

DIRIGO HIGH SCHOOL

Course Selection and Registration Guide



2015-2016

Principal's Statement

Students and Parents of Dirigo High School,

Welcome to the 2015-2016 Course Selection and Registration Guide. In addition to the list of courses available for the next school year, this guide also includes other valuable information, such as graduation requirements and guidelines for course selection. Also included are sections on Dirigo High School's alternative education program and the Region 9 School of Applied Technology.

The staff at Dirigo High School is committed to providing the best possible educational experience for our students. We recognize the need for a strong partnership involving staff, parents, and students in order to provide this experience. In addition, the staff at Dirigo spends a considerable amount of time reviewing and revising curriculum to keep our courses current and relevant. We encourage you to spend the time necessary to select a course of studies that is appropriate for your educational and career goals.

If you have questions about any aspect of this guide, please contact us here at the high school at 562-4251.

Sincerely,

Michael Poulin, Principal
Dirigo High School

Guidance Department Statement

The guidance program at Dirigo High School is structured to help students explore information and receive assistance in all aspects of their educational and personal experience. Students are encouraged to utilize the available resources in the Guidance Office pertaining to selection of their high school course of study, career education and information, college and vocational school information, and careers in the military. The guidance office also offers services to students needing or seeking information or assistance with problems or concerns of a personal nature. Students are encouraged to drop in any time, for any reason.

Guidance Department Staff:

JoAnne Weston	Guidance Secretary
Jenn Whittemore	School Counselor
Mary Hickey	School Social Worker

RSU #10 School Counseling Mission Statement

The mission of the RSU #10 Student Services Team is to provide a safe, equitable, PreK-12, developmental school counseling program. The team will collaborate with each other, with other educators and with community resources to help improve student achievement. This program will offer all students tools which will enable them to participate as global citizens, and empower them to meet their fullest individual potential through academic, career, and personal/social awareness.

Course Registration Guide General Information

Academic Load

High school is a time to challenge abilities, to explore academic and vocational subjects, and to develop career interest. Dirigo High school students are required to carry four (4) academic courses each trimester. This allows for a maximum of one learning lab per day. It is important for students, after careful consideration with their parents and their teachers, to select classes which will meet their current and future needs. When making course selections for the following year, students should tentatively outline the remainder of their high school program. Future planning will insure a meaningful program that reflects the individual needs of the student and increases options upon graduation. **Parents and students should be aware that a challenging academic program offers a greater variety in college and career options for students after high school graduation.**

Students should consider that most colleges require the following high school courses as the MINIMUM for admission:

4 Years of English

3 Years of Math including Algebra I, Geometry, Algebra II.

Many schools recommend Trigonometry as well.

3 Years of Science including two years of a lab science (Biology, Chemistry, and/or Physics)

3 Years of Social Studies

2 Years of the same World Language

Related Electives

Student Schedule Changes

There will be a ten school day add/drop period at the beginning of each trimester. Students may request course changes in their schedule during this time by completing the required forms available in the guidance office. Schedule changes after the closing of add/drop period require communication between a parent/guardian and the teacher and/or an administrator.

Failed Courses

Students who fail a required course should arrange with the guidance counselor to make up the course as soon as possible. Credit Recovery is an option for courses with grades between 60 and 69. Correspondence courses are also acceptable with the approval of the principal.

Dirigo High School
Graduation Requirements

Dirigo High School requires 24 credits for graduation. Dirigo students who complete their graduation requirements are eligible to receive their diploma at the yearly high school graduation in June.

English	4 credits
Mathematics	3.5 credits
Algebra I (grade 9)	1 credit
Geometry (grade 10)	1 credit
Elective Maths	1.5 credits
Science:	3.5 credits
Physical Science	1 credit
Biology	1 credit
Elective Sciences	1.5 credits
Social Studies:	4 credits
World Studies (grade 9)	1 credit
U.S. History I (grade 10)	1 credit
U.S. History II (grade 11)	1 credit
American Government & Economics (grade 12)	1 credit
Fine Arts	1 credit
Health	.5 credit
Service Credit	.5 credit
Students are required to earn credit for community service through the school or through volunteer activity. A total of .5 credits (60 hours) will count towards graduation.	
Physical Education (2 trimesters)	1 credit
Future Perspectives (grade 12)	.5 credit
Electives (9 trimesters)	4.5 credits
Subjects not scheduled as part of the required program of study are considered electives.	
Cougar Paw	1 credit
Students will receive a quarter credit a year for completing grade level homeroom assignments.	

DIRIGO HIGH SCHOOL

COURSE OFFERINGS

ALPHABETICAL BY DEPARTMENT

Note: All course offerings by department are listed, but some courses are not offered every year.

English	Pages 6-9
Family and Consumer Sciences	Pages 9-10
Fine Arts	Pages 10-12
Health and Physical Education	Pages 12-13
Mathematics	Pages 14-16
Science	Pages 17-19
Social Studies	Pages 20-23
Vocational Technology	Pages 23-24
World Language	Pages 25-26
Other:	
Service Credits	Page 26-27
Alternative Education	Page 27
Region 9 Vocational Education Programs	Page 28
Library Services	Page 29
Miscellaneous Opportunities	Pages 29-30

ENGLISH

ENGLISH 9 A and B (DHS1101 and 1102) required of all freshmen not taking Advanced English 9
This course serves as an introduction to expository prose (specifically the structure of effective essay writing through the persuasive essay) and literary analysis concentrating on reading for theme. Students will develop a familiarity of the processes of writing, expression skills and serious reading skills required in high school and post secondary education. (This course may be replaced with Advanced English 9.)

PREREQUISITE: None

1 credit course

ADVANCED ENGLISH 9 A and B (DHS1103 and 1104) An advanced English option for freshmen
The Advanced English 9 curriculum focuses on both global and local awareness. We will read a variety of literature ranging in topics from Women of the Dawn (historical fiction based on four Maine Native American women) to Ernie's Ark (a collection of short stories by Maine author Monica Wood) to Shakespeare's Romeo and Juliet, and more. In addition to discussing the themes and topics presented in this literature, we will work on reading comprehension, analyzing informational texts and identifying and analyzing theme, character, literary devices, conflict and more. We will write in a variety of forms: persuasive essays, short answers, personal responses, analysis essays, expository essays, narrative essays, descriptive writing, character sketches, creative writing, etc. All 9th grade students take the NWEA in both the fall and the spring. Results of the fall NWEA scores are used by teachers to better understand the needs of the students in class.

PREREQUISITE: None

1 credit course

ENGLISH 10 A and B (DHS1105 and 1106) required of all sophomores not taking Advanced English 10
All sophomores will engage in a deep and intensive genre study, including the following: poetry, drama, film, short story and the novel. Through these varied literary forms, students will not only understand the human expression in a variety of genres, but will also understand, examine and evaluate the connections between genres and themes and the universality of themes across time and culture. In addition, all sophomores will participate in and practice vocabulary development and grammar skills. (This course may be replaced with Advanced English 10.)

PREREQUISITE: English 9, or by permission of the instructor

1 credit course

ADVANCED ENGLISH 10 A and B (DHS1107 and 1108) An advanced English option for sophomores
For students seeking a challenge, Advanced English 10 covers similar content to English 10, and more, at a rigorous pace with elevated standards of achievement. Advanced English 10 is ideal for students planning to pursue AP Language and/or AP Literature later on in their academic careers. Advanced English 10 will also focus on the following units of study: poetry appreciation, drama, the elements of fiction (the short story), and the novel. Throughout the year, students will practice literary analysis and interpretation and will engage in a variety of writing tasks. These tasks will require students to reach above and beyond in order to promote a deeper understanding of the relationship between language and literature. Sophomores in Advanced English 10 will leave equipped with the skills and vocabulary necessary to smoothly transition into AP courses.

PREREQUISITE: English 9 or Advanced English 9, or by permission of the instructor

1 credit course

ENGLISH, continued

ENGLISH 11 A and B (DHS1109 and 1110) required of all juniors not taking A.P. Language
Through investigation and analysis of literature and history, (author, background, genre, techniques, etc.) students develop an awareness of how American Literature, from 1620 to present, developed and continues. Literature as a mirror of the nation is a focal point of the course. Students are required to develop keen subject, audience, and purpose awareness and to adjust these elements to meet specific requirements. Students learn to adjust language, literal and figurative expression, and point of view to appeal to both universal and specific audiences and in the process realize the power of subtlety. Students experiment with such elements as tone, voice, placement, and distance. Junior English is designed to ensure proficiency in post secondary writing situations. (This course may be replaced with Advanced Placement English Language 11)
PREREQUISITE: English 10, or by permission of the instructor
1 credit course

ADVANCED PLACEMENT LANGUAGE (11) (DHS105) an Advanced English option for juniors
This course is based on the College Board, AP Language and Composition Course Description and is designed to afford students numerous opportunities to closely read and analyze a wide variety of writing including expository, personal, analytical, argumentative and imaginative pieces, with the main focus on nonfiction. Students also study visual texts, including paintings, photographs, political cartoons, graphs, charts, advertisements and film. Students analyze both visual and prose representations to develop their understanding of rhetoric, working with language and visuals to deepen their awareness of a writer or creators purpose and strategies. Students write for various purposes and audiences including narrative, expository, argumentative, satirical and analytical. Through close analysis of a wide variety of nonfiction texts, students' understanding of rhetorical devices is incorporated in their own essays as they experiment and develop their personal writing style. In most cases students will utilize the steps in the writing process, with time to plan, reflect, revise and incorporate instructor feedback. To prepare for the exam, some writing will be completed in a timed setting. Throughout this course students will read analytically, think critically and communicate clearly and effectively.
PREREQUISITE: Teacher approval, PSAT scores, student interest, and/or entrance test
1 credit course

ENGLISH 12 A and B (DHS1111 and 1112) required of all seniors not taking A.P. Literature
The 12th grade curriculum builds upon what has been learned in the previous three years of high school. Students will read, write and present regularly. To adequately prepare students for what comes after high school (either higher education, military or a career) students will practice and master all genres of writing (narrative, explanatory, argument, creative and practical application). The course culminates with a multi-week synthesis project that involves reading a novel of student's choice, formulating research questions, researching, writing a research-based persuasive essay and a formal presentation of findings. This course will enhance students' personal and academic development and sharpen communication skills.
PREREQUISITE: English 11, or by permission of the instructor
1 credit course

ENGLISH, continued

ADVANCED PLACEMENT LITERATURE (12) (DHS106) an Advanced English option for seniors
One primary goal of the AP Literature and Composition course is preparation for the AP Exam in May, but the course also continues to prepare students for post-secondary education. AP Literature is structured to provide a diverse and challenging curriculum in hopes of bolstering readiness for college and beyond. Intensive reading and writing opportunities are presented with a focus on reviewing and enhancing analytical skills developed during junior year. Reading assignments focus on a variety of literature, ranging among culture and time period, gender, voice and point of view, drama and fiction, and poetry and prose. Reading critically is the main focus for all text studies. With each piece of literature, the writer's style is analyzed. Writing assignments ask students to reflect critically on the writer's skills, style and purpose and are equally balanced between timed, in-class responses and extended, out of class assignments where students use the writing process to improve the final product through multiple drafts and peer and instructor feedback. Other assessments include multiple-choice tests, presentations, projects and other opportunities for listening and speaking.

PREREQUISITE: Teacher recommendation, student interest and completion of summer work.
1 credit course

YOUNG ADULT LITERATURE (DHS126) an elective one-trimester course
Much like a book club, this elective promotes an appreciation of reading through the genre of Young Adult Literature. In this course, readers explore contemporary literature that is deliberately targeted at a high school audience. Readings consist of a variety of current, popular Young Adult novels focusing on an array of subjects, ranging from teen issues to speculative fiction. Students are expected to perform a significant amount of reading, including several novels read as a whole class and various independent choice reads. Students respond to the reading through writing, discussion and by other assorted means. Throughout this course, students will practice literary analysis and interpretation skills with this often dismissed genre.

PREREQUISITE: none
.5 credit course

DYSTOPIAN LITERATURE (DHS124) an elective one-trimester course
Since the beginning of civilization, mankind has longed to construct the perfect society. However, perfection is a difficult concept to agree upon, and what suits some may not always be to the benefit of all. Is perfection in society even possible? In this course, students will explore the ideas of Utopia and Dystopia through selections of modern utopian literature such as Looking Backward, 1887, A Brave New World and others, as well as a broad selection of early utopian literature. Students will respond to their study through writing, discussion and presentation.

PREREQUISITE: none
.5 credit course

ENGLISH, continued

JOURNALISM I (DHS130)

an elective one-trimester course

Introduction to Journalism is an introductory course focusing on print journalism. Students in this course will learn what is involved in producing a quality print news article and will have the opportunity to investigate and write their own news articles. Topics to be explored: journalistic ethics, the First Amendment and case law applicable to student journalists, local, state, national & world reporting through print media, interview skills, journalistic writing, genre reporting, careers within the print journalism industry.

PREREQUISITE: none

.5 credit course

CREATIVE WRITING (DHS110)

an elective one-trimester course

Creative Writing will focus on both reading and writing poetry, short stories and creative nonfiction. The instructor involves students in choosing particular projects within those three main genres. Students are required to journal daily in class and are often offered the opportunity to share those journals. The class requires students be active participants in both the workshop setting and the creative process. Participation and willingness to improve are important aspects to success in this course. Students will read various examples of creative writing, studying author's style and technique, and will work to incorporate what they learned and observed into their own creative pieces of writing. The class functions somewhat like a studio, where students work and the teacher helps as needed. This course is limited to 15 students. Creative Writing is an elective course and is not to be used for English credit, make-up English, or a replacement English course. This course satisfies the fine arts requirement.

PREREQUISITE: None

.5 credit course

FAMILY AND CONSUMER SCIENCE

FUTURE PERSPECTIVES (DHS827)

a required course for all seniors

This course is designed to prepare students for many of the challenges to be faced in adulthood. Choices regarding goals and responsibilities, careers, resources, and consumer practices will be examined and evaluated. Financial literacy, nutrition, legal issues, and parenting skills will also be included. Good communication skills are stressed. All students will have the opportunity to become CPR certified.

PREREQUISITE: Grade 12 or by permission of the instructor

.5 credit course

CULINARY ARTS (DHS823)

an elective one-trimester course

This class is for students who want to know more about food preparation, nutrition, menu-planning and food presentation. Students will prepare a variety of foods including pies, cakes, bread, nutritional snacks, and meals. Food preservation, Ethnic Cuisine and meal planning will also be included. This course satisfies the fine arts requirement.

PREREQUISITE: none

.5 credit course

FAMILY AND CONSUMER SCIENCE, continued

CHILD DEVELOPMENT (DHS822)

an elective one-trimester course

This is a course designed to help students gain an awareness of the complex changes that occur from prenatal development up to the kindergarten years, including physical, social, emotional and intellectual growth. Through observations, simulations and practice, students will explore the needs of both the child and the caregivers.

PREREQUISITE: None

.5 credit course

INTERIOR DESIGN (DHS907)

an elective one-trimester course

This course will include an extensive study of the physiological, social, and psychological impact of housing and interior design choices. Students will create and evaluate floor plans and decorating schemes. Architectural styles and features, construction details, design principles, site selection, and housing history will also be examined. This course satisfies the fine arts requirement.

PREREQUISITE: none

.5 credit course

FINE ARTS

ART HISTORY (DHS902)

Students will explore the world of art history, starting with Greek/Roman and Early Christian/Gothic, moving on to Renaissance and Impressionism, and ending with Modern styles. Students will gain a better understanding of cultures through the arts.

PREREQUISITE: None

.5 credit course

MUSIC THEORY (DHS933)

This course is an extension of the Band and Chorus classes for students seeking to improve their overall knowledge of music reading and music theory, as well as their arranging and composition skills. Beginning through advanced music theory concepts are introduced and students are allowed to work at levels appropriate to their abilities and learning styles.

PREREQUISITE: Basic knowledge of note reading or permission from the instructor.

.5 credit course

HISTORY OF ROCK 'N ROLL (DHS928)

Students survey American Roots music from the beginning of the 1900's through the present to gain an understanding of how the many American musical styles evolved over time. Rock 'n Roll is then intensely studied from the early 1950's through the present through reading assignments, watching video and listening to music. Students not only gain an awareness of who and what music was popular during certain time periods, but also its social and political significance.

PREREQUISITE: None

.5 credit course

INTRODUCTION TO ART (DHS908)

an elective one-trimester course

Students will be introduced to the world of visual art. Art criticism and aesthetics will be integrated into the creating of new and original artwork.

PREREQUISITE: None

.5 credit course

FINE ARTS, continued

ART II (DHS903)

an elective one-trimester course

Students will dive deeper into the world of visual art, expanding their ability of creating new, original artwork. Art criticism and aesthetics will be further explored as students become better acquainted with various art media. Each trimester will contain new approaches and projects.

PREREQUISITE: Introduction to Art

.5 credit course

ADVANCED ART (DHS901)

an elective one-trimester course

Students with a good foundation in art production will develop skills through in-depth projects. Individual styles will be expressed by research and development of their own design.

PREREQUISITE: Introduction to Art and Art II

.5 credit course

SCULPTURE (DHS911)

an elective one-trimester course

Students with a good foundation in art production and the enjoyment of things 3-dimensional will develop a better handling of sculptural media. Using both Additive and Subtractive techniques students gain in depth knowledge of the following Elements of Art and Principles of Design: Space, Shape, Form, Texture, Movement, Rhythm, Balance, Proportion, Emphasis and Unity

PREREQUISITE: Introduction to Art

.5 credit course

PAINTING (DHS909)

an elective one-trimester course

Students with a good foundation in art production and the enjoyment of paint will develop a better handling of the media as well as in-depth knowledge of color theory. Using acrylic and watercolor paints, students will create a number of paintings ranging from classical to modern styles.

PREREQUISITE: Introduction to Art, Art II and Advanced Art

.5 credit course

PUBLICATIONS--Yearbook Publication (DHS913)

an elective two-trimester course

The main objective of this course is to produce the annual volume of the Dirigo High School yearbook, Dimensions. The students enrolled in this class will be involved in and responsible for all of the tasks associated with the creation of the yearbook. Skills in organization, theme development, writing, page layout, fundraising and digital photography are practiced.

PREREQUISITE: Students must be in grade 11 or grade 12

1 credit course

AUDIO VISUAL ARTS AND MEDIA (DHS904)

an elective one-trimester course

Students will incorporate digital video and computer technology for production on a school based film project. Students will study the scriptwriting process to create and write an individual script and storyboard. Creative thinking, problem solving skills, and teamwork will be required of all students to create the final products.

PREREQUISITE: Students should have writing skills necessary for script writing.

.5 credit course

FINE ARTS, continued

BAND (DHS926)

This course is designed to provide experience in instrumental music to the beginning as well as the advanced musician. Student will be expected to increase their knowledge of their instrument and other instruments, to study music theory, and to apply their knowledge to individual and group performance situations.

PREREQUISITE: Students should have basic music reading skills or permission from the instructor. Lessons are available for beginning students on most instruments.

.5 credit course

CHORUS (DHS927)

This course is designed to provide experience in vocal music to the beginning and advanced singer and musician. Students will be expected to increase their knowledge of vocal music, to study music theory, and to apply their knowledge to individual and group performance situations.

PREREQUISITE: None

.5 credit course

INTRODUCTION TO GUITAR (DHS932)

an elective one-trimester course

This course is open to students of all levels and ability. Beginning students are introduced to chords, basic music theory, scales, note reading and strumming patterns. Beginning students are required to work through the Hal Leonard Guitar Series book one and class handouts. Advanced students continue with note reading, music theory, scale and chord structures, song structure and improvisation. Advanced students continue through the Hal Leonard methods, the Berklee Series Method Books, and class handouts. Students should own their own instrument - a limited number are available to borrow upon approval. Enrollment is limited to eight students.

PREREQUISITE: None

.5 credit course

HEALTH & PHYSICAL EDUCATION

HEALTH (DHS828)

required of all sophomores

Health education will provide students with an opportunity to identify, analyze and demonstrate knowledge of the dimensions of wellness in order to make positive decisions that will promote optimum health and fitness throughout their lives. Emphasis will be on physical soundness and vigor, mental alertness, healthy emotional response, resiliency and positive relationships. Students will develop skills that will enable them to make better decisions in the face of conflicting messages.

PREREQUISITE: none

.5 credit course

PHYSICAL EDUCATION 9 (DHS924)

2 trimester requirement for all freshmen

The course is one in which team sports, leisure activities and life long activities are introduced and expanded on. Students will also be required to do some fitness testing, team challenges and some form of written work in the capacity of an assessment or exam. Participation is a huge part of the class, so come ready to participate and have some fun. Class size is limited to 24 students so that everyone is allowed ample participation.

PREREQUISITE: None

.5 credit course

HEALTH & PHYSICAL EDUCATION, continued

ADVANCED HEALTH AND WELLNESS (DHS845)

an elective one-trimester course

This course is an elective class for the student who wants to further investigate health concepts that were introduced in Health class. Topics such as nutrition, bioethics, health care accessibility, medical advances, emotional/mental health, social health and substance abuse will be emphasized. During this class, students will investigate and analyze influences on wellness, examine real-life scenarios, distinguish between facts and myths, and advocate for personal, school and community health. Students will create and apply a personal health plan with goals for improved lifetime health.

PREREQUISITE: Health

.5 credit course

FITNESS FOR LIFE (DHS919)

an elective one-trimester course

This is a course that will involve using a weight room and cardiovascular equipment. The class will be devoted to improving your muscular strength and endurance, flexibility and cardiovascular endurance. The class is limited to no more than 20 students due to class facility and available space (Wellness Center).

PREREQUISITE: 2 trimesters of physical education

.5 credit course

OUTDOOR EDUCATION (DHS922)

an elective one-trimester course

Outdoor education is an outdoor course, as the title implies. Most of the activities will be outside and will include, but are not limited to kayaking, canoeing, mountain biking, rock wall climbing, snow shoeing, cross country skiing and some team and leisure activities. Certain responsibilities will be expected of the students such as wearing life jackets while on the water, wearing helmets when biking, along with following the teacher's guidelines as protocol for your own safety and the safety of others in the class. This class is limited to 12 students due to safety concerns.

PREREQUISITE: 2 trimesters of physical education

.5 credit course

ADVANCED PHYSICAL EDUCATION (DHS917)

an elective one-trimester course

This course puts an advanced spin on team and individual sports. It is available to students in grades 10-12 who have met their physical education requirement. Class size is limited to 24 students so that everyone is allowed ample participation.

PREREQUISITE: 2 trimesters of physical education

.5 credit course

PHYSICAL EDUCATION II (DHS925)

an elective one-trimester course

This is a physical education course that is for Sophomores, Juniors and Seniors, who are trying to fulfill their Physical Education requirement, or who simply want more Physical Education. Class size limited to 24. Full participation is expected.

PREREQUISITE: Sophomore year and beyond

.5 credit course

MATHEMATICS

INTEGRATED ALGEBRA I A and B (DHS1315 and 1316)

Students in this course will use basic skills and simple number theory concepts to do topics in Algebra I and integrate geometry topics of perimeter and area. Students will learn to solve linear equations and inequalities. Student will graph linear equations and work with polynomials. They will solve word problems throughout the year.

PREREQUISITES: 8th grade teacher recommendation
1 credit course

ALGEBRA I A and B (DHS1301 and 1302)

This course is designed for students who have already had some algebra background. Students will be solving linear equations, quadratic equations, and simultaneous equations. They will be applying these to solving word problems. They will also be graphing lines, dealing with slope and intercepts. They will also work with polynomials.

PREREQUISITE: 8th grade teacher recommendation
1 credit course

ADVANCED ALGEBRA I A and B (DHS1303 and 1304)

This is a year long course designed for students who already have mastered some algebra topics and are motivated to work at an advanced level. Solving linear and quadratic equation, and working with polynomials are some of the topics covered. This course will help student think independently, learn new strategies, and build a solid background for more advanced courses. Students will be solving word problems in each of the units.

PREREQUISITE: 8th grade teacher recommendation 1 credit course

INTEGRATED GEOMETRY A and B (DHS1317 and 1318)

This course explores basic notions of Euclidean and non-Euclidean geometries. Integrated Geometry emphasizes math application rather than formal proofs. Algebra skills are reviewed and strengthened through solving real-world math problems. Students use geometric models to represent two and three-dimensional shapes. Students also apply basic theorems to plane geometry, right triangles, trigonometry and coordinate geometry.

PREREQUISITE: at least .5 credit in math
1 credit course

GEOMETRY (DHS1305 and 1306)

This course is designed to improve logic and reasoning skills. Emphasis will be placed on both oral and written proofs. Students will also improve their ability to "define" words and will develop more understanding for the "true/false" statements and reasoning skills. The second trimester covers more of the mathematical geometry such as areas, perimeters, and volumes. This course will use algebra in learning geometry concepts. It is a great course to prepare for Algebra II.

PREREQUISITE: Algebra I
1 credit course

ADVANCED GEOMETRY A and B (DHS1307 and 1308)

Students will be doing proofs, learning much about the truth and falsity of statements, and will spend much time dealing with the algebra and math concepts as they pertain to similarity, perimeter, area and volume of geometric shapes.

PREREQUISITES: recommendation from a teacher
1 credit course

MATHEMATICS, continued

INTEGRATED ALGEBRA II A and B (DHS1319 and 1320)

Students will review concepts from Integrated Algebra I, moving at a more demanding pace. Students will cover exponent laws, radicals, simultaneous equations, functions and solving quadratics. Probability will be integrated throughout the year.

PREREQUISITES: recommendation from teacher

1 credit course

ALGEBRA II A and B (DHS1309 and 1310)

In this course, students will explore, in more detail, some of the topics of Algebra I including solving equations and problem solving. In addition, students will cover more advanced topics including matrices, exponents, radicals, functions, etc. This course will help students think independently, learn new strategies and build a solid background for more advanced courses.

PREREQUISITE: One credit of algebra and one credit of geometry, or by teacher recommendation.

1 credit course

ADVANCED ALGEBRA II A and B (DHS1311 and 1312)

Students will be using their algebra I and geometry background to advance into higher branches of algebra, such as inequalities, algebraic fractions, exponents and radicals, logarithms, complex numbers, functions, and linear coordinate geometry. Students may be exposed to conic sections, arithmetic and geometric sequences and series, combinations and permutations, and probability.

PREREQUISITE: a recommendation from a teacher.

1 credit course

FINANCIAL PLANNING (DHS316)

an elective one-trimester course

This course is designed for any student who wants a real life application of mathematics. The students will learn about different types of taxes, and how to fill out many different types of tax forms like a W-4, 1040EZ and 1040A forms. The students will also learn about the financial planning process, including learning about a budget and actually learning how to make one work. Guest speakers from many areas will come to each of the classes during this time. Speakers from banks, car dealerships, insurance companies, and stores are just a few of the people who will be making presentations. If you want a course where you can finally say, "I am going to actually use all of what I learn here," this is the course for you.

PREREQUISITE: Senior or permission from instructor

.5 credit course

TRIGONOMETRY (DHS329)

an elective one-trimester course

Students in this course will deal with the right triangle, special right triangles and applications of these into the theory of equations.

PREREQUISITE: Algebra II and Geometry

.5 credit course

ALGEBRA III (DHS309)

an elective one-trimester course

Students will deal with topics that they may not have covered in algebra II, geometry, or trigonometry, such as polar coordinates, arithmetic and geometric sequences and series, advanced constructions, statistics, combinations and permutations, probability, and conic sections.

PREREQUISITES: Algebra II and Geometry. Trigonometry is highly recommended.

.5 credit course

MATHEMATICS, continued

CALCULUS A and B (DHS1313 and 1314)

Students in this course will be expected to cover many of the topics that are in a regular calculus course. At the end of the course, students may opt to take the AP Calculus Test for college credit. The class will advance as far as the class can achieve and time and schedule permit.

PREREQUISITE: Students must have a strong background of Advanced Algebra II and Advanced Geometry. Students should have taken or are in the process of taking a course in Trigonometry.

1 credit course

ADVANCED PLACEMENT CALCULUS AB (through Mountain Valley High School) (DHS336)

This course assumes reasonable mastery of concepts and skills discussed and applied in Algebra I, Geometry and Algebra II, and extended in Pre-Calculus or Algebra III. The key concepts introduced, interwoven and applied throughout the course include: elementary functions, limits and continuity, the derivative, the anti-derivative, the definite integral, and the logarithmic and exponential functions. Considerable effort is given to facilitate mastery of all topics via real-world applications and connections, specifically including many geometric, economic, biological, chemical and physics concepts applications. All students will take the AP Calculus AB exam in early May.

INTRODUCTION TO STATISTICS (DHS328)

an elective one-trimester course

This one trimester course focuses on data and statistical reasoning. The course will introduce elementary statistical concepts that provide the necessary foundations for more specialized expertise in areas of statistical data analysis. The course will take advantage of the simulation, graphing and computation capabilities of graphing calculators to promote active learning to give student an understanding of the main ideas of statistics and useful skills for working with data.

PREREQUISITE: 2 math credits

.5 credit course

LINEAR ALGEBRA (DHS324)

an elective one-trimester course

This is a one-trimester course designed to make students comfortable with functions. Students will use technology and informal descriptions to empower them with mathematics as a descriptive problem-solving tool and to reveal mathematics as an integral part of nature, science and society. Students will be able to create and read tables and graphs as well as recognize and find a function to model linear and exponential phenomena.

PREREQUISITE: 2 math credits

.5 credit course

SENIOR MATH (DHS315)

an elective one-trimester course

Students from various backgrounds can take "Senior Math" from Mr. "T" during any of their free periods. Students need to go to room 219 for the class. Mr. T may have a class at that time, but because of the approach he uses to instruct his classes, he can take individual time for students taking Senior Math. Students will sit, get material to work on and "T" will come to work individually with them, as opportunities permit. Students will sit down with "T" before starting the class to decide what units they will be learning. Students will tell T the math classes that they have taken and the grade that they received in each class. Once it is established as to what the student's background is, an outline of a set of units will be organized for the student to complete. This is a course for 1/2 credit in math. Students will receive an incomplete each quarter on their report card, until the units are completed.

PREREQUISITE: Discussion with "T"

.5 credit course

SCIENCE

PHYSICAL SCIENCE A and B (DHS1401 and 1402)

This course is taken by all first year students at Dirigo High School. Concepts and topics covered in this course include atmosphere and weather, matter, the universe, waves, and climate change. This is a lab science course taught with an emphasis on the scientific method.

PREREQUISITE: 1st year student

1 credit course

ADVANCED PHYSICAL SCIENCE A and B (DHS1403 and 1404)

This course is taken by first year students at DHS who are interested in science. Concepts and topics covered include atmosphere and weather, matter, the universe, waves and climate change. Teacher recommendation required.

PREREQUISITE: Teacher recommendation

1 credit course

BIOLOGY A and B (DHS1405 and 1406)

Through lectures, discussions, classroom and laboratory activities, students will explore a variety of topics that will lead to a better understanding of the commonalities and interrelationships between all life forms on this planet. Major topics include the concept of cells, how cells reproduce and cancer develops, genetics and evolution

PREREQUISITE: Physical Science

1 credit course

ADVANCED BIOLOGY A and B (DHS1407 and 1408)

Through lectures, discussions, classroom and laboratory activities, students will explore a variety of topics that will lead to an in depth understanding of cell theory, genetics, evolution theory, classification, and ecology.

PREREQUISITE: successful completion of Advanced Physical Science or Physical Science with Teacher Recommendation

1 credit course

ADVANCED PLACEMENT BIOLOGY (DHS432)

This course is designed to be the equivalent of a two-semester college introductory biology course. The range and depth of the topics cover, the laboratory work, and the time and effort required by students differs significantly from the usual first high school course in biology. The course aims to provide students with the conceptual framework, factual knowledge, and analytical skills necessary to deal with the rapidly changing science of biology.

PREREQUISITE: Successful completion of Advanced Physical Science / Physical Science, Biology / Advanced Biology, Chemistry / Advanced Chemistry or permission of the instructor.

1 credit course

SCIENCE, continued

CHEMISTRY A and B (DHS1409 and 1410)

This is an activity-centered course designed for those students intending to enter vocational school, or a two or four year college in a non-scientific major. It offers a wide range of practical experiences with the fundamental principles of chemistry. Some topics covered include scientific method, properties of matter, chemical bonding, and periodic properties of elements. Students will be expected to participate in class labs, write lab reports, work on group projects, and do a research project.

PREREQUISITE: Successful completion of Advanced Physical Science / Physical Science, Advanced Biology / Biology or by permission of the instructor.

1 credit course

ADVANCED CHEMISTRY A and B (DHS1411 and 1412)

This laboratory course is designed to help students see how chemical principles and concepts are developed from experimental observations and data and how these principles can be used to help explain phenomenon in every day life. Emphasis is given to the development of problem solving skills and the qualitative and quantitative aspects of chemistry. Topics include the properties of matter, atomic theory, gas laws, and using the periodic table for problem solving. Laboratory experiments and reports are required.

PREREQUISITE: Successful completion of Advanced Physical Science / Physical Science, Advanced Biology / Biology or by permission of the instructor.

1 credit course

PHYSICS A and B (DHS1413 and 1414)

This course focuses on Newtonian laws of motion, scalar and vector quantities, forces (gravitational, frictional, and nuclear), waves, and light. The student will learn the skills of problem solving methods, investigative procedures, and written representation of laboratory data and its analysis. Trigonometric functions (sine, cosine, tangent, etc.) and geometric principles (Pythagorean Theorem, etc.) will be utilized. In comparison to Advanced Physics, this course will be slower paced, giving students greater time to grasp the broader concepts; mathematic skills are needed, but the amount and level is less.

PREREQUISITE: Successful completion of Physical Science / Advanced Physical Science, Advanced Biology / Biology, and Chemistry / Advanced Chemistry or by permission of the instructor.

1 credit course

ADVANCED PHYSICS A and B (DHS1415 and 1416)

Designed for the college bound student with a special interest in science and/or math, this course provides an in-depth focus into Newtonian laws of motion, scalar and vector quantities, forces (gravitational, frictional, and nuclear), waves, and light. The student will learn the skills of problem solving methods, investigative procedures, and written representation of laboratory data and its analysis. Trigonometric functions (sine, cosine, tangent, etc.) and geometric principles (Pythagorean's Theorem, etc.) will be utilized frequently.

PREREQUISITE: Successful completion of Physical Science / Advanced Physical Science, Advanced Biology / Biology, and Chemistry / Advanced Chemistry or by permission of the instructor

1 credit course

SCIENCE, continued

ANATOMY & PHYSIOLOGY A and B (DHS1417 and 1418)

Students will explore human systems with regard to the basic structure and function of each. An emphasis is placed on understanding the importance of maintaining homeostasis within the human body. Hands on laboratory experiences will enhance class discussions.

PREREQUISITE: Successful completion of Physical Science / Advanced Physical Science and Advanced Biology / Biology or by permission of the instructor.

1 credit course

FORENSIC SCIENCE A and B (DHS1419 and 1420)

This course is designed for students who are interested in the use of science to solve crimes. Emphasis is placed on the development of critical thinking and problem solving skills using forensic science techniques. This is a hands-on, minds-on course where scientific methods are used to solve crime scene scenarios.

PREREQUISITE: Successful completion of Physical Science / Advanced Physical Science and Advanced Biology / Biology or by permission of the instructor.

1 credit course

ENVIRONMENTAL SCIENCE A and B (DHS1421 and 1422)

This course is designed for any student who is interested in analyzing the various interactions taking place between modern humans and their environment. Emphasis is placed on the ecosystem concept and energy usage. It offers a broad view of how individuals and societies utilize the earth's resources and directly influence the environment. Topics covered include population growth, biomes, air, water and land pollution, and energy alternatives.

PREREQUISITE: Successful completion of Physical Science / Advanced Physical Science and Advanced Biology / Biology or by permission of the instructor.

.5 credit course

OCEANOGRAPHY (DHS422)

an elective one-trimester course

Through lectures, discussions, individual projects, laboratory activities and classroom activities, students will explore a variety of topics that will lead to a better understanding of the physical aspects of the ocean. Major topics will include, but are not limited to, history of oceanography, formation of oceans, physical characteristics of oceans, currents, tides, and human impact on the ocean.

PREREQUISITE:

.5 credit course

MARINE BIOLOGY (DHS419)

an elective one-trimester course

Through lectures, discussions, individual projects, laboratory activities and classroom activities, students will explore a variety of topics that will lead to a better understanding of the biological aspects of the ocean. Major topics will include marine habitats, marine vertebrates and invertebrates, and human impact on marine life.

PREREQUISITE:

.5 credit course

SOCIAL STUDIES

WORLD STUDIES A and B (DHS1201 and 1202)

required of all freshmen

Students will explore the historical roots of global current events through the study of Africa, Asia, Latin America, and Europe. Based on themes, students will view the past through the lens of geography, history, government, and economics. Beyond the text, students will sharpen their skills of inquiry, utilizing and interpreting primary and secondary sources, maps, images, charts and graphs. Consistent with all social studies courses, research will be a significant element of the course. (This course may be replaced with Advanced World Studies.)

PREREQUISITE: None (Freshmen status)

1 credit course

ADVANCED WORLD STUDIES A and B (DHS1203 and 1204) optional replacement for World Studies

Students will deeply explore the historical roots of global current events through the study of Africa, Asia, Latin America, and Europe. Based on themes, students will view the past through the lens of geography, history, government, and economics. Beyond the text, students will sharpen their skills of inquiry, utilizing and interpreting primary and secondary sources, maps, images, charts and graphs. Consistent with all social studies courses, research will be a significant element of the course.

PREREQUISITE: Teacher recommendation

1 credit course

U.S. HISTORY I A and B (DHS1205 and 1206)

required of all sophomores

Students explore American history from colonial America to the 1880's. (This course may be replaced with Advanced U.S. History I.)

PREREQUISITE: None

1 credit course

ADVANCED U.S. HISTORY I A and B (DHS1207 and 1208) optional replacement for U.S. History I

This advanced course in American history is designed for capable students who wish to study American history in greater depth. The course will cover material from colonial America to the 1880's. The material draws from a variety of disciplines allowing the student to learn the complexity of history. The student is responsible for more independent work and for providing integrated interpretations of the material presented. Students are required to complete summer homework. This course prepares students for A.P. US History, which is taken during their junior year.

PREREQUISITE: Teacher recommendation

1 credit course

U.S. HISTORY II A and B (DHS1209 and 1210)

required of all juniors

Students explore American history from the 1880's to the present. (This course may be replaced with Advanced Placement U.S. History.)

PREREQUISITE: U.S. History I

1 credit course

SOCIAL STUDIES, continued

A.P. U.S. HISTORY (DHS212)

optional replacement for U.S. History II

This Advanced Placement course in American history is designed for capable students who wish to study American history in greater depth. The material draws from a variety of disciplines allowing the student to learn the complexity of history. The student is responsible for more independent work and providing integrated interpretations of the material presented. Students are required to complete summer homework. The course culminates in a standardized exam created by the College Board. Successful completion may result in the student being eligible for college credit or course waivers.

PREREQUISITE: Teacher recommendation

1 credit course

AMERICAN GOVERNMENT (DHS210)

required of all seniors

This course is designed to encourage students to become contributing, knowledgeable, rational citizens. Students will study the origins and development of democratic ideas, the U.S. Constitution, and the process of federal, state, and local governments. (This course may be replaced with A.P. Government.)

PREREQUISITE: Successful completion of US History I and II

.5 credit course

A.P. GOVERNMENT (DHS211)

optional replacement for American Government

Advanced Placement American Government is a year-long class taught at an accelerated level for students who will take the Advanced Placement exam. The exam, which is given in May, gives students who pass the test, college credit. Because of demands of the course, students are expected to read a greater amount of material from the text and supplementary readings.

PREREQUISITE: Teacher recommendation

1 credit course

ECONOMICS (DHS215)

required of all seniors

What do all Americans participate in daily but know very little about? Economics: the allocation and distribution of resources. This course will provide discussion and short projects over the characteristics of economics and how they relate to you. The class will cover such weighty topics as “supply and demand,” government regulation, economic incentive, market systems, and more.

PREREQUISITE: 9th-11th grade social studies or by permission of the instructor

.5 credit course

A.P. WORLD HISTORY (DHS201)

This advanced placement course in World History is designed for capable students who wish to study World History in greater depth. The material draws from a variety of disciplines allowing the student to learn the complexity of history. The student is responsible for more independent work and providing integrated interpretations of the material presented. Students are required to complete summer homework. The course culminates in a standardized exam created by the College Board.

PREREQUISITE: Successful completion of World Studies and summer homework.

1 credit course

SOCIAL STUDIES, continued

A.P. EUROPEAN HISTORY (DHS243) (through Mountain Valley High School)

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

PSYCHOLOGY (DHS223)

an elective one-trimester course

Psychology is designed to give students an introduction to the study of psychology as a social science and as a practical approach to understanding the mind and behavior. Students will become familiar with some of the larger concepts and theories of the field as well as attempt to utilize each topic in terms of the real world.

PREREQUISITE: Interest in the subject matter

.5 credit course

IMAGES OF WAR (DHS218)

an elective one-trimester course

This course reviews U.S. military history, strategy and tactics from colonial times to the present through the use of film. Examination of causes, immediate effects and long-term repercussions of war will also be represented. World War II will be the baseline to compare conflicts before and after in terms of technological and cultural change. Basic military jargon, equipment, training will be highlighted. The video representations of various conflicts will be used as a starting point for critical discussion and research. This will be a discussion and project-based class with daily writing. No textbooks. Class participation can be expected as part of grading, and computer access is required.

PREREQUISITE: none

.5 credit course

SPEECH AND DEBATE (DHS214)

an elective one-trimester course

This is a beginner's course in "civilized arguing." This course will combine the fine art of competitive debate with the skill of organized speaking. The student will learn the format for Lincoln-Douglas style, or individual one-on-one debate. Constructing a cohesive and civilized argument will be stressed. Philosophy, research and critical thinking skills will be discussed daily since debate also means understanding all sides of an argument. In-class competition is required and the fall will feature statewide competition as an option. College bound students will find this course to be very useful.

PREREQUISITE: Interest in the subject matter

.5 credit course

HOLOCAUST (DHS256)

an elective one-trimester course

The Holocaust, Hitler's incarceration, torture, and murder of millions of Jews, before and during World War II, shocked and dismayed the world. The Holocaust forced the world to study racism, intolerance, and barbarity. This course will exam the history of the time period through literature, research, movies, and discussions.

PREREQUISITE: none

.5 credit course

SOCIAL STUDIES, continued

20th CENTURY AMERICA (DHS200)

an elective one-trimester course

This course starts at the turn of the century. Through the use of television, filmstrips, videotapes, books and records, students follow the more modern history of the United States to explore the effect of World War I, the Depression, and World War II on our society. Students trace the evolution of modern history including units on the 50's, 60's, 70's, 80's, 90's, Persian Gulf and the present.

PREREQUISITE: Interest in the subject matter

.5 credit course

A RIVER VALLEY CIVILIZATION (DHS245)

an elective one-trimester course

Students will utilize primary and secondary sources as well as community resources to explore local history. Students will sift through evidence within reach in an effort to explore and examine that which makes the Dirigo community unique. Activities will include field trips to local sources of evidence including, but not limited to, the Dixfield Historical Society, cemeteries and community landmarks.

PREREQUISITE: Interest in the subject matter

.5 credit course

EXPLORING WORLD CULTURES (DHS500)

This course offers students an opportunity to explore a variety of world cultures, focusing on systems of beliefs and values that guide behavior and are shared by a group of people. Exploration through a variety of online resources, readings and film will be the focus of class discussion. Includes two presentational projects on a country and influential person of student's choice.

PREREQUISITE: None

.5 credit course

VOCATIONAL TECHNOLOGY

SMOKE, FIRE and FLAMES (DHS848)

an elective one-trimester course

This is an intro level class in welding. Welders are in great demand, not only in the United States, but all over the world. Good welders not only get paid well, but can find work nearly anywhere. With the current technologies for extracting natural gas, shale oil and the need for creating pipelines for distribution of these products, the future for welders is wide open. Learn the basics and perhaps become very good at Oxy- Acetylene processes, MIG, TIG, "Stick" and using the Plasma cutter in this class. If you are interested in working with other art media, you will learn to create with metal in this class as well. This class is project oriented.

PREREQUISITE: None

.5 credit course

VOCATIONAL TECHNOLOGY, continued

WOODWORKING (DHS819)

an elective one-trimester course

This course will allow the student who enjoys hands on activities, to develop the skills necessary to produce small furniture and woodcraft products. Safety and craftsmanship will be stressed throughout. This class is suited for all levels of woodworking experience. This course satisfies the fine arts requirement.

PREREQUISITE: None

.5 credit course

HOW TO BUILD A HOUSE 101 (DHS850)

an elective one-trimester course

You will learn the basics of how a typical house is built by actually doing it. Students work in small teams (2 to 3 students) to build a small house module. Your “tiny” home will be a corner section of what could be a typical residential structure. You will use the most current techniques and tools to build this. You will learn about framing, flooring, insulation, plumbing, electrical, drywall and roofing by doing. Safety in using pneumatic nail guns and power tools will be incorporated as well.

PREREQUISITE: None

.5 credit course

YOU and YOUR CAR (DHS846)

an elective one-trimester course

Are you interested in how your car works? This class is an entry-level class for anyone who has a car or expects to own one eventually. If you know nothing about automotives or even if you have some knowledge already, you will gain from this class. Basic requirement is an interest or curiosity about how an automobile works. We also take a variety of local field trips to visit automotive businesses. Several guest speakers will also visit our class to teach our class on areas of their expertise.

PREREQUISITE: None

.5 credit course

BASIC AUTOMOTIVE BODYWORK (DHS849)

an elective one-trimester course

Automotive bodywork is another area of high demand in the work place. Automotive collision centers, dealerships and small body shops are finding it more and more difficult to find skilled people. Scarcity for skilled workers means job security and higher wages for those who have the skills. This class is a good place to start if you would like to learn more about automotive bodywork. Learning to do the job right can also save you lots of money on your own vehicles.

PREREQUISITE: None

.5 credit course

ROBOTICS (DHS851)

an elective one-trimester course

This is an entry-level class in the constructing and programming of robotics. Using the VEX robot kit platform, you will build and create a program that will allow the robot to perform multiple tasks. These advanced robots have sensors that allow them to see, feel and hear in addition to the basic programming inputs that the programmer creates. Experience in this area opens many doors, both to colleges and to many companies that are looking for people with basic programming skills and an interest in pursuing a career in this area - right now!

PREREQUISITE: None

.5 credit course

WORLD LANGUAGES

WORLD LANGUAGE SEMINAR (DHS509/DHS510)

This course is designed for the student with little or no previous study of Spanish or French. The course will deal with the basic elements of speaking, reading, writing and comprehension of French and Spanish with students taking one trimester of each language. During the course, students will work intensively on grammatical structure of language. They will create a final product that reflects trimester-long work.

PREREQUISITE: A basic knowledge of English grammar
1 credit course

FRENCH II A and B (DHS1501 and 1502)

French II is a continuation of World Language Seminar. Students will be expected to strengthen their ability to read, write, listen and speak at a novice level in the target language through the lenses of communication, culture, connections, comparisons, and community. Students will have frequent assessments in grammar, vocabulary, and pronunciation.

PREREQUISITE: Successful completion of WLS French or one year of French
1 credit course

SPANISH II A and B (DHS1503 and 1504)

Spanish II is a continuation of World Language Seminar. Students will be expected to strengthen their ability to read, write, listen and speak at a novice level in the target language through the lenses of communication, culture, connections, comparisons, and community. Students will have frequent assessments in grammar, vocabulary, and pronunciation.

PREREQUISITE: Successful completion of WLS Spanish or one year of Spanish
1 credit course

FRENCH III A and B (DHS1505 and 1506)

French III is a continuation of French II. Students will be expected to strengthen their ability to read, write, listen and speak in the target language at an intermediate level through the lenses of communication, culture, connections, comparisons and community. During the course, students will look at French culture through art, literature, poetry, music, film and current online resources.

PREREQUISITE: C or better average in French II
1 credit course

SPANISH III A and B (DHS1507 and 1508)

Spanish III is a continuation of Spanish II. Students will be expected to strengthen their ability to read, write, listen and speak in the target language at an intermediate level through the lenses of communication, culture, connections, comparisons and community. Students will have frequent assessments in grammar, vocabulary and pronunciation.

PREREQUISITE: C or better average in Spanish II
1 credit course

WORLD LANGUAGES, continued

FRENCH IV A and B (DHS1509 and 1510)

This course is designed to be a continuation of language studies requiring students to work toward conversing entirely in French while in class. Students will be expected to strengthen their ability to read, write, listen and speak in the target language at an intermediate to advanced level. There will be major emphasis placed on reading and discussion of cultural topics.

PREREQUISITE: C or better average in French III

1 credit course

SPANISH IV A and B (DHS1511 and 1512)

This course is designed to be a continuation of language studies requiring students to work toward conversing entirely in Spanish while in class. Students will be expected to strengthen their ability to read, write, listen and speak in the target language at an advanced level through the lenses of communication, culture, connections, comparisons and community. Students will have frequent assessments in grammar, vocabulary and pronunciation.

PREREQUISITE: C or better average in Spanish III

1 credit course

SERVICE CREDITS

All students are required to acquire a .5 credit in service either through one of the following opportunities in school or through a documented community service project. While students may choose to participate in more than the minimum one trimester of service credit, only one trimester will count as credit towards graduation.

ATHLETIC DIRECTOR AIDE

Students will assist the A. D. with organization of equipment, field preparation, etc. The individual must be dependable and have a good attendance record the previous trimester.

.5 credit course

BUILDING AIDE

Students will be assigned to assist the custodian in the regular maintenance duties associated with the school such as raking, setting up for and taking down from lunch, cleaning locker rooms and other duties as assigned.

.5 credit course

LIBRARY AIDE

Serving as a library aide requires three basic elements - honesty, initiative, and flexibility. Students are expected to process books, monitor the use of the computer resources, assist students in accessing information, and perform other tasks as requested.

.5 credit course

STUDENT SECRETARY

Students will assist the office secretaries with all office procedures including answering phones, filing, photocopying, etc. Students must be polite and represent the school well.

.5 credit course

SERVICE CREDITS, continued

TEACHER AIDE

Students work with a teacher assisting in class/lab preparation, research, and other duties the teacher feels are appropriate.

.5 credit course

KITCHEN AIDE

Students will work in the kitchen preparing lunches, inventorying stock, and otherwise assisting the cafeteria staff.

.5 credit course

DIRIGO ALTERNATIVE EDUCATION

Dirigo Alternative Ed is a program for students who are at risk for not graduating from high school. Some indicators of an at risk student include: failing most or all classes; falling far behind in credits; truancy; poor socialization skills; lacking enthusiasm for school; pregnancy and parenting issues; and considering dropping out of high school.

Alt Ed is designed to offer an alternative to students who are academically capable but are not succeeding in the traditional high school setting. The program works best for students who are capable of doing schoolwork; have some desire to learn and work, even if that desire is nominal; and/or need a more flexible school environment. The goal of the program is to help students get back on track for graduation by providing a focused setting with more student/teacher interaction, smaller class sizes, and an opportunity for community based experience.

Dirigo Alternative Ed is an academic program where the students are expected to attend school, behave properly, do their work, earn credits, and graduate from high school. The curriculum will consist of both academic and life skills programming. Alt Ed students may be from both DHS and BJSHS. They are eligible to participate in all sending school activities, and upon successful completion of all graduation standards, can march at graduation and will receive a high school diploma.

The referral process is as follows: A student can be referred by a teacher, parent, administrator, guidance counselor or him/herself. Referral and applications are filled out and turned in to DHS main office (562-4251). A team meeting is scheduled, which may include the student, parent, administration, teacher, and person referring. If student meets the qualifications, a trial period follows. If the student is accepted into DA an individualized Alternative Educational Plan (AEP) is developed. Annual reviews of progress are made every spring to determine future placement.

REGION 9 SCHOOL OF APPLIED TECHNOLOGY

Region 9 offers students from Dirigo High School, Telstar Regional High School, and Mountain Valley High School the opportunity to gain technical skills in the following areas:

- **Automotive Technology I & II**
- **Building Construction I & II**
- **Business Academy**
- **Certified Nursing Assistant**
- **Commercial Truck Driving**
- **Computer Technology**
- **Culinary Arts**
- **Early Childhood Education I & II**
- **Fire Science I & II**
- **Forestry/Wood Harvesting/Heavy Equipment I & II**
- **Metal Trades I & II**
- **Employability Skills**

Programs are available for four periods on alternate days. Some courses are two school years, and others are for a single school year. Courses are designed for juniors and seniors, but many programs can accept sophomores if space is available. Students are awarded 3.5 credits from their sending school for work completed at Region 9.

Transportation to and from each sending school is provided daily. Students can bring a lunch from home or pick up a bag lunch from the cafeteria of their sending school. Some courses require appropriate dress including protective hats and shoes.

SkillsUSA is an active extracurricular activity at Region 9. This student organization promotes leadership, community service, and skills competitions at the state and national levels. Additionally, Forestry students participate in the state Woodsmen's Meet; and Commercial Truck Driving students have the opportunity to participate in the state high school truck rodeo.

Students and parents are invited to come to Region 9 and spend time in courses of interest. The instructors, director and student services coordinator are available to meet with individuals to discuss how participation in Region 9 can help a student meet his/her career goals. Call 364-3764 for more information. The Region 9 address is 377 River Road, Mexico.

LIBRARY SERVICES

The Library/media center is open each day from 7:30-2:45. Students are encouraged to let the librarian know if they need additional library time before and after school. The librarian is available at all times to work with each student on an individual basis. Students may come to the library from classes or learning labs.

A wide collection of materials, which support and enhance the curriculum, including fiction, non-fiction, research books, periodicals, CD's, audio books and e-books are available for student use. The media center also is home to two dedicated electronic card catalog stations and two computers with Internet access. Through these computers, students can access the automated card catalog which includes subscriptions to MARVEL: Maine's Virtual Library of subscription databases, The Gale Reference Library, Opposing Viewpoints database, and the Teen Health and Wellness database. The automated catalogs from all the libraries in the RSU can also be accessed from the Internet. These sources may also be used from home computers at <http://10.10.1.45>. Passwords are available in the Library. Interlibrary loan services are also available in the library.

The library webpage has links to all the subscription services as well as current information on new books, good reads, citing sources, making reference lists, helpful websites, class pathfinders, and much more. This may be accessed on the Internet from home or school at http://www.dirigoes.org/~dhslibrary/Dirigo_High_School_Library/Home.html.

MISCELLANEOUS OPPORTUNITIES

Several miscellaneous opportunities are available to Dirigo High School students as part of, or as an extension of, the school day. The following is a sample list and description of potential opportunities.

Work Release Program for Seniors

Dirigo High School will allow seniors to attend classes on a part-time basis under the work release program. The purpose of the program is to allow seniors the opportunity to gain experience in a career of interest and/or earn extra money to meet growing college expenses. This program does not carry credit toward graduation. The following criteria must be met:

- Seniors must have accumulated 19 or more credits.
- Credits to be earned must be required courses and not make-up courses.
- A Work Release Application must be completed and signed by the employer, parent, student and principal.
- Approval for the plan must come from the Guidance Counselor.
- Students who fail more than one class at either interim or quarter reports, are ineligible for this program.
- Students do not receive credit for work release.

Seniors in work release programs must submit a work schedule to be placed on file with the Guidance Director. Work sites will be asked to document student's attendance. Dirigo High School reserves the right to deny the program at any time if the work release program interferes with student's academic progress.

MISCELLANEOUS OPPORTUNITIES, continued

Early College Courses for Juniors and Seniors

Students may enroll in college level courses and receive both college credit and Dirigo High School credit for a passing grade in the class. Many opportunities exist for free or dramatically reduced tuition. Some of the programs are listed below. Interested students should check in the Guidance Office.

- Academ-e: Online courses through the University of Maine
- Rural U: Online courses offered through UMFK
- Central Maine Community College: College courses offered at Region 9, Telstar High School and/or at CMCC Auburn.
- University of Maine Augusta/University College Rumford-Mexico Center: College courses offered onsite.
- Bates College High School Scholars Program: College courses offered onsite.

Virtual High School (VHS)

Choose from over 200 different classes at Standard, Honors or Advanced Placement(AP) levels. Classes such as Starting Your Own Business; Horror, Mystery and Science Fiction Literature; Sports and American Society; Meteorology; Criminology; Computer Animation and Effects, and much, much more await you.

Check out www.govhs.org for the updated list.

All classes are asynchronous, meaning you can log on and do the work at any time of the day or night. There are both half year and full year courses.

Some classes are for particular grade levels, and some have prerequisites, but most are open to any high school student with the desire and motivation. Course work varies between 5-12 hours per week, depending on the level.

VHS students are expected to attend and participate in their NetCourses as fully as they would any traditional classroom course. All assigned work should be completed in a timely fashion, and students must actively participate in course discussions.

Time management and self-motivation are essential skills for success in a VHS course. Parameters for taking VHS Courses:

- VHS courses may not replace required classes taught at DHS.
- Classes already taught at Dirigo as an elective may not be taken through VHS.
- If an Advanced Placement (AP) class that is not offered at Dirigo is taught through the online Maine AP4ALL program as well as through VHS, you must take it through AP4ALL.
- For more information, go to www.govhs.org, or see Mrs. Whittemore.

AP4ALL

AP4ALL offers online, year-long AP courses taught by teachers in other high schools in Maine. All classes are asynchronous, which means that you do not have to be online monitoring the class or doing work at any particular time. The information and parameters for AP4ALL courses are very similar to that of Virtual High School courses listed above.

For information about any Early College or Online High School programs, please see the Guidance Office.