An additional emphasis will also be placed on working with performers and crew.

FORESTRY/NATURAL RESOURCES

FORESTRY/NATURAL RESOURCES I 4 Credits

This program will introduce students to various forest management practices and skills involved in natural resource careers. This course will focus on proficiencies in several skills that include: Dendrology (tree and leaf identification), map and compass use (orienting), tractor safety and maintenance, basic welding, chainsaw safety and operation, and an introduction to the Vermont Soils and Land Judging Competition. This course will provide students with the proper vocabulary, understanding, technical knowledge, and physical skills necessary for natural resource careers. Students will also receive First-Aid, CPR, AED, Northeast Woodland Training(Game of Logging) levels 1 and 2 training.

FORESTRY/NATURAL RESOURCES II 3 Credits

This is an outside environmental course that will engage students with hands-on project-based learning activities with opportunities for community service projects, field trips, job shadowing, and co-operatives. Focus areas will include subsurface drainage design and construction, sawmill operation, lumber grading, introduction to maple syrup production, skidder safety and operation, timber harvesting, and wildland fire control. Additionally, students will be able to identify indigenous and invasive plants and trees. Students will have the opportunity to participate in the Northeast Woodland Training (Game of Logging) certification program.

HEALTH CAREERS

PRINCIPLES OF BIOMEDICAL SCIENCE 1 Credit

Students will explore biology concepts through the study of human diseases. Students will work collaboratively and independently to determine the factors that led to the death of a conal person, and investigate lifestyle choices and medical treatments that might have prolonged the person's life. The activities and projects introduce students to human physiology, medicine and research processes. Note that this is a course within the Project Lead The Way (PLTW) sequence of Biomedical Science courses and that a significant amount of work will be conducted online. There will be regular homework in this course including reading, organization of a binder, and maintenance of a laboratory notebook.

HUMAN BODY SYSTEMS 1 Credit

Students will undertake a detailed study of human body systems through organ dissection, guided internet research, and 3-D modeling of major organs. Labs will feature data acquisition software used to monitor body functions such as blood flow, muscle reflexes, and respiratory capacity. Case studies will explore the roles of biomedical professionals as they diagnose fictional patients and devise treatment plans. Research projects will examine the interactions between body systems and the careers available to those who work in health-related professions. A unit on bone-based and DNA-based forensics is also included. Note that this is a course within the Project Lead The Way (PLTW) sequence of Biomedical
28 Science courses and that a significant amount of work will be

MEDICAL INTERVENTIONS

1 Credit

Students will follow the life of a fictitious family as they investigate how to prevent, diagnose, and treat disease. Students will explore how to detect and fight infection; screen and evaluate the code in human DNA; evaluate cancer treatment options; and prevail when the organs of the body begin to fail. Through real-world cases, students will be exposed to a range of interventions related to immunology, surgery, genetics, pharmacology, medical devices, and diagnostics. Note that this is a course within the Project Lead The Way (PLTW) sequence of Biomedical Science courses and that a significant amount of work will be conducted online.

BIOMEDICAL INNOVATION

1 Credit

In the final capstone course of the Biomedical Science sequence, students will build on the knowledge and skills gained from previous courses to design innovative solutions for the health challenges of the 21st century. Students will address topics ranging from public health and biomedical engineering to clinical medicine and physiology. They will have the unique opportunity to work on an independent design project with a mentor or advisor from a university, medical facility, or research institution. Note that this is a course within the Project Lead The Way (PLTW) sequence of Biomedical Science courses and that a significant amount of work will be conducted online.

HUMAN GROWTH & DEVELOPMENT

1 Credit

This course is designed to teach the developmental stages of humans from conception through the aging process. Course content includes general and specific principles and concepts of growth and development, as well as physical, motor, cognitive, and psychosocial characteristics of the various developmental stages. The course implements the philosophy and objectives of the program by stressing the importance of the changes that occur at each stage of the life span. This course may be offered for college credit through Vermont Technical College.

MEDICAL TERMINOLOGY

1 Credit

This course is for the student interested in the field of medicine or human services. The curriculum will focus on the meaning and pronunciation of medical terms, including prefixes, suffixes, root words, and medical abbreviations. In this course you will be guided along a path of vocabulary development that is interesting, enjoyable and prepares you to communicate in the field of medicine. A variety of classroom learning activities will allow you to practice and to grow confident in your use of medical terminology. Eligible students seeking an additional challenge may opt to take a final exam for Medical Terminology in order to receive college credit from the Community College of Vermont.

NUTRITION

1 Credit

The focus of this course is to provide sound, relevant background knowledge in the science of human nutrition and to translate the scientific principles of nutrition into applicable concepts of care. This course offers opportunities for the student to identify dietary modifications relating to the developmental stage of the patient as well as the role of adequate nutrition in maintaining the health of the individual throughout the life-span.

LICENSED NURSING ASSISTANT

2 Credits

Licensed nursing assistants manage patients' physical, mental and emotional needs. They assist with daily living activities, including dressing, bathing, feeding, taking blood pressure, personal hygiene, and moving and positioning bedridden patients. They additionally provide range of motion activities and assist with serving meals. They are an integral part of a healthcare team in both hospitals and long-term care facilities. This course will include a total of 40 hours of clinical work experience at both a hospital and a long-term care facility. At the conclusion of this course, students will be provided the opportunity to earn their Vermont state licensing credential through successful completion of a national licensing exam and demonstration of competence in performing nursing procedures and care skills. With this license, students will be able to apply for employment as nursing assistants, a career which is in high demand.

PERFORMING ARTS

PERFORMING ARTS ACTING

2 Credits

This is a performance-based program for students who wish to learn about acting and theatre related professions. No previous acting experience is required, however students should be eager to take creative risks and to receive critical feedback on their work. Active daily participation is required. Students will learn how to interpret text and to develop believable characters. Units include auditioning, acting for the camera, commercial work, makeup, and different acting styles including classical Greek, Shakespearean, and high comedy. Because this course may qualify as English III or English IV for some students, rigorous academic work is included in the curriculum. Students write eight major essays, a research paper, frequent short reviews, an actor's journal, and they prepare an actors' professional portfolio.

PERFORMING ARTS DIRECTING

2 Credits

This is a rigorous academic course for students who wish to learn more about directing for the stage and other technical aspects of theatre production. Previous acting experience is highly recommended as students will both direct and act with classmates in a number of directing exercises and scenes. Active daily participation if required. Students must be eager to take creative risks and to receive critical feedback on their work. Because this course may qualify as English III or English IV for some students, rigorous academic work is included in the curriculum. Students write eight major essays, a research paper, frequent short reviews, and prepare a director's prompt book. Note: this course is offered every other year on a rotating basis with Performing Arts - Acting.

THEATER CAPSTONE

1 Credit

Students enrolled in the Theater Capstone will design a course of advanced theater studies in the areas of acting, directing, or technical theater with an approved mentor. Upon completion of the course of study, some form of public performance or portfolio will be required.

PERFORMING ARTS CIRCUS I

1 Credit

This course includes physical training in circus and performing arts including skill development, vocabulary, conditioning and flexibility, health and safety practices. Students will learn and develop individual and group performance pieces in acrobatics, aerials, juggling, dance and clowning. Academic assignments include lectures, discussions, essays, research papers, tests and quizzes on circus history and contemporary circus performance. The final project is the development and performance of a circus showcase, highlighting the students at their own level. This course will develop artistic literacy through performance review and critique. Students will learn and develop physical skills and build soft skills for a variety of careers including team building and leadership skills, work ethic, self-confidence and presentation skills.

PERFORMING ARTS CIRCUS II

1 Credit

In addition to the skills taught in Performing Arts-Circus 1, students will refine artistic literacy skills through performance review and critique. Students will learn and develop physical and performance skills and build soft skills for a variety of careers including team building and leadership skills, work ethic, self-confidence and presentation skills. Students will be required to choose additional projects to be completed outside of class which may include community outreach, social circus assistant teacher training, additional physical training, rigging training and/or academic research projects.

CIRCUS CAPSTONE

1 Credit

The Circus Capstone is a course designed to represent the students' culminated training in the Performing Arts Circus strand of the Performing Arts Academy program. Students will be expected to set goals and work toward creating an innovative final performance project. Projects may include but are not limited to: creating solo and/or group work, expansion of related proficiencies such as physical skill development, teaching, directing, choreography, costuming, makeup, theatre technician, and/or promotional and professional growth. The final production will be documented on film, and include written documentation of the process, including reflections of the project.

DANCE I: INTRO TO DANCE

1 Credit

Dance I uses a variety of dance styles to explore movement as a creative art form. Students learn kinesthetic awareness, proper body alignment and physical strength, flexibility, and endurance as they relate to folk dance, social dance, historical dance, concert dance, and theatre dance. The goals of identifying how dance is connected to our lives and to different cultures are pursued through the thoughtful critique of dance performance and class work. Students will experience a variety of ways of moving and will explore more specific areas of dance through project work.

PERFORMING ARTS DANCE

2 Credits

Dance students engage in a rigorous course of study preparing them for advanced work in concert dance and related fields. This program emphasizes the development of strong dance technique

in the disciplines of ballet, modern and jazz dance. Additionally, students will study improvisation, composition, dance history and culture, anatomy of movement, health and nutrition, and stagecraft. A spring field trip to the National High School Dance Festival has become a typical component of the program.

DANCE CAPSTONE

1 Credit

The Movement Capstone is a course designed to represent the student's culminated training in the Performing Arts-Movement Academy. Students will choose a mentor to create an agenda for the semester, which will include the following curriculum components: They will identify an area of emphasis such as performance, choreography, production, and teaching in the area of dance. They will determine a final goal which will represent their training, such as choreographing an evening length showcase. This would require the creation of a month long syllabus of classes including lesson plans and student goals, standards and evaluations, or producing a performance. Students will outline with their mentor a list of supporting academic evidence of their training and they will present their final showcase or product with evidence of its completion.

PROTECTIVE SERVICES

EMERGENCY MEDICAL RESPONDER

1 Credit

The Emergency Medical Responder (EMR) course is an entry-level emergency medical provider course that will prepare individuals for employment or a volunteer position in a variety of pre-hospital, industrial and first responder settings.

FIREFIGHTER

2 Credits

This is an introductory program emphasizing fire and emergency hands on training. The course allows candidates the chance to test for the Vermont State Firefighter I certification. Topics covered range from fire science/behavior to emergency medical procedures. There are several class trips to visit area emergency service providers.

CRIMINAL JUSTICE

2 Credits

This program is for students considering a career in the criminal justice (CJ) field. It offers a wide variety of experiences and exposure to many exciting professions. These include police, probation, corrections, game wardens, attorneys, judges, EMS, detectives, and crime scene investigators. This course will give a sampling of a full criminal justice program allowing the student to decide which career paths they may wish to pursue. Numerous guest speakers will provide an interesting introduction to unique subjects. Students wishing to enter the CJ field will learn how to develop an affordable career plan, and how to best market themselves. Students will complete a hiring plan, portfolio, and experience a practice job interview. This program is required by their degree or job aspirations, providing a concise study path unique to their goals.

2019-2020
Course Registration Form
Entering Grade 9 ONLY

Name _____ Grade 9

1.) Ninth grade core classes are already listed on your registration form below.
Please circle which foreign language/s you would like to elect for 2019-20.

Course

English 9

Intro to Math, Math 1, Math 2 (Circle 1 based on teacher recommendation)

Earth/Space Science

World History

World Language: Spanish 1 French 1 (Circle 1)

Health/Phys Ed

2.) List the elective courses in order of preference that you wish to enroll in during
the 2019-20 academic year.

Course

Signature- Parent/Guardian

Signature-Student

RETURN COMPLETED FORM TO MS. PIFFARD, TVMHS, 4299 VT ROUTE 100, WHITINGHAM, VT 05361
DUE DATE: FRIDAY, MARCH 1, 2019

2019-2020
Course Registration Form
Entering Grades 10, 11, & 12 ONLY

Name _____

Grade _____
(Entering)

1.) Write the names of the core classes in the spaces provided that you intend to be enrolled in during the 2019-20 school year.

Course

English _____

Math _____

Science _____

Social Studies _____

World Language/s _____

2.) List the elective courses in order of preference that you wish to enroll in during the 2019-20 academic year.

Course

Signature- Parent/Guardian

Signature-Student

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Twin Valley
Middle High School
Home of the Wildcats