

**Northport Public School
Course Catalog
2020-2021 and Beyond**



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WELCOME

Northport Public School is a small, rural school located at the tip of the Leelanau Peninsula in Northwest Lower Michigan. Our small class sizes promote individualized attention for every learner and remains a point of pride for the board and members of the community.

In our focus to help every student exceed their potential in Language Arts, we offer a comprehensive, leveled literacy program K-12. We continue to work at and evaluate our math program to maximize student learning and to prepare all of our students for postsecondary education and the world of work. Student academic growth is measured daily in classes, but also three times yearly through the use of AIMSweb and NWEA measures, as well as the new State test, the M-STEP.

Although we are a small school, we have many offerings that make Northport a great place for students. Drama, Art, Music, Spanish, and a 1:1 technology program K -12 are some of the additional options that are points of pride in our District. We offer varsity and junior varsity sports in soccer, basketball, and volleyball, with opportunities in other sports made available through cooperative agreements with neighboring schools. Our after school program includes a healthy snack, academic opportunities, and transportation home at NO COST to working parents. Finally, the Northport Promise enables students to earn scholarships up to \$2000 per year, renewable as long as the students' GPA remains at an acceptable level.

I hope that you take the time to investigate our District further. If you like what you see, I would encourage you to contact us for a tour of the school and a chance to ask further questions if you have them. I look forward to the opportunity to meet with you and to show you all of the great things Northport Public School has to offer.

Neil Wetherbee , Superintendent

CONTACT INFORMATION

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MISSION & VISION

Mission Statement:

The mission of Northport Public School is to equip students with the skills and knowledge necessary to succeed in a globally connected world.

Vision Statement:

Through collaboration and student produced evidence of learning, the students of Northport Public School will understand the world around them and be able to use their skills and knowledge to be successful citizens in the 21st century and beyond.

ELEMENTARY COURSES

All courses align with the standards, benchmarks, and grade level expectations as outlined by state and national curriculums using a Board approved curriculum. Courses below are offered for grade promotion.

Grade Level

Course Name	Course Number	Course Description
Kindergarten	00	Following Common Core State Standards (CCSS), Next Generation Science Standards (NGSS) and Grade Level Content Expectations (GLCE) for Social Studies as outlined by the Michigan Department of Education using a Board approved curriculum.
First Grade	0001	Following Common Core State Standards (CCSS), Next Generation Science Standards (NGSS) and Grade Level Content Expectations (GLCE) for Social Studies as outlined by the Michigan Department of Education using a Board approved curriculum.
Second Grade	2	Following Common Core State Standards (CCSS), Next Generation Science Standards (NGSS) and Grade Level Content Expectations (GLCE) for Social Studies as outlined by the Michigan Department of Education using a Board approved curriculum.
Third Grade	3	Following Common Core State Standards (CCSS), Next Generation Science Standards (NGSS) and Grade Level Content Expectations (GLCE) for Social Studies as outlined by the Michigan Department of Education using a Board approved curriculum.
Fourth Grade	4	Following Common Core State Standards (CCSS), Next Generation Science Standards (NGSS) and Grade Level Content Expectations (GLCE) for Social Studies as outlined by the Michigan Department of Education using a Board approved curriculum.
Fifth Grade	5	Following Common Core State Standards (CCSS), Next Generation Science Standards (NGSS) and Grade Level Content Expectations (GLCE) for Social Studies as outlined by the Michigan Department of Education using a Board approved curriculum.

Electives

Course Name	Course Number	Course Description
Art	9999	Following the Standards, Benchmarks, and Grade Level Content Expectations as outlined by National Visual Art Standards using a Board approved curriculum.
Gym	9997	Following Michigan Model for Health Standards as outlined by the Michigan Department of Education using Board approved curriculum.
Media/ Library	9994	Following the competencies and standards outlined by the International Society for Technology Education (ISTE-S) "Standards for Students," adopted by the Michigan Department of Education as the Michigan Integrated Technology Competencies for Students (MITCS) using a Board approved curriculum.
Music	9995	Following the Standards, Benchmarks, and Grade Level Content Expectations for Visual Arts, Music, Dance, and Theatre as outlined in the Michigan Department of Education.
Spanish	9996	Following the Standards for Foreign Language Learning in the 21st Century as outlined by the Michigan Department of Education using a Board approved curriculum.

MIDDLE SCHOOL COURSE OFFERINGS

All courses align with the standards, benchmarks, and grade level content expectations as outlined by state and national curriculums using a Board approved curriculum. The courses below are offered for grade promotion unless marked with an asterisk(*), which is offered for credit.

Electives

All courses align with the standards, benchmarks and grade level content expectations as outlined by state or national curriculums using a Board approved curriculum. Courses below are offered for grade promotion unless marked with an asterisk(*), which is offered for credit.

Course Name	Course Number	Course Description
MS Band I	403	Following the Standards, Benchmarks, and Grade Level Content
MS Band II	404	Expectations for Visual Arts, Music, Dance, and Theatre as outlined in the
MS Band III	405	Michigan Department of Education.
MS Orchestra I	406	Following the Standards, Benchmarks, and Grade Level Content
MS Orchestra II	407	Expectations for Visual Arts, Music, Dance, and Theatre as outlined in the
MS Orchestra III	408	Michigan Department of Education.
MS Art	679	Following the Standards, Benchmarks, and Grade Level Content Expectations as outlined by National Visual Art Standards using Board approved curriculum.
MS Drama	680	Following the Common Core State Standards (CCSS) for English supplement as outlined by the Michigan Department of Education using a Board approved curriculum.
MS Music	678	Following the Standards, Benchmarks, and Grade Level Content Expectations for Visual Arts, Music, Dance, and Theatre as outlined in the Michigan Department of Education.
MS Technology	0024	Following the competencies and standards outlined by the International Society for Technology Education (ISTE-S) "Standards for Students," adopted by the Michigan Department of Education as the Michigan Integrated Technology Competencies for Students (MITCS) using a Board approved curriculum.

English/Language Arts (ENG)

All courses align with Common Core State Standards (CCSS) for English Language Arts as outlined by the Michigan Department of Education using a Board approved curriculum. Courses below are offered for grade promotion unless marked with an asterisk (*), which is offered for credit.

Course Name	Course Number	Course Description
English (6)	0002	Following Common Core State Standards (CCSS) for English Language Arts as outlined by the Michigan Department of Education using a Board approved curriculum.
English (7)	0043	Following Common Core State Standards (CCSS) for English Language Arts as outlined by the Michigan Department of Education using a Board approved curriculum.
English (8)	005	Following Common Core State Standards (CCSS) for English Language Arts as outlined by the Michigan Department of Education using a Board approved curriculum.
MS English Lab	MS440	Following Common Core State Standards (CCSS) for English Language Arts as outlined by the Michigan Department of Education targeted intervention and remediation to support additional grade level English courses.

Health & Physical Education (HPE)

All courses align with the Michigan Model for Health using a Board approved curriculum. Courses below are offered for grade promotion unless marked with an asterisk(*), which is offered for credit.

Course Name	Course Number	Course Description
MS Health/PE	681	Following the Michigan Model for Health as outlined by the Michigan Department of Education using Board approved curriculum.

Mathematics (MTH)

All courses align with Common Core State Standards (CCSS) for Mathematics as outlined by the Michigan Department of Education using a Board approved curriculum. Courses below are offered for grade promotion unless marked with an asterisk (*), which is offered for credit.

Course Name	Course Number	Course Description
Math (6)	0013	Following Common Core State Standards (CCSS) for Mathematics as outlined by the Michigan Department of Education Michigan using a Board approved curriculum.
Math (7)	011	Following Common Core State Standards (CCSS) for Mathematics as outlined by the Michigan Department of Education using a Board approved curriculum.
Pre-Algebra	015	Following Common Core State Standards (CCSS) for Mathematics as outlined by the Michigan Department of Education using a Board approved curriculum.
MS Math Lab	MS240	Following Common Core State Standards (CCSS) for Mathematics as outlined by the Michigan Department of Education targeted intervention and remediation to support additional grade level Mathematics course.

Miscellaneous

The courses below are not offered for credit or grade promotion.

Course Name	Course Number	Course Description
Academic Lab	9265	“Non-subject classes” that are academic in nature and include activities such as tutoring, mentoring, or advising.
Collaboration	COLLAB	Interdisciplinary, multigrade academic course aligned to state approved content standards focusing on project-based, authentic learning.
MS Intervention	270	Using research-based practices to provide targeted instruction as evidenced by benchmark assessments and diagnostic screeners.
Resource Room	070	Using research-based practices to provide Individualized Education Plan services.

Science (SCI)

All courses align with Next Generation Science Standards (NGSS) as outlined by the Michigan Department of Education using a Board approved curriculum. Courses below are offered for grade promotion unless marked with an asterisk (*), which is offered for credit.

Course Name	Course Number	Course Description
Science (6)	0008	Following Next Generation Science Standards (NGSS) as outlined by the Michigan Department of Education using a Board approved curriculum.
Science (7)	003	Following Next Generation Science Standards (NGSS) as outlined by the Michigan Department of Education using a Board approved curriculum.
Earth Science*	354	Following Next Generation Science Standards (NGSS) that meet the Michigan Merit Curriculum graduation requirements set by the Michigan Department of Education, using a Board approved curriculum.

Social Studies (SS)

All courses align with Grade Level Content Expectations (GLCE) for Social Studies as outlined by the Michigan Department of Education using a Board approved curriculum. Courses below are offered for grade promotion unless marked with an asterisk (*), which is offered for credit.

Course Name	Course Number	Course Description
World History & Geography	022	Following Grade Level Content Expectations (GLCE) for Social Studies as outlined by the Michigan Department of Education using a Board approved curriculum.
Ancient World History	0022	Following Grade Level Content Expectations (GLCE) for Social Studies as outlined by the Michigan Department of Education using a Board approved curriculum.
American History to 1865	007	Following Grade Level Content Expectations (GLCE) for Social Studies as outlined by the Michigan Department of Education using a Board approved curriculum.

HIGH SCHOOL COURSE SCHEDULING

The courses in this catalog will be scheduled only if registration figures indicate a sufficient enrollment demand for the course. Before planning the high school program, students are to review graduation requirements with their parents and the School Counselor. During the second semester of each school year, students meet with the School Counselor to discuss and finalize their course selections for the following year. At this time, students are expected to examine their 4-year high school plan, taking into consideration their personalities, interests, abilities, and post-secondary education and career plans.

ADVANCED PLACEMENT (AP)

These rigorous programs expose high school students to college-level material through involvement in an AP course and gives them the opportunity to show they have mastered the material by taking the Advanced Placement Exam. Colleges and universities may grant credit, placement, or both, to students (based on qualifying scores). Although the AP exam is an assessment for college credit, it is only one component. The AP program allows students to learn a subject in greater depth, practice higher-level thinking skills, lay the groundwork for future challenges, and acquire the self discipline necessary for high academic achievement. AP classes are available almost exclusively through Michigan Virtual High School or Edgenuity. These courses are recognized as advanced by Northport Public School, therefore classes are graded using a 5.0 GPA Scale. See the [GRADE POINT AVERAGE \(GPA\)](#) scale below for grade point average potential. Contact the School Counselor for more information. View course catalogs for Edgenuity and Michigan Virtual High School for course offerings.

Edgenuity: <https://www.edgenuity.com/course-lists/Edgenuity-Michigan-Course-List.pdf>

Michigan Virtual High School: <https://michiganvirtual.org/students/high-school/>

CAREER TECH CENTER (CTC)

Northwest Education Services Career-Tech Center (CTC) provides students with the academic and technical skills, along with the knowledge and training necessary to succeed in a career that will guide them down a pathway to a meaningful life. Located in Traverse City, Michigan, CTC serves high school juniors and seniors who reside and attend school in Antrim, Benzie, Grand Traverse, Kalkaska and Leelanau county. Programs offer an educational block of time designed to assist students in pre-vocational training, reading, writing, and mathematics skills, in addition to on-site career exploration. Availability is dependent on region-wide program enrollment. Students have the opportunity to earn various credits towards the completion of the Michigan Merit Curriculum and are recognized using the default, 4.0 GPA scale. See the [GRADE POINT AVERAGE \(GPA\)](#) scale below for grade point average potential. Program offerings include (descriptions provided by NESCTC):

Program Name	Program Description
Agriscience	Gain hands-on experience in livestock animal husbandry projects, hydroponics, aquaculture, veterinary science, and natural resources such as Great Lakes ecology in our state-of-the-art facility. Be part of cutting, planting, propagating and understanding the complexities of plant growth and care.
Auto Repair	This two-year program, based on the National Automotive Technician Education Foundation (NATEF), is designed to graduate entry-level technicians with a broad skills set, a solid foundation in electrical/electronics, and a general understanding of all automotive

systems.

Business Careers	Gain experience and active learning in accounting, business-related topics, day-to-day office duties, and Microsoft Office. Students select an area of concentration from high school accounting, general business or an early college pathway into college accounting.
Collision Repair	Develop technical competencies and gain experience and active learning in all aspects of automobile and light truck body repair service. From welding to painting, the end result leads to certification in a highly rewarding career.
Construction Trades	Gain experience and active learning in the multi-faceted construction industry. Increase your technical vocabulary, interpret and understand architectural drawings and blueprints, and develop valuable skills in the building trades. The possibilities are limitless!
Culinary Arts	Do you love to cook for friends and family? Is your favorite channel the Food Network? Gain experience and active learning in a full-scale commercial kitchen and learn how to succeed in the fast-paced culinary industry.
Early Education	Early childhood education is rapidly developing as more information presents the importance of brain development in babies and young children. Gain experience and explore best practices for teaching developmental skills to young learners.
Electrical Occupations	The demand for skilled electricians is growing! Gain experience and active learning in an exciting career that involves generating, moving and using electricity. Opportunity for success is rapid as construction spending and the demand for alternative energy sources are projected to increase.
Engineering Academy	Engineering Academy has been providing STEM education since 1996, before the term 'STEM' was coined! It is an award-winning program for high school juniors and seniors that integrates courses in science, mathematics, economics and English around the themes of technology, robotics, manufacturing, and engineering. Students apply for admission into the program.
Film & New Media	The Film & New Media program delivers a course designed for students pursuing jobs or advanced skills in the film industry, and individuals interested in learning to effectively communicate with one of the most powerful media tools of our time— online video.
Graphic Arts	Explore the print and design industry through drawing, typography, photography, graphic design, illustration, and animation. Learn marketable skills in a studio setting that includes a Mac lab running the Adobe Creative Suite, and a print lab that provides hands-on workspace to generate products like t-shirts and stickers. Learn how to create original designs that support marketing communication using both traditional and non-traditional methods such as typography, photography, and graphics. An emphasis is placed on the design process, concept development, and critique to create a portfolio for a career in commercial arts.
Health Sciences	Gain a strong foundation in the health sciences while learning and practicing skills that prepare you for a career that promotes health and wellness, treats

injuries and provides care. Students will be introduced to basic knowledge, skills, and values necessary to perform effectively in the healthcare workplace.

Information Technology	The rapid growth of technology continually changes the way people work, live and play. Gain experience and active learning in a career that will see prolific growth as the internet, e-commerce and software development continue to expand for years to come.
Power Equipment	If you like working with your hands on all sorts of power equipment, this program is for you! Active learning occurs on the shop floor disassembling, measuring and reassembling engines and equipment. Gain experience and skills that will serve useful throughout your lifetime and prepare you for college, military or workforce success.
Precision Machining	A one- or two-year program, students gain experience and active learning in the machine tool industry. Manufacturing is on the up-and-up and the technical knowledge gained in this course of study will prove valuable to any individual seeking employment in the field.
Public Safety	The Public Safety program helps students gain experience and active learning in careers that positively impact the safety and security of others each and every day.
Robotics & Automation	Explore mechanical and electrical concepts that you find in the automated manufacturing field. Active learning occurs in the shop with hands-on projects, exploration of 3D-modeling and basic programming skills which will prepare students for college or workforce entry.
Teacher Academy	Experience all aspects of being a teacher while remaining in your home school. As a CTC student, you will gain experience working with different age groups and subject matter all while under the guidance of a mentor teacher.
Web & App Development	Learn how to design and build websites from scratch using HTML5, JavaScript, jQuery, and Cascading Style Sheets (CSS). Students also learn the fundamentals of programming using the programming language Python to develop simple 2D animations and games.
Welding	Gain the practical experience and instruction in the set-up and use of equipment and processes common to the welding trade. Fundamentals of welding layout, fabrication and repair are at the start of what can lead to American Welding Society (AWS) welder certification.
Writers' Studio	Those with a passion for writing gain experience and learn from experienced writers. As you hone your writing and communication skills you will enhance your employability and opportunity in any career path.
3D Drafting	A one-year online program, Drafting and Design Online provides a strong introduction to Science, Technology, Engineering and Mathematics (STEM) career pathways. Gain experience and active learning through blended online learning, group interaction and face-to-face meetings.

Contact the Career-Tech Center at 231-922-6320 or visit <https://www.tbaisd.org/career-tech-center/programs/>

DUAL ENROLLMENT

Dual enrollment offers qualifying students an opportunity to enroll in college level courses through Northwestern Michigan College to earn tuition-free college credit in approved courses while completing their high school education. The courses taken at Northwestern Michigan College are recognized as advanced by Northport Public School, therefore classes are graded using a 5.0 GPA scale. See the [GRADE POINT AVERAGE \(GPA\)](#) scale below for grade point average potential. The process begins by meeting with the Student Counselor to determine eligibility. NOTE: *Not all colleges and universities recognize dual enrollment credit.* Meet with your School Counselor for more details.

GRADE POINT AVERAGE (GPA)

Grade	Percent	Regular	Honors	AP
A	95-100%	4.0	4.5	5
A-	90-94%	3.7	4.2	4.7
B+	87-89%	3.3	3.8	4.3
B	83-86%	3.0	3.5	4
B-	80-82%	2.7	3.2	3.7
C+	77-79%	2.3	2.8	3.3
C	73-76%	2.0	2.5	3
C-	70-72%	1.7	2.2	2.7
D+	67-69%	1.3	1.8	2.3
D	63-66%	1.0	1.5	2
D-	60-62%	0.7	1.2	1.7
E	0-59%	0	0	0

HONORS

The “Honors” designation is available for select high school courses. This designation is available for students who earned a minimum of an 84% on the prerequisite or previous course in the subject area and have gained approval from the course instructor. Students enrolled in a course with the honors designation attend the same class as students working from the 4.0 GPA scale; however, these students are expected to complete approximately two hours of additional coursework each week. This additional coursework is designed to push students farther, allow for more detailed analysis, and better application to real word settings. Honors courses use a 4.5 GPA scale. See the [GRADE POINT AVERAGE \(GPA\)](#) scale above for grade point average potential.

ONLINE COURSES

Online courses are available for Art, Business, English Language Arts, General Electives, Health & Physical Education, World Languages, Math, Music, Science, Social Studies, and Visual, Performing and Applied Arts

through Edgenuity and Michigan Virtual High School. High students are eligible for virtual courses, but due to the unique nature of the online program, certain standards and behaviors are expected of students. Northport Public School utilizes a 'Student and Parent Online Contract' where students are asked to read and agree to abide by the guidelines as stated. Parents are asked to acknowledge the student expectations and understand the ramifications of failure to abide by the guidelines as stated. A copy of the contract is available from your student's counselor. Online program details and course catalogs are available for review. Contact your School Counselor for more details.

Edgenuity: <https://www.edgenuity.com/course-lists/Edgenuity-Michigan-Course-List.pdf>

Michigan Virtual High School: <https://michiganvirtual.org/students/high-school/>

PERSONAL CURRICULUM (PC)

The personal curriculum (PC) is a tool for modifying the MMC in order to individualize the rigor and relevance of the state graduation requirements. All students are eligible for a personal curriculum; however, modifications are limited to what is allowable by legislation according to each PC type. State statute allows personal curriculum modifications in order to:

- Go beyond the academic credit requirements by adding more math, science, English language arts; or completing a department-approved formal career and technical education program.
 - Students who take additional course work in the areas above may give up 1 MMC credit by eliminating one of the following; social studies, visual, performing, and applied arts, or health and physical education. Students who are completers in a formal, state approved CTE program may swap out all three of the above credits with a PC. They can also eliminate science and a world language credit without a PC. Up to 5 MMC credits can be eliminated by being a CTE completer prior to graduation.
- Modify the State Content Standards for Mathematics.
 - Students may be able to eliminate a ½ credit from the MMC math requirement. This modification could be done by eliminating half of algebra II in a traditional course sequence but could be done in other ways as long as no more than 1/2 credit of content standards are removed.
- Modify, when necessary, the credit requirements of a student with an Individualized Education Program (IEP).
 - Students who have IEP's could use a PC to modify any MMC requirements. Modifications should take into consideration the IEP and EDP as well as ensuring each student incorporates as much of the subject area content expectations as possible into their course of study.
- Modify credit requirements for a student who transfers from out of state or from a nonpublic school and is unable to meet the MMC requirements.
 - Students from out of state or from a nonpublic school may request a PC to modify the requirements of the MMC. Modifications should take into consideration the EDP as well as ensuring each student incorporates as much of the subject area content expectations as possible into their course of study.

MDE Guidelines, FAQs, Parent Guides, and Michigan Merit Curriculum (MMC) available at www.michigan.gov/highschool. See the School Counselor for additional information.

SCHEDULE CHANGE REQUEST AND WITHDRAWAL

Every effort is made to determine the most appropriate courses for students commensurate with their needs, interests, and abilities as aligned with state and district graduation requirements. Therefore, any request for a schedule change will be considered only for the most compelling of reasons. Such reasons are: (1) Your schedule does not include the courses and alternate courses previously approved by parents and counselor. (2) Your schedule does not include a requirement for graduation, which must be made this year. If your schedule contains such an error or omission, see your counselor during the published add/drop period at the start of each semester. The following guideline applies: Any decisions regarding withdrawals from scheduled courses must involve the student, his or her parents, and counselor. The superintendent has the final authority to drop or add a student's class(es). The intent of this policy is to arrive at decisions in the best interest of the student based on the involvement of both the student and parents, and the judgment of the professional staff. The process also seeks to prevent students from sampling subjects without providing sufficient effort required for successful achievement.

TEST OUT

High school students may request the opportunity to "test out" of any high school class they select that they haven't taken. A student who successfully tests out of a course will receive credit toward graduation for the course. The test out grade will simply be a "credit" and will not be included in the calculation of a student's grade point average. Students interested in pursuing "test out" opportunities are encouraged to discuss the option with their counselor. To test out, students are expected to produce the same quality of work as students who attend the class and score a 78% or higher on the test out exam.

WORK-BASED LEARNING EXPERIENCE (WBLE)

Work-based learning experiences (WBLE) provide students with a planned program of job training and other employment experiences related to a chosen career. Depending on the type of learning experience, the student might be engaged for various lengths of time. The learning experience may be paid or unpaid and can be an in-school or out-of-school placement. The learning experience is coordinated by the district through a contract (training agreement) with an employer or career training institution. It is an educational experience that relates to both school instruction (training plan) and supervised work (employer) that is monitored by a professional employee of the district. The student is eligible to earn high school credit.

HIGH SCHOOL COURSE OFFERINGS

All courses align with the standards, benchmarks, and grade level content expectations as outlined by state and national curriculums using a Board approved curriculum that meet the Michigan Merit Curriculum graduation requirements set by the Michigan Department of Education. The courses below are offered for credit unless marked with an asterisk(*), which is not offered for credit or grade promotion.

English Language Arts (ENG)

All courses align with Common Core State Standards (CCSS) for English Language Arts using a Board approved curriculum. Courses below are offered for credit.

Course Name	Course Number	Credit	Course Description
AP Literature	141	1.0	An introductory college-level literary analysis course. Students cultivate their understanding of literature through reading and analyzing texts as they explore concepts like character, setting, structure, perspective, figurative language, and literary analysis in the context of literary works. GPA Scale: 5.0
Current Events	547	0.5-1.0	Read and analyze local, state, national and international news to develop persuasive speaking and writing skills. Students will expand upon writing, verbal and non-verbal communication, and debating skills. Grade Scale: 4.0
English 9 <i>English 1</i>	9418 110	1.0	Read, discuss, and analyze contemporary and classic texts, focusing on how complex characters develop through interactions with one another and how authors structure text to accomplish that development. There is a strong emphasis on reading closely and responding to text dependent questions, annotating text, and developing academic vocabulary in context. (Credit Recovery Course Number: 9418CR) GPA Scale: 4.0
English 10 <i>English 2</i>	9422 120	1.0	Engage with literature and nonfiction texts and explore how complex characters develop through their interactions with each other, and how these interactions develop central ideas such as identity and expectations. Module 10.1 introduces foundational protocols and routines for reading, writing, and discussion that students will continue to build upon and strengthen throughout the year. A focus on complex texts offers students opportunities to work with multiple central ideas while exploring a range of genres. <i>Prerequisites: English 9</i> (Credit Recovery Course Numbers: 9422CR) GPA Scale: 4.0
English 11 <i>English 3</i>	9426 130	1.0	Read, discuss, and analyze literary and nonfiction texts focusing on how authors relate textual elements, such as plot, character, and central ideas, within a text. Module 11.1 is complex work

with multiple central ideas that complement or echo the central ideas of other texts in the module. The texts in this module offer rich opportunities to analyze how authorial choice contributes to character development, setting, meaning, and aesthetic impact.

Prerequisites: English 10

(Credit Recovery Course Number: 9426CR)

GPA Scale: 4.0

English 12 <i>English 4</i>	9430 140	1.0 Shared focus on text analysis and narrative writing. Students read, discuss, and analyze two nonfiction personal narratives, focusing on how the authors use structure, style, and content to craft narratives that develop complex experiences, ideas, and descriptions of individuals. Throughout the module, students learn, practice, and apply narrative writing skills to produce a complete personal essay suitable for use in the college application process. <i>Prerequisites: English 11</i> (Credit Recovery Course Number: 9430CR) GPA Scale: 4.0
Honors English 9	9420	1.0 Read, discuss, and analyze contemporary and classic texts, focusing on how complex characters develop through interactions with one another and how authors structure text to accomplish that development. There is a strong emphasis on reading closely and responding to text dependent questions, annotating text, and developing academic vocabulary in context. In addition, students will focus on a specific genre/author that is prominent within the literary canon. See course syllabus for more information. <i>Prerequisite: 84% or better in each of the last four quarters of English 8.</i> GPA Scale: 4.5
Honors English 10	9424	1.0 Engage with literature and nonfiction texts and explore how complex characters develop through their interactions with each other, and how these interactions develop central ideas such as identity and expectations. Module 10.1 introduces foundational protocols and routines for reading, writing, and discussion that students will continue to build upon and strengthen throughout the year. A focus on complex texts offers students opportunities to work with multiple central ideas while exploring a range of genres. In addition, students will focus on a specific genre/author that is prominent within the literary canon. See course syllabus for more information. <i>Prerequisite: 84% or better in each of the last four quarters of English 9.</i> GPA Scale: 4.5
Honors English 11	9428	1.0 Read, discuss, and analyze literary and nonfiction texts focusing on how authors relate textual elements, such as plot, character, and central ideas, within a text. Module 11.1 is complex work with multiple central ideas that complement or echo the central

ideas of other texts in the module. The texts in this module offer rich opportunities to analyze how authorial choice contributes to character development, setting, meaning, and aesthetic impact. In addition, students will focus on a specific genre/author that is prominent within the literary canon. See course syllabus for more information. *Prerequisite: 84% or better in each of the last four quarters of English 10.*

GPA Scale: 4.5

Honors English 12	9432	1.0	<p>Shared focus on text analysis and narrative writing. Students read, discuss, and analyze two nonfiction personal narratives, focusing on how the authors use structure, style, and content to craft narratives that develop complex experiences, ideas, and descriptions of individuals. Throughout the module, students learn, practice, and apply narrative writing skills to produce a complete personal essay suitable for use in the college application process. In addition, students will focus on a specific genre/author that is prominent within the literary canon. <i>Prerequisite: 84% or better in each of the last four quarters of English 11.</i></p> <p>GPA Scale: 4.5</p>
Modern Novels	933	0.5	<p>Modern novels is a half-year course offered to grades 10-12. This course is designed to acquaint young adult readers with popular, contemporary novels that are not part of the standard English curricula taught in grades 10-12. Students will learn to comprehend different types of literature through higher level 'Socratic' discussions, and through making connections with media surrounding the cultural issues dealt with in the readings. The purpose of this class is to create life-long readers who have a thirst for knowledge and a better understanding of the world around them. Grades will be based on journal free-writes, participation, quizzes and tests and a final media project.</p> <p>GPA Scale: 4.0</p>
Mythology I	990	0.5	<p>Myths are humanity's earliest imaginative attempts to explain the universe, its creation, and its working. The study of mythology of a particular culture reveals the way of life and thought of that culture. Mythology is an elective course in literature that has as its primary focus the myths, legends, and folk tales of ancient, classical, and former civilizations. Students will study types of myths, major reasons for 'myth-making,' the distinguishing features of myths, legends, and folktales, and the manner in which these stories reflect the representative beliefs of individual nations, cultures, and societies. Mythological theory will be examined, as will the influence of mythology on the English language and the twenty-first century. Students will be encouraged to look for allusions to this body of literature in newspapers, magazines, books, and the Internet. Students will be</p>

expected to participate in group activities, discussions, and classroom presentations. Assignments include content-driven projects, creative writing assignments, essays, and extensive reading.

GPA Scale: 4.0

Mythology II	991	0.5	<p>Myths are humanity’s earliest imaginative attempts to explain the universe, its creation, and its working. The study of mythology of a particular culture reveals the way of life and thought of that culture. Mythology is an elective course in literature that has as its primary focus the myths, legends, and folk tales of ancient, classical, and former civilizations. Students will study types of myths, major reasons for 'myth-making,' the distinguishing features of myths, legends, and folktales, and the manner in which these stories reflect the representative beliefs of individual nations, cultures, and societies. Mythological theory will be examined, as will the influence of mythology on the English language and the twenty-first century. Students will be encouraged to look for allusions to this body of literature in newspapers, magazines, books, and the Internet. Students will be expected to participate in group activities, discussions, and classroom presentations. Assignments include content-driven projects, creative writing assignments, essays, and extensive reading.</p>
			GPA Scale: 4.0
Science Fiction & Fantasy	944	0.5	<p>Study the standards of science fiction and fantasy and how they differ. Students will read and analyze many of the ‘masters’ of the genre including: Bradbury, Vonnegut, Tolkien, Huxley, Asimov, Herbert, Wells and many more. Critical evaluation is encouraged through journal free-writes, discussion, quizzes and tests. Independent reading will be required.</p>
			GPA Scale: 4.0
Speech	623	1.0	<p>Develop skills necessary for effective public speaking. Students learn to communicate their ideas using verbal, written and visual techniques.</p>
			GPA Scale: 4.0

Health & Physical Education (HPE)

All courses align with competencies and standards outlined by the Michigan Model for Health using a Board approved curriculum and meet the Michigan Merit Curriculum graduation requirements set by the Michigan Department of Education. Courses below are offered for credit.

Course Name	Course Number	Credit	Course Description
Advanced Physical Education (PE) I	9249	0.5-1.0	Advanced Physical Education (PE) allows students to explore different exercise modalities and develop a plan that allows them to work toward accomplishing their personal fitness goals.
Advanced Physical Education (PE) II	9250		Students will be assessed and then work toward developing areas of fitness that are needs or part of their long-term plan. In order to do this, they will practice exercises that will help them physically develop. Students will also track their progress as they complete daily benchmarks. When students leave this class, they will be able to maintain a life of fitness through planning, exercising, and monitoring. <i>Prerequisite: Health and Physical Education</i> GPA Scale: 4.0
Health	720	0.5	Students learn about proper nutrition, social & emotional health, safety and violence, alcohol/tobacco/other drugs, personal health and wellness and healthy, responsible, relationships. Students will also learn skills that help them refuse negative influences and develop a foundation of healthy living that encourages them to grow and meet their potential. GPA Scale: 4.0
Honors Advanced Physical Education (PE) I	9251	0.5-1.0	Advanced Physical Education (PE) allows students to explore different exercise modalities and develop a plan that allows them to work toward accomplishing their personal fitness goals. Students will be assessed and then work toward developing areas of fitness that are needs or part of their long-term plan. In order to do this, they will practice exercises that will help them physically develop. Students will also track their progress as they complete daily benchmarks. When students leave this class, they will be able to maintain a life of fitness through planning, exercising, and monitoring.
Honors Advanced Physical Education (PE) II	9252		In addition, students earning honors credit are required to complete one of the the following athletic programs each semester: <ul style="list-style-type: none"> ● Training Partner Goal-Based ● 5K Training ● Skills Analysis See the course syllabus for more information. <i>Prerequisite: 84% or better in each of the last four quarters of Health and Physical Education or Advanced Physical Education.</i> GPA Scale: 4.5

Physical
Education

711

0.5 Physical Education is a class based on helping students obtain the skills and knowledge necessary to live an active, healthy lifestyle. In this course, students will develop and target individual fitness goals, learn and demonstrate athletic knowledge and skills, and strive to maintain acceptable personal and social behaviors during physical activities. After completing this course, students will feel prepared to personally establish, undertake, and assess performance in activities that improve their fitness or physical skills.

GPA Scale: 4.0

Mathematics (MTH)

All courses align with Common Core State Standards (CCSS) for Mathematics using a Board approved curriculum and meet the Michigan Merit Curriculum graduation requirements set by the Michigan Department of Education. Courses below are offered for credit.

Course Name	Course Number	Credit	Course Description
Algebra I	211 210	1.0	<p>Designed to give students a foundation for all future mathematics courses. Fundamentals of algebraic problem-solving are developed sequentially. Beginning with simple algebraic expressions and equations, students explore the use of inequalities, linear functions, systems of linear functions, exponents and exponential functions, polynomials and factoring, quadratic functions, and probability.</p> <p>Common Core standards are taught and reinforced as students learn how to apply algebraic concepts in real-world situations. (Credit Recovery Course Number: 212) GPA Scale: 4.0</p>
Algebra II	9239 230	1.0	<p>Expanding upon the ideas introduced in Algebra I, this course dives into functions (linear and quadratic), polynomials, periodic phenomena and collecting and analyzing data. By the conclusion of the course, students will have explored:</p> <ul style="list-style-type: none"> ● Linear and quadratic systems ● General polynomial functions ● Radical functions and rational exponents ● Exponential and logarithmic functions ● Rational functions ● Sequences and series ● Conic sections ● Probability and statistics ● Matrices ● Basic trigonometry <p>Throughout these investigations, students will frequently use mathematical techniques to model and solve real-world problems, with special emphasis on physics and engineering applications. <i>Prerequisite/Corequisite: Completed Algebra I and completed or currently enrolled in Geometry.</i> GPA Scale: 4.0</p>
AP Calculus	221	1.0	<p>An introductory college-level calculus course. Students cultivate their understanding of differential and integral calculus through engaging with real-world problems represented graphically, numerically, analytically, and verbally and using definitions and theorems to build arguments and justify conclusions as they explore concepts like change, limits, and the analysis of functions. GPA Scale: 5.0</p>

AP Statistics	222	1.0	<p>An introductory college-level statistics course. Students use probability and simulation to describe probability distributions and define uncertainty in statistical inference. Learn about statistical reasoning to draw appropriate conclusions and justify claims. Describe patterns, trends, associations, and relationships in data. You'll explore statistics through discussion and activities, and you'll design surveys and experiments.</p> <p>GPA Scale: 5.0</p>
Calculus	9314	1.0	<p>Explore both branches of calculus; differential and integral calculus. While studying differential calculus, students will learn about the rate of change of functions with respect to their variables through the use of derivatives and differentials. In contrast, while studying integral calculus, students will learn to find the quantity where the rate of change is known. Discover how the development of Calculus changed the world and how it continues to be used across a multitude of professions.</p> <p>GPA Scale: 4.0</p>
College Algebra/ Trigonometry	9247	0.5	<p>In preparation for a college level introductory mathematics class. Students demonstrate proficiency in algebraic skills and computation through the exploration of advanced topics. Topics range from linear equations to trigonometric identities.</p> <p><i>Prerequisite: Algebra II</i></p> <p>GPA Scale: 4.0</p>
Geometry	220 223	1.0	<p>Study shapes and space - flat and two-dimensional, like squares and circles, and three-dimensional shapes with depth, like cubes and spheres. Logic and reasoning are essential to work through conditional statements and transformations, like reflections, translation and rotations. This course is heavily project-based. For example, students will design a quilt block and their own mini-golf course. Additional topics include: construction, proof arguments, area and volume, surface area, and three-dimensional objects. <i>Prerequisite: Algebra I</i> (Credit Recovery Course Number: 224)</p> <p>GPA Scale: 4.0</p>
Honors Algebra II	9245	1.0	<p>Expanding upon the ideas introduced in Algebra I, this course dives into functions (linear and quadratic), polynomials, periodic phenomena and collecting and analyzing data. By the conclusion of the course, students will have explored:</p> <ul style="list-style-type: none"> ● Linear and quadratic systems ● General polynomial functions ● Radical functions and rational exponents ● Exponential and logarithmic functions ● Rational functions ● Sequences and series ● Conic sections

- Probability and statistics
- Matrices
- Basic trigonometry

Throughout these investigations, students will frequently use mathematical techniques to model and solve real-world problems, with special emphasis on physics and engineering applications. In addition, student's earning honors credit are required to complete the following additional work:

- An honors problem set for each lesson, involving challenging applications of the material.
- An honors problem section on each quiz, test, or exam.
- Research on an approved Algebra II topic, followed by a report to the class (one each semester).
- Two challenge problems per month requiring data research as well as application of class material.

Prerequisite: 84% or better in each of the last four quarters of Algebra I or Geometry AND Either completed Algebra I and have completed or are currently enrolled in Geometry.

GPA Scale: 4.5

Honors Geometry	225	1.0	<p>Study shapes and space - flat and two-dimensional, like squares and circles, and three-dimensional shapes with depth, like cubes and spheres. Logic and reasoning are essential to work through conditional statements and transformations, like reflections, translation and rotations. This course is heavily project-based. For example, students will design a quilt block and their own mini-golf course. Additional topics include: construction, proof arguments, area and volume, surface area, and three-dimensional objects. In addition, students earning honors credit are required to complete the following additional work:</p> <ul style="list-style-type: none"> ● Questions in problem set C (Challenge Problems) for each lesson ● Additional performance based assessments for each unit ● Three additional projects per quarter that have been approved by the teacher ● One end of semester cumulative project <p><i>Prerequisite: 84% or better in each of the last four quarters of Algebra I.</i></p> <p>GPA: 4.5</p>
Honors Pre- Calculus	9219	1.0	<p>An advanced mathematics course that includes Algebra and Trigonometry at a level designed to prepare students for the study of Calculus. designed to prepare students for a college level Calculus course. Topics include but are not limited to:</p> <ul style="list-style-type: none"> ● Polynomials ● Complex Numbers ● Composite Functions ● Trigonometric Functions

- Vectors
- Matrices
- Series
- Conic Sections
- Probability and Combinatorics

In addition, students earning honors credit are required to complete the following work:

- Additional Practice Problems as determined by the teacher for each section.
- One additional independent project per quarter that has been pre-approved by the teacher.

Prerequisite: Algebra II

GPA Scale: 4.5

Personal Finance Literacy	9248 796	1.0	Develop skills needed to be a financially responsible adult. Topics covered include: budgeting, financial planning, taxes (local, state and federal), credit cards (responsible use, credit score calculation and interest rates), identity protection, loans (application, interest rates, repayment) and investments and the stock market. This course is heavily project-based. For example, students create monthly budgets, financial plans, and complete individual taxes.
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GPA Scale: 4.0

Pre-Calculus	241	1.0	An advanced mathematics course that includes Algebra and Trigonometry at a level designed to prepare students for the study of Calculus. designed to prepare students for a college level Calculus course. Topics include but are not limited to: <ul style="list-style-type: none"> ● Polynomials ● Complex Numbers ● Composite Functions ● Trigonometric Functions ● Vectors ● Matrices ● Series ● Conic Sections ● Probability and Combinatorics
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Prerequisite: Algebra II

GPA Scale: 4.0

Miscellaneous (MS)

Courses below are offered for credit unless marked with an asterisk(*), which is not offered for credit or grade promotion.

Course Name	Course Number	Credit	Course Description
Academic Lab**	9265	NA	“Non-subject classes” that are academic in nature and include activities such as tutoring, mentoring, or advising.
Collaboration	COLLAB	NA	Interdisciplinary, multigrade academic course aligned to state approved content standards focusing on project-based, authentic learning.
Resource Room*	070	NA	Using research-based practices to provide Individualized Education Plan services.
Senior Project	001	1.0	The Senior Project is a graduation requirement for Northport Public School. The Senior Project is a culminating demonstration of what students have learned during their years at Northport Public School and consists of a research paper, a product, and presentation. This is primarily an independent project, but students are required to seek a technical coach and/or mentor for guidance. If funds are required for project completion, the student is solely responsible for raising the funds. Northport Public School does not provide financial assistance. At the start of the school year, Seniors will receive the specifics for this graduation requirement. GPA Scale: 4.0
Work-Based Learning Experience (WBLE)	989	0.5- 1.0	Work-based learning experiences (WBLE) provide students with a planned program of job training and other employment experiences related to a chosen career. Depending on the type of learning experience, the student might be engaged for various lengths of time. The learning experience may be paid or unpaid and can be an in-school or out-of-school placement. The learning experience is coordinated by the district through a contract (training agreement) with an employer or career training institution. It is an educational experience that relates to both school instruction (training plan) and supervised work (employer) that is monitored by a professional employee of the district. GPA Scale: 4.0

Science (SCI)

All courses align with Next Generation Science Standards (NGSS) using a Board approved curriculum and meet the Michigan Merit Curriculum graduation requirements set by the Michigan Department of Education. Courses below are offered for credit.

Course Name	Course Number	Credit	Course Description
AP Biology	342	1.0	An introductory college-level biology course. Students cultivate their understanding of biology through inquiry-based investigations as they explore the following topics: evolution, cellular processes, energy and communication, genetics, information transfer, ecology, and interactions. Students have the opportunity to earn college credit by earning a three (3) or better when they take the AP Exam in May. GPA Scale: 5.0
Biology	320 321	1.0	Focus on living systems and the nonliving factors within the environment that influence life. Course topics include: cell biology, energetics, genetics, populations and ecosystems, and the six kingdoms of life if time permits. Students will be presented with challenges based in inquiry and the scientific method where they will be asked to make and record scientific observations, form hypotheses, perform experiments, draw and defend conclusions using specific and scientific evidence, and analyze claims made by others. Activities include reading assignments, kinesthetic activities, laboratory experiments, Socratic seminars, outdoor observations, and much more. (Credit Recovery Number: 9416) GPA Scale: 4.0
Chemical Science	341	1.0	An introduction to chemical science concepts. Students will explore measurements, matter, energy, chemical/physical changes, the Periodic Table, chemical reactions, and the hazards associated with common household chemicals. Students will engage in frequent laboratory activities to guide their learning. The content of this course prepares students for an advanced study of chemistry. GPA Scale: 4.0
Chemistry	340 342	1.0	Experience a true look into the nature of matter and the physical and chemical changes it can undergo. Science and math are integrated so that students might explore, quantitatively and qualitatively, the chemical nature of our world. Students will be asked to perform complex problem solving, apply chemistry to daily life, and draw conclusions about how chemistry can be used to improve our environment. Laboratory experiments will occur at least once every two weeks in most units, and students will be asked to refine their experimental technique, generate lab reports, and analyze data by means of graphs and tables. Topics

include periodic trends, types of bonds, reaction types, gas laws, acid base chemistry, stoichiometry, and many others.

Prerequisite/Corequisite: Must have completed or be currently enrolled in Algebra II. (Credit Recovery Course Numbers: 338, 480, 339, 480A)

GPA Scale: 4.0

Earth Science	354 352	1.0	An introduction to the study of Earth and its place in the universe. Students will explore the universe, galaxies, solar system, geosphere, hydrosphere, and weather systems that define our planet. The course will examine our planet from the “outside in.” Students will begin by understanding the Earth’s place in the cosmos and the natural phenomena that result from our positioning and end with an examination of the structure, features, and resources of Earth. GPA Scale: 4.0
Environmental Science	337	1.0	Learn the scientific principles, procedures, and ideas needed to understand the relationships within the natural world and those between the natural world and man. There will be an emphasis on modeling complex environmental problems and exploring creative solutions. Students will spend time in the field doing active exploration and in the classroom engaging in research and discussion. Topics will be driven by student interest and may include areas such as climate change, carbon-free energy sources, and the spread of new diseases. Students will interact with current environmental issues at both a local and global level. GPA Scale: 4.0
Honors Biology	323	1.0	Focus on living systems and the nonliving factors within the environment that influence life. Course topics include: cell biology, energetics, genetics, populations and ecosystems, and the six kingdoms of life if time permits. Students will be presented with challenges based on inquiry and the scientific method where they will be asked to make and record scientific observations, form hypotheses, perform experiments, draw and defend conclusions using specific and scientific evidence, and analyze claims made by others. Activities include reading assignments, kinesthetic activities, laboratory experiments, Socratic seminars, outdoor observations, and much more. Honors Biology students will complete a university level unit, which involves reading multiple chapters within a college textbook and completing the accompanying labs. <i>Prerequisite: 84% or better in each of the last four quarters of Earth Science or Physical Science.</i> GPA Scale: 4.5
Honors Chemistry	345	1.0	Experience a true look into the nature of matter and the physical and chemical changes it can undergo. Science and math are integrated so that students might explore, quantitatively and

qualitatively, the chemical nature of our world. Students will be asked to perform complex problem solving, apply chemistry to daily life, and draw conclusions about how chemistry can be used to improve our environment. Laboratory experiments will occur at least once every two weeks in most units, and students will be asked to refine their experimental technique, generate lab reports, and analyze data by means of graphs and tables. Topics include periodic trends, types of bonds, reaction types, gas laws, acid base chemistry, stoichiometry, and many others. Honors Chemistry students will complete a university level unit, which involves reading multiple chapters within a college textbook and completing the accompanying labs. *Prerequisite: 84% or better in each of the last four quarters of Geometry or Algebra II AND either completed Algebra II or are currently enrolled in Algebra II.*
GPA Scale: 4.5

Honors Earth Science	355	1.0	An introduction to the study of Earth and its place in the universe. Students will explore the universe, galaxies, solar system, geosphere, hydrosphere, and weather systems that define our planet. The course will examine our planet from the “outside in.” Students will begin by understanding the Earth’s place in the cosmos and the natural phenomena that result from our positioning and end with an examination of the structure, features, and resources of Earth. Honors Earth Science students will complete a university level unit, which involves reading multiple chapters within a college textbook and completing the accompanying labs. <i>Prerequisite: 84% or better in each of the last four quarters of a science class.</i> GPA Scale: 4.5
Honors Environmental Science	863	1.0	Learn the scientific principles, procedures, and ideas needed to understand the relationships within the natural world and those between the natural world and man. There will be an emphasis on modeling complex environmental problems and exploring creative solutions. Students will spend time in the field doing active exploration and in the classroom engaging in research and discussion. Topics will be driven by student interest and may include areas such as climate change, carbon-free energy sources, and the spread of new diseases. Students will interact with current environmental issues at both a local and global level. Honors Environmental Science students will research solutions to a current environmental problem and present a detailed report in a group setting. <i>Prerequisite: 84% or better in each of the last four quarters of a science class.</i> GPA Scale: 4.5
Honors Physical Science	312	1.0	An introduction to the scientific phenomena active in the physical world, fundamental concepts of chemistry and physics. Students learn about motion, forces, energy, electricity, magnetism, light

and sound. Throughout the course, students are guided to think and act like scientists through multiple labs, experiments and other activities. The content of this course prepares students for a more advanced study of physics. Honors Physical Science students will complete a university level unit, which involves reading multiple chapters within a college textbook and completing the accompanying labs. *Prerequisite: 84% or better in each of the last four quarters of a science class.*

GPA Scale: 4.5

Honors Physics	9851	1.0	<p>A focus on the fundamental concepts in physics. The course includes an overview of the scientific process, motion, energy, electricity, magnetism, and the laws that govern the physical universe. As students refine and expand their understanding of physics, they will apply their knowledge in experiments to ask questions and test hypotheses. Special emphasis will be given to graphical and mathematical problem solving. Throughout the course, students solve problems, reason abstractly, and think critically. Honors Physics students will complete an independent project investigating a real world phenomena and use graphical and mathematical modeling to explain quantitative data.</p> <p><i>Prerequisite: 84% or better in each of the last four quarters of Geometry or Algebra II AND either completed Algebra II or are currently enrolled in Algebra II.</i></p> <p>GPA Scale: 4.5</p>
Physical Science	310 311	1.0	<p>An introduction to the scientific phenomena active in the physical world, fundamental concepts of chemistry and physics. Students learn about motion, forces, energy, electricity, magnetism, light and sound. Throughout the course, students are guided to think and act like scientists through multiple labs, experiments and other activities. The content of this course prepares students for a more advanced study of physics.</p> <p>(Credit Recovery Course Number: 480B)</p> <p>GPA Scale: 4.0</p>
Physics	351	1.0	<p>A focus on the fundamental concepts in physics. The course includes an overview of the scientific process, motion, energy, electricity, magnetism, and the laws that govern the physical universe. As students refine and expand their understanding of physics, they will apply their knowledge in experiments to ask questions and test hypotheses. Special emphasis will be given to graphical and mathematical problem solving. Throughout the course, students solve problems, reason abstractly, and think critically.</p> <p>GPA Scale: 4.0</p>
Science Seminar	479	1.0	<p>After choosing eight topics within science, students generate an essential question for each topic and then answer the essential</p>

question by using research techniques, discussion, experimentation, observation, interview, and field work. This class is participation based, requiring students to develop their collaborative skills while also enhancing their ability to defend claims and rethink misconceptions. Students should exit this class with a greater understanding of how to approach the world in a scientific and methodical way, but also with great curiosity and perseverance. *Prerequisite: Earth Science, Physical Science or Biology.*

GPA Scale: 4.0

Social Studies (SS)

All courses align with Grade Level Content Expectations (GLCE) for Social Studies using a Board approved curriculum and meet the Michigan Merit Curriculum graduation requirements set by the Michigan Department of Education. Courses below are offered for credit.

Course Name	Course Number	Credit	Course Description
Civics	840	0.5	Learn about and experience what it means to become an active participating citizen. Using classic American Literature, current event discussions, and rigorous and relevant units based on Core Democratic Values, students will learn about civic life within their community, state, and nation. Using social science methods, students will investigate the principles and policies of American Government to help them understand our diverse cultural heritage. To help create a link between the past and present, students will attend a local governmental meeting to observe, document, and report on the proceedings. GPA Scale: 4.0
Economics	801	0.5	Explore the fundamental concepts of scarcity and how economic decisions are made by individuals, corporations, and nations. The course is designed to help develop the student’s economic awareness while they learn how they “fit” in an increasingly economically interdependent world. Students in this class will be responsible for reading the text material prior to discussion and then expanding their understanding of the topics through conversation and other available resources. GPA Scale: 4.0
Honors Civics	841	0.5	Learn about and experience what it means to become an active participating citizen. Using classic American Literature, current event discussions, and rigorous and relevant units based on Core Democratic Values, students will learn about civic life within their community, state, and nation. Using social science methods, students will investigate the principles and policies of American Government to help them understand our diverse cultural heritage. To help create a link between the past and present, students will attend a local governmental meeting to observe, document, and report on the proceedings. Honors Civics students will be expected to venture beyond the standard curriculum and engage their curiosity and skills to explore, uncover, and process data relating to chosen texts. <i>Prerequisites: 84% or better in each of the last four quarters of World History.</i> GPA Scale: 4.5
Honors Economics	9244	0.5	Explore the fundamental concepts of scarcity and how economic decisions are made by individuals, corporations, and nations. Students’ will develop an economic awareness while they learn how they “fit” in an increasingly economically interdependent

world. Students in this class will be responsible for reading the text material prior to discussion and then expanding their understanding of the topics through conversation and other available resources. Honors Economics students will be expected to venture beyond the standard curriculum and engage their curiosity and skills to explore, uncover, and process data relating to chosen texts, various business models, and Micro/Macroeconomics. *Prerequisites: 84% or better in each of the last four quarters of Civics and World History.*
GPA Scale: 4.5

Honors
Sociology

557

0.5

Sociology is the study of the development, structure, and functioning of human society, with a focus on human social relationships and institutions. Topics are diverse and include: crime, religion, family, race, and social class. Students will explore the changing social world and its implications at large. Students in this class will be responsible for reading the text material prior to discussion and then expanding their understanding of the topics through conversation and available resources. Honors Sociology students will be expected to venture beyond the standard curriculum and engage their curiosity and skills to explore, uncover, and process data relating to chosen texts, current events, and global concepts. *Prerequisites: 84% or better in each of the last four quarters of a Social Studies class.*
GPA Scale: 4.5

Honors
World History

533

1.0

Investigate and report on different cultures of the past and present throughout the world. Students will be expected to read assigned passages from the text, independently investigate topics of interest, and write and speak intelligently about their findings. A geography component is also included within this class to help students better understand natural resources, economic and transportation systems, and world religions. Honors World History students will be expected to venture beyond the standard curriculum and engage their curiosity and skills to explore, uncover, and process data relating to chosen texts, current events, and global concepts. *Prerequisites: 84% or better in each of the last four quarters of US History.*
GPA Scale: 4.5

Psychology

550

0.5

Psychology is the study of the mind and behavior. Students will investigate human thoughts and behavior, identify and differentiate between research and applied psychologists and determine if a career in the social sciences/psychology may interest them. Beyond career opportunities, students will learn key topics related to learning, sexuality, human development, thought processes, and consciousness. Students in this class will be responsible for reading the text material prior to discussion

and then expanding their understanding of the topics through conversation and other available resources.

GPA Scale: 4.0

Sociology	556 978	0.5	<p>Sociology is the study of the development, structure, and functioning of human society, with a focus on human social relationships and institutions. Topics are diverse and include: crime, religion, family, race, and social class. Students will explore the changing social world and its implications at large. Students in this class will be responsible for reading the text material prior to discussion and then expanding their understanding of the topics through conversation and available resources.</p> <p>GPA Scale: 4.0</p>
United States (US) History	505 506	1.0	<p>Research all those who have called themselves Americans. Explore the contrasting experiences of indigenous people, colonizers, African slaves and Asian, European, and South American immigrants' lives in the United States throughout time. Gain an understanding of concepts like Manifest Destiny and Global Security within the context of the events in Eras 6-9 and how those events have ultimately shaped the world we live in today. This class will also address the responsibility of each individual to be civically active and to understand and participate in the workings of local, state, and national governmental systems. Our nation has a unique population that is comprised of indigenous people, immigrants, and naturalized citizens that have endured great hardships, celebrated great victories, and still continue to adapt and evolve. The investigation of history and geography helps us locate ourselves in both time and space and think about who we are and about our possible futures.</p> <p>GPA Scale: 4.0</p>
World History	530 531	1.0	<p>An exploration through time and culture. First, an investigation of the first humans and earliest civilizations - discover five major world religions along with the classical age civilizations of China , India, Greece and Rome. Second, study the powerful centers of civilization during the era of regional civilizations in Europe, Asia, Africa and the Americas - draw connections between religion, warfare and trade. Third, explore the complexity of the Columbian exchange and the interactions between civilizations - consider the principles of idea exchange with the transportation of goods and people across political and geographic borders. Investigate and report on different cultures of the past and present throughout the world. Students will adopt a global vocabulary, identify geographic locations and their significance, and extract pertinent information from textual sources and discussion. <i>Prerequisite: US History</i> (Credit Recovery Course Number: 9415)</p> <p>GPA Scale: 4.0</p>

World Cultures	996	0.5-1.0 Acquire knowledge and an understanding of cultural, ethnic and racial groups from around the world. Explore the significance of cultural, ethnic and racial groups in the US and Global societies. Topics related to geography and culture will be incorporated whenever possible. The major themes of this class include: families and social structures, agriculture and industry, rural and urban lifestyles, language, religion, and the arts. GPA Scale: 4.0
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World Language (WL)

All courses align with the Standards for Foreign Language Learning in the 21st Century using a Board approved curriculum and meet the Michigan Merit Curriculum graduation requirements set by the Michigan Department of Education. Courses below are offered for credit.

Course Name	Course Number	Credit	Course Description
Honors Spanish II	3837	1.0	<p>The purpose of this course is to teach students to communicate effectively in Spanish. In this course students will study basic Spanish grammar including reflexive verbs, the preterite tense and the imperfect tense. Students will study travel, city, shopping and childhood vocabulary. There will be an emphasis on developing listening, speaking, reading and writing skills. Honors Spanish students will have additional assignments and curriculum based on a Spanish speaking country and its cultures/customs each semester. Honors students must achieve the following goals:</p> <ul style="list-style-type: none"> ● Individualized learning in the subject area ● Demonstration of knowledge ● Synthesis of honors and general education class <p>Textbooks Used and Other Sources: Buen Viaje II, Avancemos II <i>Prerequisite: 84% or better in each of the last four quarters of Spanish I.</i> GPA Scale 4.5</p>
Honors Spanish III	9839	1.0	<p>The purpose of this course is to teach students to communicate effectively in the second most popular language of the United States as well as compare and contrast Hispanic culture to the culture of the United States. In this course, students will study intermediate-low to intermediate-high Spanish grammar such as the comparisons between the preterite and imperfect tenses, the imperfect progressive, present progressive, conditional, future and basic subjunctive tenses. There will be strong emphasis on developing listening, speaking, reading and writing skills. Honors Spanish students will have additional assignments and curriculum based on a Spanish speaking country and its cultures/customs each semester. Honors students must achieve the following goals:</p> <ul style="list-style-type: none"> ● Individualized learning in the subject area ● Demonstration of knowledge ● Synthesis of honors and general education class <p>Textbooks Used and Other Sources: Buen Viaje II, Avancemos III. <i>Prerequisite: Spanish I and 84% or better in each of the last four quarters of Spanish II.</i> GPA Scale 4.5</p>
Spanish I	611	1.0	<p>The purpose of this course is to teach students to communicate effectively in the second most popular language of the United</p>

States, to appreciate the people who speak that language, and to acknowledge the contributions of those people to Western Civilization. In this course students will study basic Spanish grammar and vocabulary. Textbooks Used and Other Sources: Buen Viaje I, Avancemos I.
GPA Scale 4.0

Spanish II	620 9242	1.0	<p>The purpose of this course is to teach students to communicate effectively in Spanish. In this course students will study basic Spanish grammar including reflexive verbs, the preterite tense and the imperfect tense. Students will study travel, city, shopping and childhood vocabulary. There will be an emphasis on developing listening, speaking, reading and writing skills. Textbooks Used and Other Sources: Buen Viaje II, Avancemos II. <i>Prerequisite: Spanish I</i> GPA Scale 4.0</p>
Spanish III	9217	1.0	<p>The purpose of this course is to teach students to communicate effectively in the second most popular language of the United States as well as compare and contrast Hispanic culture to the culture of the United States. In this course, students will study intermediate-low to intermediate-high Spanish grammar such as the comparisons between the preterite and imperfect tenses, the imperfect progressive, present progressive, conditional, future and basic subjunctive tenses. There will be strong emphasis on developing listening, speaking, reading and writing skills. Textbooks Used and Other Sources: Buen Viaje II, Avancemos III. <i>Prerequisites: Spanish I and Spanish II</i> GPA Scale 4.0</p>
Spanish IV	9849	1.0	<p>The purpose of this course is to teach students to communicate effectively in the second most popular language of the United States, to appreciate the people who speak that language, and to acknowledge the contributions of those people to Western Civilization. In this course students will study intermediate high to advanced low grammar and vocabulary topics. There will be an emphasis on oral representation of the language as well as written form. Textbooks Used and Other Sources: Avancemos III, Avancemos IV. <i>Prerequisites: Spanish I, Spanish II, Spanish III</i> GPA Scale 4.0</p>

Visual, Performing, and Applied Arts (VPAA)

All courses align with the standards, benchmarks and grade level content expectations as outlined by state or national curriculums using a Board approved curriculum and meet the Michigan Merit Curriculum graduation requirements set by the Michigan Department of Education. Courses below are offered for credit.

Course Name	Course Number	Credit	Course Description
Art 101	564	0.5-1.0	Designed to offer students an opportunity to learn the fundamentals of art and design. The course is broken down into various projects that analyze and investigate the seven (7) main elements of art: Line, Space, Value, Form, Shape, Color, and Texture. Artworks will explore many different mediums that range from 2D to 3D materials. GPA Scale: 4.0
Art Exploration	1003 9257	0.5-1.0	The first semester of this course focuses on 2D art to address a very broad usage of drawing materials and media. Manipulation of line quality, shading techniques, basic drawing and painting skills, printmaking, mixed media, abstract and realistic forms of art will be studied. The second semester focuses on 3D art to address a variety of media such as clay, cardboard, found objects and other sculptural forms both additive (build) and subtractive (carved) will be explored. Quality craftsmanship and presentation of works are stressed. GPA Scale: 4.0
Band I	370	0.5-1.0	Expand your musical experiences by being a valued contributing member of this performing ensemble. Develop your musical skills with emphasis on the advancement of instrumental musical technique, the further development of ensemble performance skills, and the rehearsal of intermediate and advanced level band music. A variety of musical genres will be explored. Perfect your musical skills by actively participating in daily large and small ensemble groups, seasonal marching band, pep band, and other community events. GPA Scale: 4.0
Band II	374		
Band III	378		
Band IV	382		
Community Art	0021 566	0.5-1.0	Bringing the classroom to our communities and the communities to our classroom. This class focuses on the act of art as social and economical practice of bringing communities together. Students in this class will visit artists in the community and well as have artists from the surrounding areas visit the classroom. Art in culture, art as a profession, and art as a form of public installation are the main focal points. Students will create a work of art for public installation by the end of this course. GPA Scale: 4.0
Drama I	9810	0.5-1.0	Students will begin to develop basic performance skills. They will actively participate in the creation process, coming up with ideas that will shape their performance and developing those ideas
Drama II	9820		
Advanced	9826		

Drama I			into a working script. They will also be involved in identifying audience needs and determining what genre or style of work will best suit those needs. Students will develop their skills in vocal delivery: rate, volume, pitch, articulation, pronunciation, and fluency. The final component addressed in this course will be stagecraft, focusing on physical positioning and non-verbal communication to support and enhance vocal content.
Advanced Drama II	9832		
Theater I	9460		GPA Scale: 4.0
Drawing and Illustration	9258	0.5	Study drawing and illustration in depth. Students will receive professional grade art materials and learn how to create the illusion of depth on a two dimensional surface. Explore foreshortening, perspective, shading techniques, still life, life drawing and more. If you want to become a better drawer this is the course for you. *This is a one semester course. GPA Scale: 4.0
Folk Art	9462	0.5-1.0	Students will explore art materials in an utilitarian and decorative way by studying different forms of folk art from around the world, as well as, the incorporation of crafts and art forms from ethnic minorities. Examples of folk art forms include: Native American bead art, basket weaving, crochet, soap and candle making, pottery, weaving, paper making, jewelry making, Object Assemblage, sewing, collage, quilting and fiber arts. GPA Scale: 4.0
Honors Art 101	9260	0.5-1.0	Designed to offer students an opportunity to learn the fundamentals of art and design. The course is broken down into various projects that analyze and investigate the seven (7) main elements of art: Line, Space, Value, Form, Shape, Color, and Texture. Artworks will explore many different mediums that range from 2D to 3D materials. In addition, honors students will be required to complete: <ul style="list-style-type: none"> ● Readings and critiques ● Complete a research paper and presentation about an artist ● Be an active member of the National Art Honor Society. <i>Prerequisite: 84% or better in each of the last four quarters of an Art class.</i> GPA Scale: 4.5
Honors Art Exploration	9259	0.5-1.0	The first semester of this course focuses on 2D art to address a very broad usage of drawing materials and media. Manipulation of line quality, shading techniques, basic drawing and painting skills, printmaking, mixed media, abstract and realistic forms of art will be studied. The second semester focuses on 3D art to address a variety of media such as clay, cardboard, found objects and other sculptural forms both additive (build) and subtractive (carved) will be explored. Quality craftsmanship and presentation

of works are stressed. In addition, honors students will be required to complete:

- Readings and critiques
- Complete a research paper and presentation about an artist
- Be an active member of the National Art Honor Society.

Prerequisite: 84% or better in each of the last four quarters of an Art class.

GPA Scale: 4.5

<p>Honors Band I 372 Band II 376 Band III 380 Band IV 384</p>	<p>0.5-1.0</p>	<p>Expand your musical experiences by being a valued contributing member of this performing ensemble. Develop your musical skills with emphasis on the advancement of instrumental musical technique, the further development of ensemble performance skills, and the rehearsal of intermediate and advanced level band music. A variety of musical genres will be explored. Perfect your musical skills by actively participating in daily large and small ensemble groups, seasonal marching band, pep band, and other community events. In addition, honors students will attend three local concerts each semester. They will share their experiences with the class. Additionally, they will be expected to prepare and perform a solo with accompaniment at both the winter and the spring school concerts, and perform at least once a month for “Tunes at Twelve”. <i>Prerequisite: 84% or better in each of the last four quarters of an Art class.</i></p> <p>GPA Scale: 4.5</p>
<p>Honors Community Art 9264</p>	<p>0.5-1.0</p>	<p>Bringing the classroom to our communities and the communities to our classroom. This class focuses on the act of art as social and economical practice of bringing communities together. Students in this class will visit artists in the community and well as have artists from the surrounding areas visit the classroom. Art in culture, art as a profession, and art as a form of public installation are the main focal points. Students will create a work of art for public installation by the end of this course. In addition, honors students will be required to complete:</p> <ul style="list-style-type: none"> ● Readings and critiques ● Complete a research paper and presentation about an artist ● Be an active member of the National Art Honor Society. <p><i>Prerequisite: 84% or better in each of the last four quarters of an Art class.</i></p> <p>GPA Scale: 4.5</p>
<p>Honors Drama II 9823 Advanced Drama I 9828 Advanced 9834</p>	<p>0.5-1.0</p>	<p>Students will develop performance skills. They will actively participate in the creation process, coming up with ideas that will shape their performance and developing those ideas into a working script. They will also be involved in identifying audience needs and determining what genre or style of work will best suit</p>

Drama II

those needs. Students will develop their skills in vocal delivery: rate, volume, pitch, articulation, pronunciation, and fluency. The final component addressed in this course will be stagecraft, focusing on physical positioning and non-verbal communication to support and enhance vocal content. Honors students will challenge and build their drama experiences beyond what is offered in the classroom by taking on additional responsibilities that include:

- Text: read a supplemental text as part of independent study
- Weekly Learning Objectives: prepare a bi-weekly analysis/presentation of the content within the reading for the week.
- Culminating Project: develop a project that synthesizes the material learned in class and the text read and presented in their independent study.

Prerequisite: 84% or better in each of the last four quarters of a Drama class.

GPA Scale: 4.5

Honors
Drawing &
Illustration

9358

0.5

Study drawing and illustration in depth. Students will receive professional grade art materials and learn how to create the illusion of depth on a two dimensional surface. Explore foreshortening, perspective, shading techniques, still life, life drawing and more. If you want to become a better drawer this is the course for you. In addition, honors students will be required to complete:

- Readings and critiques
- Complete a research paper and presentation about an artist
- Be an active member of the National Art Honor Society.

**This is a one semester course. Prerequisite: 84% or better in each of the last four quarters of an Art class.*

GPA Scale: 4.5

Honors
Folk Art

9854

0.5-1.0

Students will explore art materials in an utilitarian and decorative way. Students will study different forms of folk art from around the world, as well as, the incorporation of crafts and art forms from ethnic minorities. Examples of folk art forms include: Native American bead art, basket weaving, crochet, soap and candle making, pottery, weaving, paper making, jewelry making, Object Assemblage, sewing, collage, quilting and fiber arts. In addition, honors students will be required to complete:

- Readings and critiques
- Complete a research paper and presentation about an artist
- Be an active member of the National Art Honor Society.

Prerequisite: 84% or better in each of the last four quarters of an Art class.

GPA Scale: 4.5

<p>Honors Instrumental Music I 389</p> <p>Instrumental Music II 393</p> <p>Instrumental Music III 397</p> <p>Instrumental Music IV 402</p>	<p>0.5-1.0 Learn how to play an instrument or perfect your skills on your current instrument while focusing on music theory, basic music composition, and music performance. Instrument choices include but are not limited to piano, ukulele, drums, wind instruments, and string instruments. This course is designed for students at any level of musical ability. Explore and perfect a fulfilling lifelong skill that provides a creative outlet for personal expression and enjoyment. In addition, honors students will attend three local musical experiences outside of school each semester. They will share their thoughts about the experience with their peers. Additionally, students will prepare and perform a musical solo at both the winter and the spring school concert. Honors students are also expected to perform at least once a month at “Tunes at Twelve” so that they can share their music with others and experience live performance for themselves.</p>
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Prerequisite: 84% or better in each of the last four quarters of an Art class.

GPA Scale: 4.5

<p>Honors Music I 388</p> <p>Music II 392</p> <p>Music III 396</p> <p>Music IV 401</p>	<p>0.5-1.0 Develop intermediate piano playing skills while focusing on music theory, music composition, music history, and music performance. Explore a fulfilling lifelong skill which provides a creative outlet for personal expression and enjoyment. Learn how to compose an original piece of music. Gain knowledge in the organization and production of musical programs. Attend prescribed musical performances. In addition, honors students will attend at least three local musical performances each semester. They will share their experiences with their peers. Students are expected to prepare and perform a solo with accompaniment at both the winter and the spring school concerts. Students will perform at least once a month at “Tunes at Twelve”. <i>Prerequisite: 84% or better in each of the last four quarters of a Music class.</i></p>
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GPA Scale: 4.5

<p>Honors Orchestra I 373</p> <p>Orchestra II 377</p> <p>Orchestra III 381</p> <p>Orchestra IV 385</p>	<p>0.5-1.0 Further the development of your musical skills on an orchestral string instrument with an emphasis on the advancement of instrumental technique, the further development of ensemble performance skills, and the rehearsal and performance of intermediate to advanced orchestral music. Learn to be responsibly independent and effectively interdependent by being a contributing member of this ensemble. In addition, honors students will attend at least three local musical performances each semester. They will share their experiences with their peers. Students are expected to prepare and perform a solo with</p>
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accompaniment at both the winter and the spring school concerts. Students will perform at least once a month at “Tunes at Twelve”. *Prerequisite: 84% or better in each of the last four quarters of a Music class.*

GPA Scale: 4.5

Honors Painting	9362	0.5	<p>Study painting in depth. Compare different styles of painting along with different techniques and paints. In addition to learning how to manipulate paint on canvas, students will also learn how to stretch their own canvases and paint plein air. In addition, honors students will be required to complete:</p> <ul style="list-style-type: none"> ● Readings and critiques ● Complete a research paper and presentation about an artist ● Be an active member of the National Art Honor Society. <p><i>*This is a one semester course. Prerequisite: 84% or better in each of the last four quarters of an Art class.</i></p> <p>GPA Scale: 4.5</p>
Honors Photojournalism	9256	0.5-1.0	<p>Photojournalism is a course designed to introduce students to the basic principles of photography and to provide them with opportunities to apply those skills to the more specific practice of journalistic photography. The majority of the students practical experience will be with digital photography and it’s application within the field of journalism. In addition, honors students will be required to complete:</p> <ul style="list-style-type: none"> ● Readings and critiques ● Complete a research paper and presentation about an artist ● Be an active member of the National Art Honor Society. <p><i>Prerequisite: 84% or better in each of the last four quarters of an Art class.</i></p> <p>GPA Scale: 4.5</p>
Honors Printmaking	0025	0.5	<p>Explore several forms of art that can be reproduced multiple times after creation, like intaglio, print plates, photographic processes, silk-screening and methods of transferring images. In addition, honors students will be required to complete:</p> <ul style="list-style-type: none"> ● Readings and critiques ● Complete a research paper and presentation about an artist ● Be an active member of the National Art Honor Society <p><i>*This is a one semester course. Prerequisite: 84% or better in each of the last four quarters of an Art class.</i></p> <p>GPA Scale: 4.5</p>
Honors Public Art	9263	0.5-1.0	<p>The purpose of this class is to create art that will be shared with a larger audience in the form of murals, community sculpture, etc. Throughout this class, students will create a permanent piece of</p>

art that will be on display downtown Northport and commissioned through the Northport Arts Association. In addition, honors students will be required to complete:

- Readings and critiques
- Complete a research paper and presentation about an artist
- Be an active member of the National Art Honor Society.

Prerequisite: 84% or better in each of the last four quarters of an Art class.

GPA Scale: 4.5

Honors
Sculpture

572

0.5 Explore 3 dimensional mediums and how to manipulate them, producing sculptures. Some materials include, but are not limited to: fiberglass, styrofoam, clay, plaster, wax, pulp, fabric, paper mache, wood, and metal. If you are into hands on work, using tools, and being up and moving, then this course is for you. In addition, honors students will be required to complete:

- Readings and critiques
- Complete a research paper and presentation about an artist
- Be an active member of the National Art Honor Society.

**This is a one semester course. Prerequisite: 84% or better in each of the last four quarters of an Art class.*

GPA Scale: 4.5

Honors
Yearbook

9255

0.5-1.0 With a focus on photography, students learn the skills needed to take quality photographs. Students will develop skills in the practice of photography, compositional elements, camera usage, photo-editing, and the use of online software. The culminating product of this course is the production of a K-12 Yearbook through TreeRing. Students become proficient using online photo-editing software, like Gimp and Picmonkey. In addition, honors students will be required to complete:

- Readings and critiques
- Complete a research paper and presentation about an artist
- Be an active member of the National Art Honor Society.

Prerequisite: 84% or better in each of the last four quarters of an Art class.

GPA Scale: 4.5

Independent
Art

567

0.5-1.0 Developed for a student who has taken a minimum of four (4) credits worth of high school art classes and earned an 80% or better in all classes. This is a self-directed course in which the student will develop a portfolio of work based on a curriculum theme developed by the student and teacher. The student will focus on developing skills within a specific area of artistic practice of interest. *Prerequisite: 80% or better in four (4) credits of high school art classes.*

GPA: 4.0

Independent Music	9446	0.5-1.0	Learn to play the piano in an independent setting with the guidance of a music teacher. Explore the basics of piano performance while learning about music theory, note-reading, chord structures, scales, and finger positions. Experience the opportunity to perform a learned piece for a live audience at a school concert. Develop an enriching lifelong skill. <i>Prerequisite: Teacher approval</i> GPA Scale: 4.0
Independent Piano	988	0.5- 1.0	Indulge in the benefits of taking private piano lessons right here at Northport School! Research shows that taking private lessons improves intelligence and IQ, enhances cognitive and social development, increases verbal and communication skills, provides a forum for one-to-one student/teacher interaction at the child’s level, promotes self-confidence, improves concentration, provides an emotional outlet in stressful situations, teaches self-discipline and perseverance, etc. etc. etc.! Take advantage of this unique opportunity offered at Northport Public School. Flexible weekly lessons will be arranged by the music teacher in conjunction with the student’s classroom teacher. GPA Scale: 4.0
Instrumental Music I	387	0.5-1.0	Learn how to play an instrument while focusing on music theory, basic music composition, and music performance. Instrument choices include but are not limited to piano, ukulele, drums, wind instruments, and string instruments. Explore a fulfilling lifelong skill. GPA Scale: 4.0
Instrumental Music II	391		
Instrumental Music III	395		
Instrumental Music IV	399 9319 571		
Music I	386	0.5-1.0	Learn how to play the piano while focusing on music theory, basic music composition, music history, and music performance. Explore a fulfilling lifelong skill which provides a creative outlet for personal expression and enjoyment. GPA Scale: 4.0
Music II	390		
Music III	394		
Music IV	398		
Orchestra I	371	0.5-1.0	Further the development of your musical skills on an orchestral string instrument with an emphasis on the advancement of instrumental technique, the further development of ensemble performance skills, and the rehearsal and performance of intermediate to advanced orchestral music. Learn to be responsibly independent and effectively interdependent by being a contributing member of this ensemble. GPA Scale: 4.0
Orchestra II	375		
Orchestra III	379		
Orchestra IV	383		

Painting	9262	0.5	Study painting in depth. Compare different styles of painting along with different techniques and paints. In addition to learning how to manipulate paint on canvas, students will also learn how to stretch their own canvases and paint plein air. *This is a one semester course. GPA Scale: 4.0
Photojournalism	845 010	0.5-1.0	Photojournalism is a course designed to introduce students to the basic principles of photography and to provide them with opportunities to apply those skills to the more specific practice of journalistic photography. The majority of the students practical experience will be with digital photography and it's application within the field of journalism. GPA Scale: 4.0
Printmaking	0020	0.5	Explore several forms of art that can be reproduced multiple times after creation, like intaglio, print plates, photographic processes, silk-screening and methods of transferring images. *This is a one semester course. GPA Scale: 4.0
Public Art	9261	0.5-1.0	The purpose of this class is to create art that will be shared with a larger audience in the form of murals, community sculpture, etc. Throughout this class, students will create a permanent piece of art that will be on display downtown Northport and commissioned through the Northport Arts Association. GPA Scale: 4.0
Sculpture	568	0.5	Explore 3 dimensional mediums and how to manipulate them, producing sculptures. Some materials include, but are not limited to: fiberglass, styrofoam, clay, plaster, wax, pulp, fabric, paper mache, wood, and metal. If you are into hands on work, using tools, and being up and moving, then this course is for you. *This is a one semester course. GPA Scale: 4.0
Set Building & Production I	9830	0.5-1.0	This class begins with a broad look at how a theatrical set augments and supports the actions of the actors. A wide range of topics, including sight lines, budgetary limitations, lighting requirements, structural integrity, simulated visual effects, and mobility of set pieces are considered individually while designing the set as a whole. After weeks of drawing, critiquing, redesigning, and refining plans for a set, students learn how to use assorted tools and use materials to create a beautiful, functional theatrical set. Once set construction is underway, students spend time in the control booth, the lighting catwalk, and on stage adjusting an extensive array of over a hundred "cans," pars, and ellipsoidal lights to bring the set to life. With the lighting gels in place and the lights focused and aimed, students learn how to program the lighting board so that complex lighting
Set Building & Production II	9840		
Set Building & Production III	9844		
Set Building & Production IV	9845		
	859		

changes can be made using the touch of a finger. Finally, students learn the important technique of correctly outfitting each actor with a wireless microphone, and then how to control each mic using the sound mixer in the control booth.

GPA Scale: 4.0

Yearbook

9253
010

0.5-1.0 With a focus on photography, students learn the skills needed to take quality photographs. Students will develop skills in the practice of photography, compositional elements, camera usage, photo-editing, and the use of online software. The culminating product of this course is the production of a K-12 Yearbook through TreeRing. Students become proficient using online photo-editing software, like Gimp and Picmonkey.

GPA Scale: 4.0