

English

Reading:

Students will improve their reading and writing skills. They will be given opportunities to read a wide range of texts, participate in meaningful learning tasks, and be allowed to explore, collaborate, and work independently.

English 9

This course focuses on written and oral communication skills, while strengthening ability to understand and analyze literature in a variety of genres. Students read an array of short stories, poetry, drama, novels, autobiographies, essays, and speeches. The course guides students in close reading and critical analysis of classic works of literature, and helps them to appreciate the texts and the contexts in which the words were written. Students also build on grammar, usage, and mechanics.

English 10

This course is the exploration of different genres all related to a relevant and meaningful essential question. Students will engage in activities that lead to critical thinking/analysis, discussion, and writing.

American Literature 11/12

With the information that is available to us at all times in the world we live in, there are basic reading and writing skills that are necessary, regardless of which field we pursue. This class is designed to instruct students in the reading and writing skills necessary for success in the classroom and in the world outside these walls after graduation. Students will read a variety of literature including *The Crucible*, *A Raisin in the Sun*, *The Great Gatsby*, *I Know Where the Crawdad Sings*. Students will also complete a variety of writing assignments including personal narratives, argumentative essays, and explanatory essays. Students will also have the opportunity to work in small groups on a variety of projects.

World Literature 11/12

With the information that is available to us at all times in the world we live in, there are basic reading and writing skills that are necessary, regardless of which field we pursue. This class is designed to instruct students in the reading and writing skills necessary for success in the classroom and in the world outside these walls after graduation. Students will read a variety of literature including *Beowulf*, *Macbeth*, *Hamlet*, *Lord of the Flies*, *Animal Farm*, and *The Tattooist of Auschwitz*. Students will also complete a variety of writing assignments including personal narratives, argumentative essays, and explanatory essays. Students will also have the opportunity to work in small groups on a variety of projects.

Math

Algebra 1

Designed to give students a foundation for all future mathematics courses. The fundamentals of algebraic problem-solving are explained. Students will explore: foundations of Algebra, solving equations, solving inequalities, an introduction to functions, linear functions, systems of equations and inequalities, exponents and exponential functions, polynomials and factoring, quadratic functions and equations, radical expressions and equations, and data analysis and probability.

Geometry

This course is designed to emphasize the study of the properties and applications of common geometric figures in two and three dimensions. It includes the study of transformations and right triangle trigonometry.

Algebra 2

The third high school math course that uses problem-solving strategies, questioning, investigating, analyzing critically, gathering and constructing evidence, and communicating rigorous arguments justifying their thinking.

Financial Literacy

Purpose is to empower students with knowledge and application of basic financial principles so that they can make sound financial decisions for life. Academic skills, such as communication, mathematics, reading, research and writing, are utilized throughout the course. Student develop problem-solving skills and collaboration skills through individual and group activities. Financial topics include saving, budgeting, debt, consumer awareness, bargain shopping, life after high school (education/training) investing and retirement, insurance, money and relationships, careers and taxes, and giving

Science

Earth Science

The goal of Earth Science is to introduce students to the Earth and Earth's systems: Weather, oceanography, volcanoes, earthquakes, rocks and minerals, environmental issues, and astronomy are all covered as part of this class.

Biology

Biology, the study of living things, is an introductory life science course that explores the principles of modern biology.

Chemistry

Chemistry is the study of the structure and composition of matter that makes up the world around us. Chemistry also deals with the study of the changes of matter and the mechanisms by which changes occur. This class cover topics such as matter, chemical reactions, solutions, and nuclear chemistry.

Biology 2

An advanced study of living things that explores principles of modern biology. Topics of study include ecology and environmental issues and human anatomy and physiology.

Physics

Physics is the study of motion, electricity, sound and light. Students focus on collecting scientific data on velocity, acceleration, gravity, Newton's Laws of Motion, vectors, momentum, energy, heat, sound, light, electricity and magnetism. This course emphasizes applying physics knowledge to engineering practices and solutions.

History

United States History

The exploration of United States history from Reconstruction to the present.

World History

An in-depth study of our global community's past, emphasizing the people and events that changed past societies, and how these changes affect our modern society.

Government / Economics

This class will be an introduction to the foundations of American government checks and balances, separation of powers, judicial review, federalism and the Constitution. Second semester will focus on both Micro and Macroeconomics. The class will focus on markets, international relations and basic money management.

Physical Education

9th Grade PE

This course allows students the opportunities to learn and practice the components of fitness through a variety of fitness activities.

9th Grade Health

A course that explores the parts, strategies, and resources of Health/Wellness in an attempt to educate students how to lead healthy lives and make positive choices.

Electives

Lifetime Fitness

A course in which students have the opportunity to explore different exercise activities and techniques. Through these opportunities students can select which activities best suit them, while also helping students understand the value of continuing these activities in their adult life.

Advanced PE

A course in which students can explore and practice sports specific techniques that include strength, speed, agility, power, and individual sport skills.

Science & Technology (Semester course)

A science enrichment elective using different scientific topics not usually covered in core science classes, and works on students' abilities to investigate and analyze different concepts.

Business Computers (Semester course)

The purpose of this class is to continue to build upon previous computer software knowledge. We will be building our typing skills and computer knowledge utilizing Microsoft Office Programs, Google G Suite Applications, and Internet Browsers. Students will learn topics in each of these areas to provide the basic skills that will be utilized throughout high school and life afterwards.

Band

This is a class designed to review middle school band skills and increase musical skills so that students may participate in post-high school music.

Music (Semester course)

This class teaches students basic music knowledge, various music genres, and how music has evolved over the years.

Life Skills

Students will be taught and given opportunities to practice the skills needed as they mature and encounter multiple responsibilities. These skills will assist them with the transition into their post-secondary lives.

French

This course has been designed to reflect the philosophy and goals found in both the national standards, Standards for Foreign Language Learning in the 21st century. The overall objectives of the French 1 course are to develop, reinforce, and refine proficiency in the three modes of communication. Through an essentially inductive approach, students will gain an understanding of how the language is structured and how they can use this knowledge to express their own needs and talk about the world around them. By developing and refining their skills of observation, students also acquire a basic understanding and appreciation of the diversity of cultures in the French - speaking world. For advanced students we expand on being able to speak in different tenses and being able to make inferences from short essays, news articles, etc.

History through Film (Semester course)

Students will watch films and documentaries which focus on topics which align with state standards for history, geography, and international studies. Students will write reactions to specific films and express opinions and reactions to the movie and how they think the movie illustrated and connected to the state standards.

History of Sports (Semester course)

Examination of the development of sports in America, from the colonial period to the present. Students will explore how unorganized and impromptu athletic activities were transformed into spectator sports at the collegiate and professional level, and the ways in which sports reflected and informed issues of race, class, gender, ethnicity and international politics. Specific topics include: the transformation of “blood sports” into acceptable athletic pursuits, such as boxing; amateurism and the rise of athletic clubs; baseball’s popularity during the first half of the twentieth century; sports heroes of the 1920s and 1930s; women’s sports; racial segregation in sports; athletic rivalries during the Cold War; and the globalization of American sports. Students will also examine important events in sports history, including the 1919 Black Sox scandal, the bouts between Joe Louis and Max Schmeling, the racial integration of major sports leagues, the creation of free agency, the establishment of Title IX, and the American-led boycott of the 1980 Moscow Olympics. The course will consist of films, readings, lectures and discussions.

Art

General Art class for students that have already completed Art 1-Intro to Art. Students will explore a variety of 2D and 3D mediums through project-based learning. Full year course.

Art 1 (Semester course)

This is an introductory art class with the main emphasis on drawing and painting techniques. Other mediums are explored where time is allowed. Semester course.

Ceramics

This course allows students a year long course in an introduction to Ceramics - many basics including hand-building and glazing techniques in the first semester and more advanced techniques such as learning how to throw on the pottery wheel and developing the artist's style in second semester. Full year course.

Wood Shop

Woodworking is a course designed to introduce students to general woodworking practices. Students will expand their knowledge and experience through various projects, lessons, and vocabulary. Students will be expected to learn about and safely use hand tools, power tools, and woodworking machinery. The projects are designed to give students as much experience as possible by using many different machines and tools. The projects will also cover as many aspects of the building and woodworking industries.

SAT Prep (Semester course)

This course teaches students test taking skills and reviews content which would be covered on the SAT test.

Community Connection (formerly Transition Central)

North Ed offers two support services to supplement the transition services offered by the local district for students with an Individualized Education Plan:

Work Experience: a type of work-based learning for students to gain valuable hands-on skills within the community setting. A North Ed job coach and up to three students are assigned a job site within the community.

Community Connection: a class hosted on the North Ed Community Connection for current high school students to attend and receive instruction by a certified teacher following the Brigance Transition Curriculum.

Career Tech

These programs are offered for eligible juniors and seniors and take place at the Career Tech Center in Traverse City.

Link for Career Tech Programs: <https://www.northwested.org/career-tech/programs/>