

Negaunee High School

2017-2018

Course Descriptions



STUDENT SCHEDULING

Scheduling of classes for high school is an exciting and important process. Students begin to mold their future by the courses they select and the direction they choose in high school. Scheduling time is a good opportunity for families to discuss interests, skills and career plans together. A student's family has a great influence on career decisions and future plans. To assist with this process, each year all students get the opportunity to complete an Educational Development Plan (EDP). The EDP is a snapshot of the goals the student would like to achieve, the extra curricular activities they enjoy, the skills they have, the things they should improve upon and careers they may be interested in. The awareness of their potential future plans helps them to choose meaningful classes during their time in high school.

At school, the scheduling process goes through several steps. First, students meet in the auditorium as a class to hear a summary of course options available. Next, we meet with students in class to hand out the information packets, explain courses, provide guide sheets, review graduation requirements and answer any questions. During this time, we also work to plan the students courses for their entire time in high school. This plan serves as a starting point in designing a high school course plan to fit their future goals. Students are instructed to take home the information packet and review it with their families. Lastly, students return the completed and signed enrollment sheet and register their chosen classes into PowerSchool. The student may meet with us for further assistance at any convenient time.

From student course selections, the number and size of classes are determined. It is therefore very important that careful planning be exercised by parents and students prior to making course selections because changes will, in general, be denied after school begins in September.

We are open to any calls or questions students and parents might have in regard to course selection. We encourage your interest and participation. Our contact information at the Guidance Office is 475-7861 or michelle.morey@negauneschools.org.

GRADUATION REQUIREMENTS

Graduation from Negaunee High School requires the successful completion of twenty-two credits. Any course successfully completed for one semester is given one half credit. Any course successfully completed for the entire year is given one full credit. Negaunee High School grants credit on a semester basis for all courses; that is, a student is required to successfully complete a minimum of one semester to receive credit.

English ~ 4 Credits

English 9A & English 9B – 1.0 Credit
English 10A & English 10B – 1.0 Credit
English 11A & English 11B – 1.0 Credit
Elective English – 1.0 Credit

Science ~ 3 Credits

Physical Science – 1.0 Credit
Biology – 1.0 Credit
College Prep Chemistry 1, Physics, or Environmental Science – 1.0 Credit

Math ~ 4 Credits ~ Option 1 or Option 2

Option 1

Math Foundations – 1.0 Credit
Algebra 1 – 1.0 Credit
Geometry – 1.0 Credit
Algebra 2 – 1.0 Credit

Option 2

Algebra 1 – 1.0 Credit
Geometry – 1.0 Credit
Algebra 2 – 1.0 Credit
Pre-Calculus/Senior Year Course – 1.0 Credit

Option 3

Geometry – 1.0 Credit
Algebra 2 – 1.0 Credit
Pre-Calculus – 1.0 Credit
Calculus/Senior Math – 1.0 Credit

Social Studies ~ 3 Credits

World History – 1.0 Credit
American History – 1.0 Credit
American Government – 0.5 Credit
Economics – 0.5 Credit

Physical Education ~ 0.5 Credit

Health ~ 0.5 Credit

World Language ~ 2 Credits*

Visual, Performing and Applied Arts ~ 1 Credit

Subjects include Technology, Art, Music & Industrial Technology

Computer Class ~ 0.5 Credit

Electives ~ 3.5 Credits

Total Credits ~ 22 Credits

TECHNOLOGY (APPLIED ARTS) / BUSINESS EDUCATION SERVICES

010 BEST - 1 Credit - Year Long Course

Prerequisite: None

BEST is a computer-based business course for freshmen that build skills to help students improve their technology proficiency as they prepare for success in high school and beyond. A variety of topics are covered including: Computer basics (troubleshooting, safety, etc.), Microsoft Office, Google Apps for Education, digital literacy, multimedia editing and production, and several web-based technologies. Audio and video production will be introduced and learning culminates with a video competition project. Students will learn to organize and share media content efficiently while working within an online management system.

Banking, employment and workplace competency skills will also be covered to promote school-to-work success. Problem solving, critical thinking, and decision-making are emphasized throughout the course. Successful completion of BEST satisfies the: 1) NHS computer requirement, 2) Michigan Merit Curriculum Online Learning Experience, and 3) Visual, Performing, Fine Arts credit.

025 Basic Computer Applications - ½ Credit - Semester Long Course

Prerequisite: Only by recommendation of teacher

This course introduces students to the basic uses of a computer. Microsoft Office applications will be used to create various business documents. Available by teacher recommendation only.

030 Computer Services: Level 1 - ½ Credit - Semester Long Course

Prerequisite: Grades 10, 11, 12 - If the student has not completed BEST, this course is required in Grade 10

(Exceptions only per EDP)

This computer course helps students build skills to improve their technology proficiency as they prepare for success in high school and beyond. Topics will include: Microsoft Office, Google Apps for Education, digital literacy, and multimedia technology and software. Students will learn to organize and share media content efficiently while working within an online management system. Successful completion of this course will satisfy: 1) NHS computer requirement and 2) one-half (½) credit of the Visual, Performing, Fine Arts credit and Online Experience required by the Michigan Merit Curriculum. Students who received a passing grade in BEST may **only** take this course with instructor approval.

035 Computer Services: Tech Trends (T2) - ½ Credit - Semester Long Course

Prerequisite: Computer Services Level 1 **or** BEST

This course helps students keep up-to-date on current technology trends and software in order to help them effectively function in an increasingly networked society. Students will: 1) experience online learning first-hand and develop good strategies for success in an online environment, 2) investigate changes and new developments in technology, 3) present information using various media formats such as movies, podcasts, and electronic slide shows, and 4) use of web-based software and digital tools to create projects. This class will empower students to become independent learners and make technology more viable and useful in their daily lives.

095 Computer Services: Tech Ventures (TV) - ½ Credit - Semester Long Course

Prerequisite: Computer Services Level 1 or BEST

TV goes beyond just web design. Every aspect of life, personal and professional, is affected by technology. In this course, students will be put in the driver's seat. Concepts involving marketing, user experience, and product are considered from design to implementation. Basic design principles and standards will be reinforced and a variety of software and tools will be used in the course. Students will have the opportunity to fine-tune their business, coding, animation, multimedia and design skills before incorporating them into a final website. Students learn about project management and teamwork while working on projects throughout the semester.

055 Accounting and Finance - 1 Credit - Year Long Course

Prerequisite: Grades 10, 11, 12

Prepare yourself for the future. Accounting is known as the language of business. This course will introduce students to the financial workings of businesses. Double entry accounting for proprietorships and partnerships will be used to complete financial transactions. Automated accounting procedures as well as the preparation of income statements, balance sheets and other financial statements will be covered. In addition, this course will include checkbook maintenance. Students that are intending to go into any business field after high school will be required to take accounting courses at the college level. This class will provide a well needed jump on the material. In addition this course will help develop organization skills, which are vital in any career choice.

060 Advanced Accounting, Computing and Finance - 1 Credit - Year Long Course

Prerequisite: Grade 11, 12, Accounting & Finance

This class will be a continuation of accounting and finance. The course will focus on the financial workings of Corporations. Transactions involving stock and dividends will be covered as well as business practices surrounding inventory, depreciation and prepaid expenses. A large focus of the class will be on computerized accounting. Automated Accounting Practice Sets will be used extensively to provide an opportunity to practice the skills learned in a real-life simulation.

068 Business Finance - ½ Credit - Semester Long Course

Prerequisite: Grades 10, 11, 12

CNN has reported that the money management skills are the skill high school students are lacking most, which is one of the reasons for the increase in bankruptcy declarations. Don't fall into this trap. The Business and Personal Finance course introduces students to the world of money management and finance. They will better understand what to do with their money by learning about their financial options and responsibilities. They will also learn about the consequences of mismanaged finances. Financial concepts, such as consumer purchasing strategies, consumer credit, investing and insurance will be presented and explained. This course will teach students how to use their personal financial resources to enjoy today and be financially secure tomorrow. A computer simulation will be used throughout the course to reinforce and apply financial concepts and skills.

070 Business Law - ½ Credit - Semester Long Course

Prerequisite: Grades 11, 12

What is the law? How are laws made, changed, and interpreted? How do laws influence the business and personal decisions that individuals make? How do businesses and individuals influence the development and interpretation of laws? These are some of the questions that will engage students who take this course. Attention will be focused on both the substance and the process of our legal system. As a result, students encounter and explore many important social and ethical issues. Students will also examine practical issues related to their daily lives, both now and in the future.

075 Dynamics In Business (DIBS) - ½ Credit - Semester Long Course

Prerequisite: Grades 10, 11, 12

Our society revolves around business. YOU are part of business-now, as a consumer-and soon as an employee or perhaps an employer. This fun and interactive course will cover topics that surround owning and managing a business, the world of work, and being a savvy consumer. Business has long been one of the most declared majors among college students. It's a degree that is general and flexible enough to allow for a variety of career paths such as management, marketing, accounting, and entrepreneurship to name a few. Plumbers, lawyers, electricians, cosmetologists, physicians, ANYONE wanting to run their own business need integrated business skills. Prepare yourself and be a step ahead by taking this class!

085 Work Based Experience (Internship provided through MARESA) - 1 Credit - Semester Long Course

Prerequisite: Grade 12. Minimum 2.0 GPA

Application Form, a Resume, an Educational Development Plan and Excellent Attendance are required.

Work Based Experience is a unique training opportunity for a limited number of senior level students to explore and experience career areas and gain skills for future jobs. Students are individually placed in a local business to learn about careers not taught in current high school or Jacobetti Center classes. This 10-hour (non-paid) per week experience will be offered in career areas where students have both a proven interest and a desire to learn. Please note we are limited by the training sites and occupations of the local community. Students will be expected to follow both internship and their business site attendance rules and policies, which can be more stringent than general school policies. Internship grades are assigned by the internship coordinator and are based on a site supervisor evaluation, student work maturity, learning progress and an electronic journal. Individual site supervisors may assign additional projects/papers. Prior to the start of an internship, the business, parent, school and student must all approve the training schedule. Examples of past sites are broadcasting, plumbing, fashion merchandising, food service, architecture, computers, etc.

There will be a selection process and interview involved before the end of the school year. The internship selection committee will review the student application and recommend/not recommend the student for further program consideration. Good attendance will be a deciding factor. If recommended, students will interview with a business. If placed, students will be notified prior to the beginning of the school year. Because all students are required to attend a safety workshop in the fall, students wishing to participate must make arrangements with the Guidance Office before school begins, even if the experience is scheduled for the spring. Students must provide their own transportation.

ENGLISH

106 English 9A - ½ Credit - Semester Long Course

Grade 9

This course incorporates the study of literature and writing in various genres. Novels, drama, poetry, short fiction and some non-fiction are included. Students are required to write a variety of pieces in response to literature and discussion. Skills in research, reading, and writing are stressed.

111 English 9B - ½ Credit - Semester Long Course

Grade 9

This course reinforces and expands upon the skills learned in the first semester. Students explore themes and styles common to literature from Ancient Greece to the present day. Students interact with and present content using technology in keeping with today's standards.

121 English 10A - ½ Credit - Semester Long Course

Grade 10

This course is designed to help students develop and refine skills in both reading (fiction and non-fiction) and writing in a variety of formats. Course content emphasizes understanding and appreciation of differences in a diverse society.

125 English 10B - ½ Credit - Semester Long Course

Grade 10

This course provides experiences in research, writing and public speaking. Instruction and assignments will address language, delivery, listening skills, audience, organization of ideas, and values in communication. Fiction and nonfiction materials are used.

130 English 11A - ½ Credit - Semester Long Course

Grade 11

This course is a study of American Literature from its beginnings to the twentieth century. Emphasis is on themes inherent in the American experience. Novels, poetry, short fiction and some non-fiction are included. Students are required to write a variety of pieces in response to the literature. Student skills in reading and writing are stressed.

135 English 11B - ½ Credit - Semester Long Course

Grade 11

With the emphasis on American Literature of the twentieth and twenty-first centuries, this course explores the complex issues of culture, society and the human experience. In the context of thematic units of study, students will read and write in a variety of genres. Student skills in reading and writing are stressed.

145 College Prep English I - ½ Credit - Semester Long Course

Grade 12 (May not be offered all semesters)

This course is an in-depth study of the literature and writing at the college level. It will prepare students to develop their abilities to read and discuss and to write paragraphs and short essays about significant subjects. Students will explore a variety of themes and should be able to generate ideas for writing; organize ideas logically; and use correct and effective grammar, spelling, sentence structure, and punctuation. Students will complete works in a variety of genres including: personal narrative, persuasion, literary analysis and research. Furthermore, students will develop their understanding and build college-ready abilities in all of the following areas: rhetoric, composition, conventions, research, multimodality, oral expression and reflection.

150 College Prep English II - ½ Credit - Semester Long Course

Grade 12 (May not be offered all semesters)

This course continues the literary and writing study of College Prep English I. The focus of this course is on the development of the students' abilities to read and discuss as well as write about significant subjects. Students will continue to explore various modes of rhetoric and personal expression to further prepare them for college-level writing. Students will complete works in a variety of genres including: personal narrative, persuasion, literary analysis and research. Furthermore, students will continue to develop their understanding and build college-ready abilities in all of the following areas: rhetoric, composition, conventions, research, multimodality, oral expression and reflection.

160 Individual Literature - ½ Credit - Semester Long Course

Grades 10, 11, 12 (May not be offered all semesters)

This is a course designed to help the student develop their reading abilities through structured reading on the theme or type of their choice. Conference, discussion and some written assignments will determine the grade.

170 Creative Writing - ½ Credit - Semester Long Course

Grades 11, 12 (Grade 10 may enroll with teacher permission, may not be offered all semesters)

This is a course designed to exercise your imagination and allow you to experiment with a variety of creative genres. Students are required to write daily, keep a writer's notebook and produce pieces for evaluation including personal nonfiction, narrative, description, poetry and multi-genre.

185 Poetry - ½ Credit - Semester Long Course

Grades 11, 12 (May not be offered all semesters)

In this course students will become acquainted with poetry not only in the sense of form and ideas, but also how it can enrich and influence their lives. Discussion will be used to encourage students to express their opinions of what and how a poem means. The course will also include a strong writing element in which students will craft original poetry based on themes and models. Individual exploration of poetry and a variety of creative and analytical projects will also be included in the course.

188 World Mythology - ½ Credit - Semester Long Course

Grades 10, 11, 12 (May not be offered all semesters)

This course is designed for the student interested in world mythology and the role it has played, and continues to play, in society. This course will include the study of myths from various cultures, discussion of male and female roles in mythology, and an awareness of the presence of mythology within our own culture.

190 Technical Writing - ½ Credit - Semester Long Course

Grades 11, 12 (May not be offered all semesters)

This is an introductory course in communicating information about technical subjects within a work setting. Students will write reports, proposals, instructions, summaries, e-mails, and memos; develop audience awareness skills; develop skills in document layout and design.

197 Digital Writing - 1 Credit - Year Long Course

Prerequisite: Grades 11, 12 (May not be offered every year)

This course focuses on writing for media other than print. Students will write for a variety of audiences and in a variety of styles. Students will write narrative, descriptive, poetic, and informative pieces. The writing process will be emphasized. Reflection through writing and discussion will also be part of the course. Students will practice skills in research and interview to write about current topics relevant to their school and community. As writers in the new millennium, students will then utilize digital tools to create and disseminate their work to a large audience.

VISUAL & PERFORMING ARTS

ART

205 Art 1 - 1 Credit - Year Long Course

Prerequisite: None, open to Grades 9, 10, 11, 12

This course reviews the visual art elements and principles through the application of various art materials and methods. Students will experiment with a variety of medias. This course is designed to give the student an exploration of the visual arts and creative crafts. The student is encouraged to develop an awareness of the vales of art in our daily lives as a producer and consumer. Art history and art appreciation are also an integral part of this class.

208 Art 2 - 1 Credit - Year Long Course

Prerequisite: One year of High School Art

This is an intermediate/advanced course expanding upon the principles and concepts of Art 1 where students focus more on the creative process and personal expression. Students will also develop a greater understanding of art history, art criticism, and social structures of art and design. Concentrations such as drawing, painting, design, sculpture, printmaking, and ceramic art will be explored in this course. More emphasis is placed on skill, techniques, and originality in the inception and development of the work of art by the student. Art history and art appreciation are also an integral part of this class.

210 Advanced Art - 1 Credit - Year Long Course

Prerequisite: Must have 2 full years of High School Art or Art Teacher Recommendation

This is an advanced and more independently guided art course expanding upon the principles and concepts of Art 1 & 2. Students will focus more on the creative process and personal expression. Students will also develop a great understanding of art history, art criticism, and social structures of art and design. Students will create and explore in a variety of medias and concentrations. Throughout this course students will learn to implement principles of art and design and their personal creativity in multiple dimensions.

MUSIC

225 Mixed Chorus - 1 Credit - Year Long Course

Prerequisite: None, open to Grades 9, 10, 11, 12

This group continues the study of the nine points of vocal production. The chorus learns all styles of music sung in four or more parts. Music reading is a continuous study. Music is prepared for use in public performances, which may require a minimum of after school participation. Other experiences available include solo and ensemble activities.

230 Concert Band - 1 Credit - Year Long Course

Prerequisite: Three years of study on a wind or percussion instrument or the equivalent thereof. This band is comprised of freshmen and sophomores with some upperclassmen with schedule conflicts.

All Concert Band members are members of the Negaunee High School Marching Band and Pep Band. The Marching Band performs at all home varsity football games and the Negaunee observance of Memorial Day. The Pep Band performs at home varsity basketball games. In the Concert Band, music of all styles is prepared and performed. In the context of this, music history and theory are emphasized. The band and its members participate in the various band festivals and the solo and ensemble festivals. Students are encouraged to study privately.

235 Symphonic Band - 1 Credit - Year Long Course

Prerequisite: Five years of study on a wind or percussion instrument or the equivalent thereof. This may be waived under circumstances to include proper instrumentation and scheduling conflicts. This group is comprised of juniors and seniors with some underclassmen.

All Symphonic Band members are members of the Negaunee High School Marching Band and Pep Band. The Marching Band performs at all home varsity football games and the Negaunee observance of Memorial Day. The Pep Band performs at home varsity basketball games. In the Symphonic Band, music of all styles is prepared and performed. In the context of this, music history and theory are emphasized. The band and its members participate in the various band festivals and the solo and ensemble festivals. Students are encouraged to study privately.

240 Jazz Band - 1 Credit - Year Long Course

Prerequisite: A student must be able to read and perform standard band music notation. Auditions will be required pending any overload in the below instrumentation. Prior membership given first choice.

Devoted to the study of jazz music, this class will meet five days a week. Most days will be strictly for performing music written in the jazz idiom, which includes improvisation, with time spent studying the history of jazz music in America. Instrumentation for the jazz band will be as follows:

4 Alto Saxes	2 Tenor Saxes	1 Baritone Sax
4 Trumpets	4 Trombones	2 Pianists
1 Percussionist	1 Rhythm and Lead Guitar	1 Bass Guitarist

245 Orchestra - 1 Credit - Year Long Course

Prerequisite: Four years of study on a stringed instrument or the equivalent thereof. This may be waived with the permission of the director under special or unusual circumstances.

Orchestra is a performing ensemble open to all high school students. A strong background in string technique is the only prerequisite. Music of all periods and styles are performed. The orchestra performs several times a year in the community plus there is an opportunity to participate in music festivals. Private study is encouraged as well as the opportunity to play in small ensembles.

WORLD LANGUAGES

305 Spanish I - 1 Credit - Year Long Course

Spanish 1 is an introduction to the language with listening and speaking being stressed. Attention will also be given to the culture and history of the Hispanic people. Recommended to begin Spanish requirement in 9th grade.

310 Spanish II* - 1 Credit - Year Long Course

Prerequisite: Spanish I

Spanish 2 is a continuation of first year with more emphasis on fluency in all areas; speaking, listening, reading and writing. Culture and history will be studied as well. Fulfills the World Language requirement.

315 Spanish III - 1 Credit - Year Long Course

Prerequisite: Spanish II

Spanish 3 goals are to expand and reinforce the grammatical base of the students. More abstract concepts will be presented at this level as well as more structured writing, light literature, and film. Class will use as little English as possible.

320 Spanish IV - 1 Credit - Year Long Course

Prerequisite: Spanish III

The Spanish 4 level students should feel very comfortable with the language and culture of the Hispanic world. Literature will become a larger portion of the class work. Classes will be conducted predominately in Spanish.

* Students may substitute a CTE Program or 2 credits of a Visual & Performing Arts class aligned with their EDP to meet the 2nd year of the World Language requirement. The same Visual & Performing Arts credits cannot be used to meet both the World Language and Visual & Performing Arts requirement. A student cannot double count a class to meet graduation requirement.

HUMAN SERVICES

775 Peer to Peer Coaching - ½ Credit - Semester Long Course

Prerequisite: Approval of Instructor

This program is designed for general education students interested in learning about students with I.E.P.'s and about individual students within the Negaunee Public School District. The students work together in an integrated, positive fashion, to promote socialization, independence and strong friendship bonds that last throughout high school and beyond. Peer Coaching is about creating connections within a diverse group of students and ensuring that all students are acknowledged for what makes them different and what makes them and all of us the same. This is a general elective course that awards credit as approved by the Michigan Department of Education and a grade to general education students.

425 Hospitality & Culinary Arts - 2 Credits - Year Long Course

Prerequisite: Grade 12

This Culinary/Hospitality high school course offered at the NMU Jacobetti Center will introduce students to skills and careers in the diverse hospitality industry. The course will cover guest services, culinary arts, baking, sanitation, applied math/finance and safety taught in lab (40%) and lecture (60%) learning experiences. Students will participate in catering and cafeteria operations taught in culinary arts and baking. Students can earn up to 10 NMU credits based on their course performance and faculty recommendations. 1. Classes will meet four days a week from 12:21-2:21pm, and the fifth day is an online day. 2. Students must provide their own transportation.

450 Health Occupations Program (HOSA) - 2 Credits - Year Long Course

Prerequisite: Grade 12

This vocational course is designed for the student to explore the diversity of the health care field. During the 1st & 2nd semesters, students are instructed in anatomy and physiology, diseases and treatment, medical math, and medical terminology. Personal care skills will be taught and practiced within a lab setting. In the 2nd semester, CPR and First Aid certifications will be earned and students move out into the clinical setting 3 days a week starting in March. Students will explore a variety of health careers by observing in areas such as Emergency Room, Obstetrics, Surgery, Cardio-Pulmonary Services, Physical and Occupational Therapy, Radiology, and Laboratory. Under supervision, students will practice nurse aide skills at the hospital and nursing home. Other community clinical experiences may be available, such as pharmacy, dental, chiropractor, and veterinary. College credits may be earned for Medical Terminology and CPR/First Aid for NMU, LSSU, Finlandia, and Bay. Good attendance is mandatory. Students will be bussed to the site.

460 Cosmetology - 2 Credits - Year Long Course

Prerequisite: Grade 12

This Cosmetology high school course offered at the Main Street School of Cosmetology in Ishpeming, will introduce students to the cosmetology and manicuring careers. The lecture (40%) portion of this course will cover chemical texturizing, hairdressing and styling and bacteriology/infection control. The practical lab (60%) will cover hands-on techniques that correspond with lectures. Based on performance and attendance, students can accrue the training hours required for a State of Michigan Cosmetology License at an accelerated pace. 1. PLEASE NOTE: This program requires the student to pay tuition and does not earn college credit. 2. Classes meet five days a week. Students can choose a two or three hour block class, either in the morning or afternoon. 3. Students must provide their own transportation.

INDUSTRIAL TECHNOLOGY (APPLIED ARTS)

505 Drafting/Computer Aided Drafting I - 1 Credit - Year Long Course

Prerequisite: None

General drafting is a general introductory course in shop math blueprint reading, freehand sketching and an introduction to Computer Aided Drafting (CAD). Students will learn basic drafting principles that will allow them to advance to Mechanical or Architectural CAD. General Drafting is required for all **Industrial Technology Majors** and is a prerequisite for all Computer Aided Drafting and all **Industrial Technology** courses. This course is also recommended for all students in a college track entering a technical field.

510 Computer Aided Drafting II - 1 Credit - Year Long Course

Prerequisite: Drafting

This is a comprehensive course in machine, mechanical and sheet metal drafting. Students are given the knowledge and skills necessary to design and draw complex working drawings using Computer Aided Drafting (CAD) techniques. Drafting craftsmanship is emphasized. This course should be taken by the student planning a career in drafting, engineering, manufacturing, art and design, or going on to technical school.

515 Advanced Computer Aided Drafting I - 1 Credit - Year Long Course

Prerequisite: Computer Aided Drafting II

This is a comprehensive course in architectural design. Students are given the skills necessary to design and produce a complete set of working architectural drawings. Computer Aided Drafting (CAD) techniques will be used and drafting craftsmanship is emphasized. This course should be taken by the student planning a career in drafting, engineering, manufacturing, art and design, or going on to technical school.

520 Advanced Computer Aided Drafting II - 1 Credit - Year Long Course

Prerequisite: Advanced Computer Aided Drafting I and Instructor's permission

Advanced Computer Aided Drafting (CAD) allows the student to improve on the skills already learned and to apply new (CAD) techniques. The class will involve many areas related to engineering including civil, architectural and mechanical. The students will be involved in a civil engineering bridge building program. The students will keep a portfolio of their work for future reference. This class is highly recommended for students interested in majoring in engineering, architecture, computer aided drafting or entering a technical school.

525 Woodworking I - 1 Credit - Year Long Course

Prerequisite: None

This is the first woodworking course designed for beginners. Students in this course will receive broad basic experience, which should be of benefit to all students taking it. Work will be performed with hand tools on several different wood species, including both softwoods and hardwoods. Common materials and simple fasteners will be introduced so that the student will have some experience with joinery and assembly work. Orthographic drawings will be used, some will be developed. Planning and problem solving will be among many experiences afforded the students of this course. Also, simple finishes, refinishing and elementary machine woodworking will be introduced along with safety procedures.

530 Woodworking II - 1 Credit - Year Long Course

Prerequisite: Drafting or instructor approval and Woodworking I

This course deals with the fundamentals of machine woodworking. Given the necessary tools, materials and requisite knowledge the student shall:

1. Operate safely and correctly such machines as the table saw, joiner, planer, shaper, handsaw, jigsaw and grinder. Acquire such knowledge as selection of suitable materials for the job, blueprint reading, shop calculations, finishing procedures and safety rules and regulations.
2. Develop an appreciation for good craftsmanship and correct work habits.

540 Woodworking III & IV - 1 Credit - Year Long Course

Prerequisite: Woodworking I & II, or instructor approval & Drafting

Advanced woodworking is for students who have the prerequisite in handling the materials and using power machinery. The students are expected to draw and design a project on their own. The course involves cabinetmaking, wood finishing and woodturning.

545 Metals Welding I - 1 Credit - Year Long Course

Prerequisite: None

Metals Welding I provides a variety of experience related to the metal working field. The broad areas of Metals are divided into bench metal, sheet metal, and basic welding, metal forming, bending, fastening, and finishing. Basic problem solving is central within this course.

550 Metals Welding II - 1 Credit - Year Long Course

Prerequisite: Drafting or instructor approval and Metals Welding I

Metals Welding II is a continuation of the study of metals. Emphasis is placed on bench metals, basic machine operation and heat treatment and shop safety. Multiple position welding is also part of this course

555 Metals Welding III - 1 Credit - Year Long Course

Prerequisite: Metals Welding II and drafting or instructor approval

Metals Welding III is a course continuing with machine tool operation and advanced gas and arc welding. Emphasis is placed on complex machine set-up. Arc welding is taught with emphasis on welding joints in the flat, horizontal, vertical, and overhead position.

560 Metals Welding IV - 1 Credit - Year Long Course

Prerequisite: Metals Welding III and drafting or instructor approval

Metals Welding IV is a course continuing with machine tool operation, advanced welding, welding applications with an emphasis towards welding certification.

575 Vocational Automobile Mechanics - (2 Hour Block) - Westwood High School - 2 Credits - Year Long Course

Prerequisite: Grade 12

This course is designed to provide the student with job entry skills in the field of auto mechanics. Instruction will be devoted practical application of skills related to automotive mechanics. Areas to be covered are: safety, engine fundamentals, electrical systems, emission controls, power trains, suspension, steering, brakes, tires, engine testing and trouble shooting. Owning or having a vehicle available is recommended but not necessary.

580 Aviation Maintenance Technology - (2 Hour Block) - NMU Jacobetti Center - 2 Credits - Year Long Course

Prerequisite: Grade 12, Algebra 1, Metals or Woods, General Science or Physics or Chemistry or Biology

This course teaches aircraft fundamentals such as reciprocating engine operation, propeller theory, flight control system and inspection methods. Students will also study physics of flight, aviation math, basic electricity along with the use of hand tools.

As a part of the class students will be placed on a one to two week internship at the Envoy Repair Facility located at KI Sawyer.

1. Classes will meet five days a week from 1:00pm to 3:40pm. 2. Students must provide their own transportation.

585 Welding - (2 Hour Block) - NMU Jacobetti Center - 2 Credits - Year Long Course

Suggested Prerequisite: Grade 12, Applied Math, Metals, Blueprint Reading

This course teaches the basic types of metal cutting, brazing and welding techniques. Emphasis is placed on welding in various positions on metal. Successful course completion prepares students for entry-level jobs in metal fabrication, maintenance or construction fields and students will receive advanced placement credits for college Introduction to Welding. Students can earn up to 11 NMU credits based on their course performance and faculty recommendations. 1. Classes will meet four days a week from 12:21pm-2:21pm and the fifth day is an online day. 2. Students must provide their own transportation.

590 Survival in an Electrical World - (2 Hour Block) - Westwood High School - 2 Credits - Year Long Course

Prerequisite: Grade 12, Solid background in Science, Physics and Math

Our world, our lifestyle is so dependent on electricity. We use electricity where we work, where we shop, in our homes, our cars, our RV's and so much more. Wouldn't it be nice for you to have a basic understanding of electricity to keep some "things" working? This course is designed to provide students with basic understanding and be a foundation for further training in the field of residential, commercial and industrial electrical techniques and practices. Students will learn the basics of electricity, electronics, sensors, pneumatics and hydraulics and some mechanical. There are industry tours, lectures and many labs on real equipment and mock-ups. Students will also study Programmable Logic Controllers (PLC) programming with applications, AC/DC motor drives, computer controlled lath/milling machine and other things the instructor dreams up.

595 Automotive Technician - (2 Hour Block) - NMU Jacobetti Center - 2 Credits - Year Long Course

Prerequisite: Grade 12

Students in this program gain an overall technical foundation of theory and practical applications in engine repair, automatic transmissions, chassis systems, power trains, vehicle electrical systems, fuel and ignition systems and computer control systems. State certification tests are offered at the end of each semester. Students can earn up to 13 college credits while in high school.

1. Classes will meet four days a week from 12:30pm-2:30pm, and the fifth day is an online day. 2. Students who successfully complete the program will have the opportunity to become a Certified Subaru Technician. 3. Students must provide their own transportation.

MATH

601 Math Foundations - 1 Credit - Year Long Course

Prerequisite: Recommendation of High School and Middle School Math Departments.

This course will review the skills needed for the development of algebra. Some of the material to be studied will be variables, graphs, linear equations and their graphs, functions, solving equations, and solving inequalities. This course will be taught to the new Common Core State Standards

622 Algebra 1 - 1 Credit - Year Long Course

Prerequisite: Successful completion of Math Foundations and recommendation of previous mathematics teacher.

This is a course providing fundamental background in the algebraic skills and concepts required for pursuing higher mathematics. Some of the material to be studied will be systems of equation and inequalities, exponential functions, factoring, quadratic equations, and logarithms. This course will be taught to the new Common Core State Standards.

635 Geometry - 1 Credit - Year Long Course

Prerequisite: Algebra I

Students studying geometry in high school will further develop analytic and spatial reasoning. They apply what they know about two-dimensional figures to three-dimensional figures in real-world contexts, building spatial visualization skills and deepening their understanding of shape and shape relationships. Geometry includes a study of right triangle trigonometry that is developed through similarity relationships. These topics allow for many rich real-world problems to help students expand geometric reasoning skills. Students will also study formal logic and proofs, through the use of theorems, postulates and definitions. This course will be taught to the new Common Core State Standards.

625 Algebra 2 - 1 Credit - Year Long Course

Prerequisite: Geometry & Algebra I

This course contains the mathematics that most colleges want or expect you to have studied. Familiar topics such as properties of numbers, graphs, expressions, equations and inequalities are used daily. New topics include the concept of function, matrices, quadratics, sequences and modeling of data. A graphing calculator is used throughout the year. This course will be taught to the new Common Core State Standards

640 PreCalculus - 1 Credit - Year Long Course

Prerequisite: Algebra 2 and recommendation of previous teacher

This is a course in advanced mathematics designed to bridge the gap between Algebra and calculus. Content includes a review of linear and quadratic functions, an introduction to exponential, logarithmic, circular and trigonometric functions, a brief study of statistics, and transformations of graphs and data. The class is designed to prepare students for reading mathematics at the college level. This course will be taught to the new Common Core State Standards

645 Calculus - 1 Credit - Year Long Course

Prerequisite: Precalculus and recommendation of previous math teacher

This is a fifth year math course designed to give students a better understanding of some advanced topics in mathematics. The applications of derivatives, integration, transcendental functions and techniques of integration and derivatives are covered.

Senior Year Math Course: A senior who has finished Algebra 1, Algebra 2, and Geometry may take a CTE class in place of a math class with permission of the principal. Some examples are: Accounting & Finance, Advanced Accounting, Architectural CAD, Advanced CAD, Welding (NMU Jacobetti Center), Aviation (NMU Jacobetti Center), Autos (NMU or WHS), Survival in an Electrical World (WHS), Health Occupations Program (HOSA), and Physics if not using as part of 3 credit science requirement.

PHYSICAL EDUCATION

700 Health Education - ½ Credit - Semester Long Course

Grade 9

This course will deal with the study of the causes and prevention of dangerous communicable diseases and the requirements for maintaining good health. Instruction will cover physiology and hygiene with a special reference to the nature of alcohol, tobacco and narcotics and their effects upon the human system. Health class will deal extensively with developing one's mental health, including self-esteem. In addition, reproduction and sexually transmitted diseases will be covered with an emphasis on AIDS education, along with CPR/AED Training.

705 General Physical Education - ½ Credit - Semester Long Course

Grade 9

This is a required physical education course. It will include basic skill development in many activities. Emphasis will be on team and individual sports, which include such activities as badminton, floor hockey, softball, basketball, tumbling and gymnastics, volleyball, etc. The swimming unit will emphasize instruction in basic swimming skills and basic water safety.

710 Advanced Physical Education - ½ Credit - Semester Long Course

Prerequisite: Grades 10, 11, 12

This course is developed to give the student the opportunity to participate in an individualized physical education program. Students will be able to develop their own program. Activities may include aerobics, badminton, basketball, flag football, soccer, tennis, softball, volleyball, weight training/conditioning. Advanced personalized physical fitness programs may be structured to one's own individual needs.

716 Swim and Stay Fit - ½ Credit - Semester Long Course

Prerequisite: General Physical Education

This course is designed for swimmers and non-swimmers who want to develop a personal physical fitness program using a variety of aquatic activities. The course content will include paddleboard work, basic stroke technique, basic survival skills and aquatic games. Course content for advanced swimmers will also include endurance swimming, water exercise and some life saving skills.

DRIVER EDUCATION

750 Driver's Education - ¼ Credit - This credit does not count toward GPA.

Students who are 14 years 8 months at the beginning of the course may register in the principal's office. Course will be offered a few times a year with attendance mandatory.

DIRECTED STUDY

791 Freshman Directed Study

792 Sophomore Directed Study

793 Junior Directed Study

794 Senior Directed Study - All are ½ or 1 Credit - Semester or Year Long Course

Prerequisite: Referral from classroom teacher. (May not be taken in conjunction with Study Hall)

This course is designed to support students as they develop study strategies, time management and organizational techniques to improve academic success. Students are expected to come to class prepared with texts and materials from core curriculum classes to study and refine their academic skills and utilize time wisely.

797 Directed Studies in Math/Science - 1 Credit - Year Long Course

Prerequisite: Math or Science Teacher Referral (May not be taken in conjunction with Study Hall)

This course is designed to provide direct support for math and sciences classes, study current concepts, refine their skills, and apply concepts to related assignments. Students will develop/strengthen study skills, read related material, and apply strategies to improve their academic success.

SCIENCE

805 Physical Science: Topics in Chemistry - ½ Credit - Semester Long Course

Prerequisite: Algebra I concurrent or prior

This is half of an introductory Physical Science course that will be offered in the Fall Semester each year and will emphasize the application of the scientific method, inquiry and reflection through hands-on laboratory experiences and problem solving techniques. Topics such as properties of substances, separation processes, elements and compounds, the atomic model, atomic structure, chemical reactions, acids and bases will be included.

806 Physical Science: Topics in Physics - ½ Credit - Semester Long Course

Prerequisite: Algebra I concurrent or prior

This course will be offered in the Winter Semester each year and will continue the emphasis on problem solving and hands on experiences through student projects and laboratory experiences. Topics will include forces, motion, work, energy, waves and their properties, and electricity.

830 Biology - 1 Credit - Year Long Course

Prerequisite: Grades 10, 11, 12 and credit in Physical Science, or taken concurrently with permission of instructor.

This is a one-year class, which surveys the field of biology. Topics include: Scientific Method, Diversity of Life, Ecology, Energy & Living Things, Cell Biology, Genetics & Natural Selection, Basic Microbiology, Plant Form & Function, and Animal Diversity. This class is designed to aid the student in developing laboratory skills and is essential for anyone planning a career in any type of biological science. An insect collection project is required for credit in this class.

835 Advanced Biology - 1 Credit - Year Long Course

Prerequisite: A grade of "C" or higher in General Biology or written permission of the instructor.

Chemistry is very helpful, either taken concurrently or prior to taking this class. Advanced Biology is a continuation of General Biology and is somewhat more challenging. Topics include: Human Anatomy & Physiology, and Molecular Genetics. A term paper is required for credit in this class.

843 College Prep Chemistry I - 1 Credit - Year Long Course

Prerequisite: C or Better in Physical Science, Algebra I or equivalent, Junior or Senior Status or Permission of instructor.

College Prep Chemistry I will engage the student in the same topics as Chemistry, but will require a more thorough mastery of them. This course in Chemistry emphasizes the laboratory and problem solving skills needed for further study in chemistry. A strong background in mathematics will be necessary, as students will delve more deeply into the mathematical relationships in science. This course will qualify as a required Chemistry credit for graduation under the new Michigan Merit curriculum. It will encompass all the topics required for the Michigan Content Area Expectations in Chemistry and will prepare students for the Michigan Merit Exam and for College Prep Chemistry II.

848 College Prep Chemistry II - 1 Credit - Year Long Course

Prerequisite: C or better in College Prep Chemistry I or Permission of Instructor

College Prep Chemistry II is an extension of College Prep Chemistry I with emphasis placed on more advanced problem solving, real world applications, writing in science, energy and thermodynamics, equilibrium and molecular structure. Extensive laboratory skills are practiced. This course is recommended for students who plan to pursue a career in the medical or engineering fields.

850 Physics - 1 Credit - Year Long Course

Prerequisite: Precalculus or currently enrolled in Precalculus or permission of instructor.

Physics is a course to teach the fundamentals of Physics with emphasis on problem solving and graphical solutions. The first half of the course deals with mechanics, while the second half is a study of heat, light and electricity. Development of laboratory skills and handling of laboratory data is an important part of the course.

860 Environmental Science - 1 Credit - Year Long Course

Prerequisites: Grade 11 or 12 and credit in Biology

Environmental Science is a course designed to emphasize the relationships of plants and animals to each other and to their environment. Students will use scientific skills necessary to identify and analyze a wide variety of environmental issues. Topics include: soil and water science, biodiversity, human impacts, land use planning, conservation, waste management, and energy resources.

SOCIAL STUDIES

910 Current Events - ½ Credit - Semester Long Course

Prerequisite: Grades 11, 12

A discussion-oriented class, using a weekly news magazine as a textbook. It develops analytical skills, as well as informing the student about the local, national and international news.

915 Economics - ½ Credit - Semester Long Course

Required by all seniors

This course will teach students the fundamentals of Economics. The four major topics of study to be covered throughout the semester are as follows: The Market Economy, The National Economy, International Economy, and Personal Finance. After completion of this course students will be able to understand the fundamental constraints imposed by limited resources, the resulting choices people have to make, and the trade-offs they face. They will be able to explain how economies and markets work and how people function within them. Students will also understand the benefits and costs of economic interaction and interdependence among people and nations.

925 World History - 1 Credit - Year Long Course

Required by all Sophomores

World History is a year long social studies course dealing with world history since the Dark Ages (ca. 1000 CE). Each semester is worth a half credit. The course content will cover the four major strands of the Social Studies curriculum: geography, economics, politics, and history. They will also study how history is made by examining sources and types of sources. Students should be able to understand and explain the major ideas, movements, and events that shape world history.

930 American History - 1 Credit - Year Long Course

Required by all juniors

This is a survey of the major events of American History from Reconstruction to the present. The first semester focuses on Reconstruction, the Westward Movement, Industrialization, the U.S. becoming a world power, the Progressive Era, WWI, the Roaring 20's, the Great Depression, Roosevelt and the New Deal. The second semester covers the causes of world conflict during the 1930's, U.S. involvement in World War II, the development of the Cold War, the Korean and Vietnam Wars, the Civil Right Movement, and a review of the accomplishments of Presidents from Truman to the present.

935 American Government - ½ Credit - Semester Long Course

Required by all seniors

American Government is a one-semester course, which all students must successfully complete if they are to graduate. The class is designed to be an introductory examination of the form and function of our present government. Although the major portion of the course is spent on the study of the National Government, state, county and local governments are by no means neglected. The class consists of four units and a major ten-week project.

940 Sociology - ½ Credit - Semester Long Course

Prerequisite: Grades 11, 12

This class is designed to introduce the student to some of the basic concepts of Sociology as a science. The concepts of Culture, Social Control, Deviant Behavior, Social Organization, Groups and Interaction, and the socialization Process are emphasized.

ARTICULATION AGREEMENT

Negaunee High School students can earn from 2 -16 college credits at NMU through the following courses: Woodworking, Metals / Welding, Computer Aided Drafting, Automotive Technology, Health Occupations Program (HOSA), Aviation Maintenance Technology, Automotive Technician, and Business. If you are interested in learning more about this talk to Mr. Marana, Mrs. Morey, Mr. Bell, or Mrs. Nebel.

CAREER AND TECHNICAL EDUCATION (CTE) PROGRAMS

Career and Technical Education Programs (CTE) at Negaunee High School prepare students for college and career through hands-on/minds-on project-based learning. CTE standards include academic foundations, technical skills, communication, safety, problem solving, ethical and legal responsibilities, and other essential employability skills. These can be achieved through the following programs: Computer Aided Drafting, Metals/Welding, and Business/Finance. All state-approved CTE secondary programs provide students with the opportunity to “test-drive” a career and earn college credit.

MARQUETTE-ALGER TECHNICAL MIDDLE COLLEGE

The Marquette Alger Technical Middle College (MATMC) is a public, tuition-free, early college program that enables students from throughout Marquette and Alger Counties to earn a high school diploma and a significant number of college credits (up to an Associate Degree) from Northern Michigan University (NMU) at no cost to the students or their families. Students begin taking dual enrollment courses at NMU during the second semester of Grade 11 and they must commit to enrolling in an additional year of dual enrollment college courses after Grade 12. Students pursue a post-secondary certificate or associate degree in one of the following programs: Radiography, Clinical Lab Tech, Surgical Tech, Industrial Maintenance (Welding), Electrical Technology, Automotive Technology, Building Technology, Aviation Maintenance or HVACR (Heating, Ventilation, Air Conditioning and Refrigeration). Students apply for acceptance during their sophomore year and enroll prior to their junior year. For more information contact Brian Sarvello at (906) 226-5135.

ADVANCED PLACEMENT (AP) TESTING

The AP Examinations are administered each year in May and represent the culmination of college level knowledge in a given discipline. The AP Exams test students' ability to perform at a college level.

College credit can be earned by achieving a qualifying score on the AP exam. Each post-secondary institution departments and/or colleges within the institution determine qualifying scores.

Students should visit www.collegeboard.com for a listing of available tests and also work with their post-secondary institution to determine scores needed and how taking an AP test would fit with their curriculum. To sign up for AP testing, contact the NHS Guidance Office. Cost to take the test will be paid by the District.

POST - SECONDARY (DUAL) ENROLLMENT OPTION PROGRAM

The Board of Education recognizes the value to students and to the District for students to participate in courses offered by accredited and degree-granting colleges and universities in Michigan. Eligible postsecondary institutions shall include state universities, community colleges, and independent nonprofit degree-granting colleges or universities located in Michigan and that choose to comply with the Post Secondary Enrollment Options Act.

Eligible Students Must:

- Be in grades 9-12.
- Have achieved minimum test scores in MME/M-Step/PSAT or alternative test in subject being taken.
- Be in high school not more than four years.
- Not be a foreign exchange student.
- Take up to a maximum of 10 total classes.

How many classes a student can take is based on what grade they are in when they first dual enroll:

- Grade 9: not more than two each year for the first three years they participate and four in their fourth year of participation.
- Grade 10: not more than two courses the first year, and not more than four courses during the second and third academic years.
- Grades 11, 12: not more than six courses during either of those academic years (though for a maximum of 10 courses between both years).

Eligible Courses

An eligible course has to be one that is:

- Not offered by the school or the student cannot take a course because of a scheduling conflict beyond his/her control.
- Taken for credit (high school credit, college credit, or both) and applicable toward a postsecondary degree at the institution where the course is being taken. The course must not be a remedial or non-credit bearing course at a university, community college, or independent non-profit degree granting college or university. (Note: a student can opt to receive high school and/or postsecondary credit for the course. This must be decided upon at the time of enrollment).
- The course may not be an activity, hobby craft, recreational, physical education, theology, divinity, or religious course.

Tuition Support & Process

- Student dual enrolls
- College or university sends a bill for tuition and fees to the local school district.
- Local district pays the bill up to the prorated percentage of the statewide pupil-weighted average foundation allowance.
- The student receives a bill from the college or university for the balance and pays the college or university.

Dropping A Class

- Student drops the class.
- College or university sends any applicable refund to the local school district.
- If the refund is more than what the local district paid for the class on the student's behalf, the local district returns the difference to the student, OR If the amount is not enough to fully reimburse the local district, the district may bill the student for the difference between the refund and the amount paid. If a student participating in the postsecondary (dual) enrollment program fails to successfully complete an eligible course, the student and his/her parents are responsible for reimbursing the District for such charges incurred by the District for such enrollment. In the event reimbursement is not made in a reasonable period of time, the Superintendent is authorized to file claim against the student and/or his/her parents in Small Claims Court for collection.

Dual Enrollment at NORTHERN MICHIGAN UNIVERSITY

NMU Admissions Requirement: NMU requires that students interested in being dually enrolled must have a minimum 3.0 GPA in academic, college-preparatory classes and a corresponding SAT (if the student has taken the test).

NMU Process: A high school student wishing to enroll in NMU courses while still in high school must provide the documents listed below:

- Completed Application for Admission
- Application fee of \$30.00
- Official high school transcript
- ACT or SAT score, if the student has taken it.
- Completed “Dual Enrollment – Permission to Enroll Form”
- The NHS Guidance Office will help in this process

Once these documents are received, the materials will be reviewed by the Director of Admissions. You will be notified by the Admissions Office if you are admitted.

ONLINE COURSES

On-line courses help provide students with alternative scheduling options. Students may enroll in up to 2 online courses per semester. The online courses, plus the courses taken at NHS, may not exceed seven (7) for each semester. Each course is ½ credit per semester. Grades earned in the course will be calculated into the GPA & class rank.

Online courses can be found in the district/statewide catalog by following the links from the Negaunee Public Schools website or visiting: www.micourses.org.

It is imperative that the student and parents are in communication with the administration/counseling staff regarding courses they may be interested in to determine eligibility and graduation requirements. All courses must be approved by the administration before enrollment.

TESTING OUT OF HIGH SCHOOL COURSES

The Negaunee Public Schools Board of Education shall grant high school credit in any course to a pupil enrolled in high school, but who is not enrolled in the course, who has exhibited a reasonable level of mastery of the subject matter of the course by attaining a grade of not less than C+ in a final exam in the course, or, if there is no final exam, by exhibiting that mastery through the basic assessment used in the course which may consist of a portfolio, performance, paper, project or presentation. For the purpose of earning credits under this section, any high school pupil may take the final examination in any course. Credit earned under this section shall be based on a “pass” grade and shall not be included in a computation of grade point average for any purpose. Credit earned under this section shall not be counted towards graduation, but shall be counted toward fulfillment of a requirement for a subject course and shall be counted toward fulfillment of a requirement as to course sequence. Once credit is earned under this section, a pupil may not receive credit thereafter for a course lower in course sequence concerning the same subject area.

Procedure to implement:

August “Testing-Out”

Students must request to test-out by May 15th.

December/January “Testing-Out”

Students must request to test out by November 15th.

Because of other parts of the school code, Physical Education and Government are excluded from this option.

MICHIGAN MERIT CURRICULUM (MMC)

The Michigan Merit Curriculum specifies a common set of credits required for a student to obtain a high school diploma. It also provides educators with a common understanding of what students should know and be able to do to receive credit. Obtaining these credits also serves as the foundation of skills needed in order to succeed in college and/or the workplace.

In order for a student to receive a high school diploma, they must demonstrate proficiency in each area of the content as specified by the MMC and local district Board of Education. A local Board of Education can require credits beyond those specified by the MMC. The local Board of Education must also determine what constitutes “proficiency”.

PERSONAL CURRICULUM (PC)

Parents with questions about PC should get in contact with their student’s counselor.

The PC is a mechanism that can be initiated by a parent to modify specific MMC credits and/or content expectations based on the individual learning needs of a student. The intent of the PC option is to assure the relevance of the student’s course of study and facilitate the achievement of postsecondary goals. The use of the PC option should be the exception as the intent of the MMC is to provide a rigorous and relevant curriculum for all students who will obtain a high school diploma.

The PC must align with the high school content expectations and must include as many of the content expectations of the MMC as is practicable.

A student can still be awarded a high school diploma providing the student successfully completes the PC expectations and remaining requirements of the MMC (recognizing that the PC may modify one or more of the MMC requirements)

FOR APPLICATION OR FURTHER INFORMATION CONTACT THE GUIDANCE DEPARTMENT.

The Negaunee Public School District does not discriminate on the basis of race, color, national origin, sex, age, disability, height, weight, religion or marital status in its program and activities.

GRIEVANCE PROCEDURES FOR TITLE VI OF THE CIVIL RIGHTS ACT OF 1964 TITLE IX OF THE EDUCATION AMENDMENT ACT OF 1972 TITLE II OF THE AMERICANS WITH DISABILITY ACT OF 1990 SECTION 504 OF THE REHABILITATION ACT OF 1973 AGE DISCRIMINATION ACT OF 1975

SECTION I

Any person believing that the Negaunee Public School District or any part of the school organization has inadequately applied the principles and/or regulations of (1) Title VI of the Civil Rights Act of 1964, (2) Title IX of the Education Amendment Act of 1972, (3) Section 504 of the Rehabilitation Act of 1973, (4) Title II of the Americans with Disabilities Act of 1990, and (5) Age Discrimination Act of 1975, may bring forward a complaint, which shall be referred to as a grievance, to the local Civil Rights Coordinator, Geoff Lasich, Administrative Aide for Finance, 101 South Pioneer Avenue, Negaunee, Michigan 49866. (906) 475-4157.

SECTION II

Any person who believes a valid basis for grievance exists shall discuss the grievance informally and on a verbal basis with the local Civil Rights Coordinator, who shall in turn investigate the complaint and reply with an answer to the complainant within five (5) business days. The complainant may initiate formal procedures according to the following steps.

Step 1: A written statement of the grievance signed by the complainant shall be submitted to the Local Civil Rights Coordinator within five (5) business days of receipt of answers to the informal complaint. The coordinator shall further investigate the matters of grievance and reply in writing to the complainant within five (5) days.

Step 2: A complainant wishing to appeal the decision of the Local Civil Rights Coordinator may submit a signed statement of appeal to the Superintendent of Schools within five (5) business days after receipt of the Coordinator’s response. The superintendent shall meet with all parties involved, formulate a conclusion, and respond in writing to the complainant within ten (10) business days.

Step 3: If unsatisfied, the complainant may appeal through a signed, written statement to the Board of Education within five (5) business days of receiving the superintendent’s response in step two. In an attempt to resolve the grievance, the Board of Education shall meet with the concerned parties and their representative within forty (40) days of the receipt of such an appeal. A copy of the Board’s disposition of the appeal shall be sent to each party within ten (10) days of this meeting.

Step 4: If at this point the grievance has not been satisfactorily settled, further appeal may be made to the Office of Civil Rights, Department of Education, Washington, D.C. 20202. Inquiries concerning the nondiscriminatory policy may be direct to Director, Office of Civil Rights, Department of Education, Washington, D.C. 20202. The local Coordinator, on request, will provide a copy of the district’s grievance procedure and investigate all complaints in accordance with this procedure. A copy of each of the Acts and the regulations on which this notice is based may be found in the Civil Rights Coordinator’s office.

NCAA Eligibility Standards

If you wish to participate in Division I or Division II athletics after high school, you must be certified by the NCAA Clearinghouse. Prospective student athletes should begin monitoring eligibility requirements beginning in 9th grade. Be sure to check the NCAA for current information as you complete your high school course selections. More detailed information should be researched at: www.eligibilitycenter.org

Division I 16 CORE-COURSE RULE

16 Core Courses:

- 4 years of English
- 3 years of mathematics (Algebra I or higher)
- 2 years of natural/physical science (1 year of lab if offered by high school)
- 1 year of additional English, mathematics or natural/ physical science
- 2 years of social science
- 4 years of additional courses (from any area above, foreign language or comparative religion/philosophy)

- Earn a minimum required GPA of 2.3 in core courses

- Earn a combined SAT/ACT score that matches your core course GPA (see website for sliding scale)

- 10 core courses must be completed prior to the seventh semester

Division II 16 CORE-COURSE RULE

16 Core Courses:

- 3 years of English
- 2 years of mathematics (Algebra I or higher)
- 2 years of natural/physical science (1 year of lab if offered by high school)
- 3 years of additional English, mathematics or natural/ physical science
- 2 years of social science
- 4 years of additional courses (from any area above, foreign language or comparative religion/philosophy)

- Earn a 2.0 GPA or better in your core courses *

- Earn minimum scores on SAT or ACT (see website for specifics) *

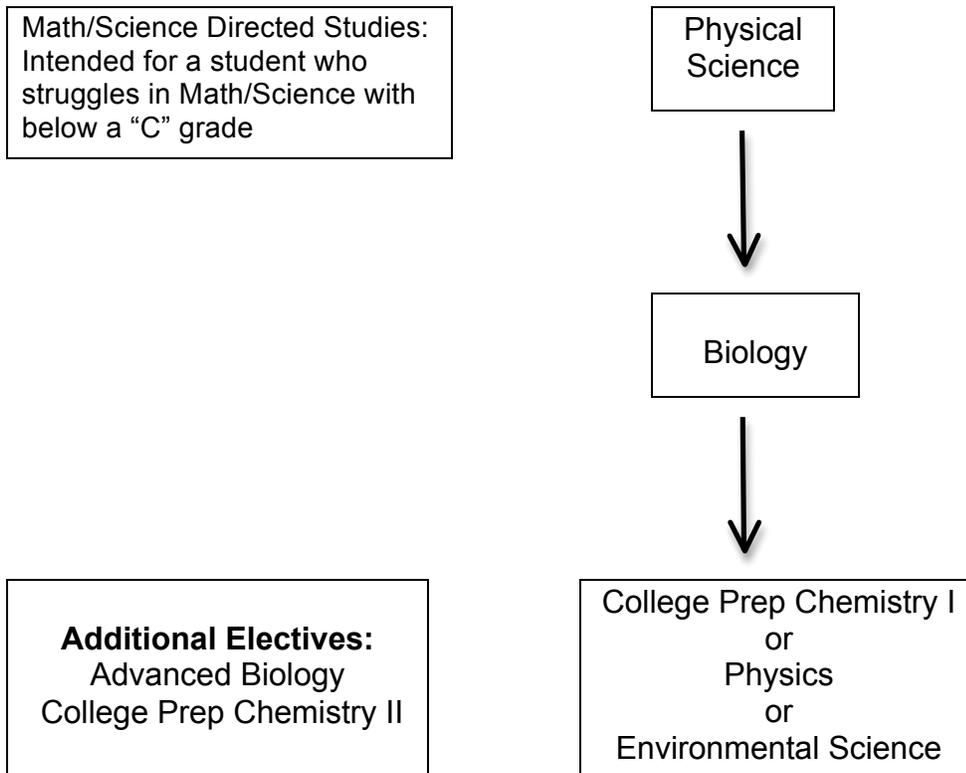
*Beginning August 1, 2018, GPA and testing requirements will change. See the NCAA website for details. (www.eligibilitycenter.org)

For Academic redshirt info or partial qualifier, visit the NCAA website.

Course Selection Choices for Science

3 years of Science Credit Required for Graduation (1 year = 1 cr)

* Physical Science * Biology * College Prep Chemistry I or Physics or Environmental Science



Important Science Notes for College Bound Students:

*If a student is college bound, they must consider taking a minimum of 4 science classes, including College Prep Chemistry I, during high school.

*Many college bound students double up on science courses during 11th grade and 12th grade years to maximize their experience.
For Example: 11th grade - College Prep Chemistry I & Advanced Biology

MATH CLASS FLOW SHEET

You will begin in 9th grade in any of the top row Math classes.
4 credits of math are required to graduate,
including 1 in your senior year.

9 - Math Foundations



10 - Algebra 1 (Required)



11 - Geometry (Required)



12 - Algebra 2 (Required)

9 - Algebra 1 (Required)



10 - Geometry (Required)



11 - Algebra 2 (Required)



12 - Pre-Calculus or
Senior Math

9 - Geometry (Required)



10 - Algebra2 (Required)



11 - Pre-Calculus



12 - Calculus or
Senior Math

FRESHMAN - NHS STUDENT COURSE SELECTION FORM 2017/18

B	Best 1/S1	10 Y	D	Directed Study/S1	791 Y
C	Best 2/S2	15 Y	D	Directed Study/S2	7911 Y
L	English 9A/S1	106 Y	D	Directed Study in Math/Science/S1	797 Y
L	English 9B/S2	111 Y	D	Directed Study in Math/Science/S2	7971 Y
F	Art 1/S1	205 Y	S	Phy. Science-Topics in Chemistry/S1	805 Y
F	Art 1/S2	207 Y	S	Phy. Science-Topics in Physics/S2	806 Y
F	Mixed Chorus/S1	225 Y			
F	Mixed Chorus/S2	226 Y	N	Study Hall/S1	9998 S
F	Concert Band/S1	230	N	Study Hall/S2	9999 S
F	Concert Band/S2	231			
F	Jazz Band/S1	240 Y			
F	Jazz Band/S2	241 Y			
F	Orchestra/S1	245 Y			
F	Orchestra/S2	246 Y			
				All courses are scheduled for a semester. /S1 indicates	
FL	Spanish 1/S1	305 Y		the course is offered during semester one and /S2	
FL	Spanish 1/S2	306 Y		indicates the course is offered during semester two.	
FL	Spanish 2/S1	310 Y			
FL	Spanish 2/S2	311 Y			
I	Drafting/CAD 1/S1	505 Y		Y = year long	
I	Drafting/CAD 1/S2	506 Y		S = semester long	
I	Woodworking I/S1	525 Y			
I	Woodworking I/S2	526 Y			
I	Metals Welding I/S1	545 Y			
I	Metals Welding I/S2	546 Y			
M	Math Foundations/S1	601 Y			
M	Math Foundations/S2	603 Y			
M	Algebra I/S1	622 Y			
M	Algebra I/S2	623 Y			
M	Geometry/S1	635 Y			
M	Geometry/S2	636 Y			
H	Health Education	700 S			
P	General Physical Education	705 S			

SOPHOMORE - NHS STUDENT COURSE SELECTION FORM 2017/18

C	Computer Services Level 1/Windows	30 S	M	Algebra I/S1	622 Y
C	Computer Services/Tech Trends	35 S	M	Algebra I/S2	623 Y
C	Computer Services Tech Ventures	95 S	M	Geometry/S1	635 Y
			M	Geometry/S2	636 Y
B	Accounting & Finance/S1	55 Y	M	Algebra 2/S1	625 Y
B	Accounting & Finance/S2	56 Y	M	Algebra 2/S2	628 Y
B	Business Finance	68 S			
B	Dynamics in Business	75 S	P	Advanced Physical Education	710 S
			P	Swim & Stay Fit	716 S
L	English 10A	121 S			
L	English 10B	125 S	HU	Peer to Peer Coaching	775 S
L	Individual Literature	160 S			
L	Creative Writing	170 S	D	Directed Study/S1	792 Y
L	World Mythology	188 S	D	Directed Study/S2	7921 Y
F	Art 1/S1	205 Y	S	Biology/S1	830 Y
F	Art 1/S2	207 Y	S	Biology/S2	831 Y
F	Art 2/S1	208 Y			
F	Art 2/S2	206 Y	SO	World History/S1	925 Y
F	Mixed Chorus/S1	225 Y	SO	World History/S2	926 Y
F	Mixed Chorus/S2	226 Y			
F	Concert Band/S1	230 Y	N	Study Hall/S1	9998 S
F	Concert Band/S2	231 Y	N	Study Hall/S2	9999 S
F	Jazz Band/S1	240 Y			
F	Jazz Band/S2	241 Y			
F	Orchestra/S1	245 Y			
F	Orchestra/S2	246 Y			
FL	Spanish 1/S1	305 Y			
FL	Spanish 1/S2	306 Y			
FL	Spanish 2/S1	310 Y			
FL	Spanish 2/S2	311 Y			
FL	Spanish 3/S1	315 Y			
FL	Spanish 3/S2	316 Y			
			Y = year long	S = semester long	
I	Drafting/CAD 1/S1	505 Y			
I	Drafting/CAD 1/S2	506 Y			
I	Computer Aided Drafting 2/S1	510 Y			
I	Computer Aided Drafting 2/S2	511 Y			
I	Woodworking I/S1	525 Y			
I	Woodworking I/S2	526 Y			
I	Woodworking II/S1	530 Y			
I	Woodworking II/S2	531 Y			
I	Metals Welding I/S1	545 Y			
I	Metals Welding I/S2	546 Y			
I	Metals Welding II/S1	550 Y			
I	Metals Welding II/S2	551 Y			

JUNIOR - NHS STUDENT COURSE SELECTION FORM 2017/18

C	Computer Services Level 1/Windows	30 S	I	Metals Welding I/S1	545 Y
C	Computer Services/Tech Trends	35 S	I	Metals Welding I/S2	546 Y
C	Computer Services Tech Ventures	95 S	I	Metals Welding II/S1	550 Y
			I	Metals Welding II/S2	551 Y
B	Accounting & Finance/S1	55 Y	I	Metals Welding III/S1	555 Y
B	Accounting & Finance/S2	56 Y	I	Metals Welding III/S2	556 Y
B	Adv. Accounting,Comp.& Fin./S1	60 Y			
B	Adv. Accounting,Comp.& Fin./S2	63 Y			
B	Business Finance	68 S			
B	Business Law	70 S	M	Algebra I/S1	622 Y
B	Dynamics in Business	75 S	M	Algebra I/S2	623 Y
			M	Geometry/S1	635 Y
			M	Geometry/S2	636 Y
L	English 11A	130 S	M	Algebra 2/S1	625 Y
L	English 11B	135 S	M	Algebra 2/S2	628 Y
L	Individual Literature	160 S	M	Pre-Calculus/S1	640 Y
L	Creative Writing	170 S	M	Pre-Calculus/S2	616 Y
L	Poetry	185 S			
L	Technical Writing	190 S	P	Advanced Physical Education	710 S
L	World Mythology	188 S	P	Swim and Stay Fit	716 S
L	Digital Writing/S1	197 Y			
L	Digital Writing/S2	198 Y	HU	Peer to Peer Coaching	775 S
F	Art 1/S1	205 Y	D	Directed Study/S1	793 Y
F	Art 1/S2	207 Y	D	Directed Study/S2	7931 Y
F	Art 2/S1	208 Y			
F	Art 2/S2	206 Y	S	Adv. Biology/S1	835 Y
F	Advanced Art/S1	210 Y	S	Adv. Biology/S2	836 Y
F	Advanced Art/S2	211 Y	S	College Prep Chemistry I/S1	843 Y
			S	College Prep Chemistry I/S2	844 Y
F	Mixed Chorus/S1	225 Y	S	Physics/S1	850 Y
F	Mixed Chorus/S2	226 Y	S	Physics/S2	851 Y
F	Symphonic Band/S1	235 Y	S	Environmental Science/S1	860 Y
F	Symphonic Band/S2	236 Y	S	Environmental Science/S2	861 Y
F	Jazz Band/S1	240 Y			
F	Jazz Band/S2	241 Y	SO	Current Events	910 S
F	Orchestra/S1	245 Y	SO	American History/S1	930 Y
F	Orchestra/S2	246 Y	SO	American History /S2	931 Y
			SO	Sociology	940 S
FL	Spanish 1/S1	305 Y			
FL	Spanish 1/S2	306 Y	N	Study Hall/S1	9998 S
FL	Spanish 2/S1	310 Y	N	Study Hall/S2	9999 S
FL	Spanish 2/S2	311 Y			
FL	Spanish 3/S1	315 Y			
FL	Spanish 3/S2	316 Y			
FL	Spanish 4/S1	320 Y			
FL	Spanish 4/S2	322 Y			
			Y = year long	S = semester long	
I	Drafting/CAD 1/S1	505 Y			
I	Drafting/CAD 1/S2	506 Y			
I	Computer Aided Drafting 2/S1	510 Y			
I	Computer Aided Drafting 2/S2	511 Y			
I	Advanced CAD 1/S1	515 Y			
I	Advanced CAD 1/S2	516 Y			
I	Woodworking I/S1	525 Y			
I	Woodworking I/S2	526 Y			
I	Woodworking II/S1	530 Y			
I	Woodworking II/S2	531 Y			
I	Woodworking III & IV/S1	540 Y			
I	Woodworking III & IV/S2	541 Y			

SENIOR - NHS STUDENT COURSE SELECTION FORM 2017/18

C	Computer Services Level 1/Windows	30 S	V	Health Occupations Program (IHS)/S1	450Y-2
C	Computer Services/Tech Trends	35 S	V	Health Occupations Program (IHS)/S2	451Y-2
C	Computer Services Tech Ventures	95 S	V	Automotive Tech. (NMU)/S1	595 Y-2
			V	Automotive Tech. (NMU)/S2	596 Y-2
B	Accounting & Finance/S1	55 Y	V	Hospitality & Culinary Arts (NMU) /S1	425 Y-2
B	Accounting & Finance/S2	56 Y	V	Hospitality & Culinary Arts (NMU) /S2	426 Y-2
B	Adv. Accounting, Comp. & Fin./S1	60 Y	V	Cosmetology (Main Street) /S1	460 Y-2
B	Adv. Accounting, Comp. & Fin./S2	63 Y	V	Cosmetology (Main Street) /S2	461 Y-2
B	Business Finance	68 S	V	Vocational Auto Mechanics (WHS) /S1	575 Y-2
B	Business Law	70 S	V	Vocational Auto Mechanics (WHS) /S2	576 Y-2
B	Dynamics in Business	75 S	V	Welding (NMU) /S1	585 Y-2
			V	Welding (NMU) /S2	586 Y-2
			V	Aviation Maintenance Tech. (NMU) /S1	580 Y-2
L	College Prep English 1/S1	145 S	V	Aviation Maintenance Tech. (NMU) /S2	581 Y-2
L	College Prep English 2/S2	150 S	V	Survival in Electrical World (WHS) /S1	590 Y-2
L	Individual Literature	160 S	V	Survival in Electrical World (WHS) /S2	591 Y-2
L	Creative Writing	170 S			
L	Poetry	185 S			
L	Technical Writing	190 S			
L	World Mythology	188 S			
L	Digital Writing/S1	197 Y			
L	Digital Writing/S2	198 Y	M	Algebra 2/S1	625 Y
			M	Algebra 2/S2	628 Y
F	Art 1/S1	205 Y	M	Pre-Calculus/S1	640 Y
F	Art 1/S2	207 Y	M	Pre-Calculus/S2	616 Y
F	Art2/S1	208 Y	M	Calculus/S1	645 Y
F	Art2/S2	206 Y	M	Calculus/S2	646 Y
F	Advanced Art/S1	210 Y			
F	Advanced Art/S2	211 Y	P	Advanced Physical Education	710 S
			P	Swim & Stay Fit	716 S
F	Mixed Chorus/S1	225 Y			
F	Mixed Chorus/S2	226 Y	HU	Peer to Peer Coaching	775 S
F	Symphonic Band/S1	235 Y			
F	Symphonic Band/S2	236 Y	D	Directed Study/S1	794 Y
F	Jazz Band/S1	240 Y	D	Directed Study/S2	7941Y
F	Jazz Band/S2	241 Y			
F	Orchestra/S1	245 Y	S	Adv. Biology/S1	835 Y
F	Orchestra/S2	246 Y	S	Adv. Biology/S2	836 Y
			S	College Prep Chemistry I/S1	843 Y
FL	Spanish 1/S1	305 Y	S	College Prep Chemistry I/S2	844 Y
FL	Spanish 1/S2	306 Y	S	College Prep Chemistry 2/S1	848 Y
FL	Spanish 2/S1	310 Y	S	College Prep Chemistry 2/S2	849 Y
FL	Spanish 2/S2	311 Y	S	Physics/S1	850 Y
FL	Spanish 3/S1	315 Y	S	Physics/S2	851 Y
FL	Spanish 3/S2	316 Y	S	Environmental Science/S1	860 Y
FL	Spanish 4/S1	320 Y	S	Environmental Science/S2	861 Y
FL	Spanish 4/S2	322 Y			
I	Drafting/CAD 1/S1	505 Y	SO	Current Events	910 S
I	Drafting/CAD 1/S2	506 Y	SO	American Government	935 S
I	Computer Aided Drafting 2/S1	510 Y	SO	Economics	915 S
I	Computer Aided Drafting 2/S2	511 Y	SO	Sociology	940 S
I	Advanced CAD 1/S1	515 Y			
I	Advanced CAD 1/S2	516 Y	N	Study Hall/S1	9998 S
I	Advanced CAD 2/S1	520 Y	N	Study Hall/S2	9999 S
I	Advanced CAD 2/S2	521 Y			
I	Woodworking I/S1	525 Y			
I	Woodworking I/S2	526 Y			
I	Woodworking II/S1	530 Y			
I	Woodworking II/S2	531 Y			
I	Woodworking III & IV/S1	540 Y			
I	Woodworking III & IV/S2	541			
I	Metals Welding I/S1	545 Y			
I	Metals Welding I/S2	546 Y			
I	Metals Welding II/S1	550 Y			
I	Metals Welding II/S2	551 Y			
I	Metals Welding III/S1	555 Y			
I	Metals Welding III/S2	556 Y			
I	Metals Welding IV/S1	560 Y			
I	Metals Welding IV/S2	561 Y			

Y = year long

S = semester long

NOTES