

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.

At school, the scheduling process goes through several steps. First, students meet in the auditorium as a class to hear presentations from each high school department. Next, we meet with students in class to disseminate the information packets, explain courses, guide sheets, graduation requirements and answer any questions. Students are instructed to take home the information packet and review it with their families. At this time we also begin work on the students' Educational Development Plan (EDP). The EDP is a snapshot of the goals the student would like to achieve and the classes they can take to accomplish these goals. 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 number at the Guidance Office is 475-7861.

Sincerely,
Michelle Morey, Heather Tafoya, Counselors

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.

	CREDITS
English	
English 9A & English 9B	1
English 10 & Speech Communications	1
English 11A & English 11B	1
Elective	1
Total (English).....	4
Math	
Algebra 1 or Math Foundations.....	1
Geometry	1
Algebra 2.....	1
Senior Year Course	1
Total (Math).....	4
Science	
Physical Science	1
Biology.....	1
Chemistry or Physics	1
Total (Science)	3
Social Studies	
World History	1
American History	1
American Government.....	1/2
Economics.....	1/2
Total (Social Studies).....	3
Physical Education	1/2
Health	1/2
Visual, Performing, Applied Arts	1
Computer Class	1/2
Electives	5 1/2
TOTAL	22

BUSINESS EDUCATION SERVICES/TECHNOLOGY

010 BEST 1 ½ Credit Semester

Prerequisite: None

BEST I—is a comprehensive computer-based business course that builds skills to prepare students to effectively use technology and be successful in high school, college and the workforce. Microsoft Office Certification word processing core competencies are covered. Students learn to use various imaging devices, create an e-portfolio, and gain experience in learning online through web-based simulations on checking accounts, career and economics as well as function within an online learning management system. Course completion is required for advancement into BEST II.

015 BEST 2 ½ Credit Semester

Prerequisite: BEST 1

In BEST II—a continuation of Best I—students acquire Microsoft Office User Certification core competencies in Excel and Access. Units emphasizing employment skills, career planning, banking and entrepreneurship will be covered to promote school-to-work success. Students will complete simulations to develop necessary workplace skills. Successful completion of BEST I and II will satisfy: 1) NHS computer requirement and Michigan Merit Curriculum's 2) Online Learning experience and 3) Visual, Performing, Fine Arts credit.

025 Basic Computer Applications ½ Credit Semester

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/Windows ½ Credit Semester

Prerequisite: Grades 10 – 12

This comprehensive computer course builds skills that prepare students to effectively use technology and to be successful in high school, college and/or the workforce. Microsoft Office Certification core competencies are taught including Word, Excel, Access and PowerPoint. Students gain experience functioning within an online learning 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 I and II may **only** take this course with instructor approval.

035 Computer Services Level 2/Tech Trends ½ Credit Semester

Prerequisite: Computer Services Level 1, **or** BEST 1 and 2

This course is designed to keep students up-to-date on current technology trends in order to help them function in an increasingly networked society and to develop competencies to work in a global environment. 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. The use of digitools and Web 2.0 technology will be explored and incorporated throughout the semester. This class will empower students to become independent learners and make technology more viable and useful in their daily lives. This course extends the Michigan Merit Curriculum's Online Learning experience.

*Students may repeat this course and pursue individualized programs in the areas of Computer Information Systems and/or Business Administrative Services. Possible programs include Marketing, Fashion Merchandising, Office Specialist, Networking Fundamentals, E-Commerce, Television Production, MOUS Expert Certification and more.

045 Computer Services Level 3/Internet ½ Credit Semester

Prerequisite: Computer Services Level 1, **or** BEST 1 and 2

Websites have become a significant component of daily life, on both the personal level and in the workforce. Taking this course will give students the opportunity to understand the process of building a website. After learning the basic design principles associated with the visual appearances of websites, students will create their own website using Microsoft FrontPage on the Windows platform. Once students are familiar with the FrontPage program the class will focus on website design using basic HTML programming codes. This is an excellent opportunity to expose themselves to the basics of computer programming.

055 Accounting and Finance 1 Credit Year

Prerequisite: Grades 10 – 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 Hour (Computerized Accounting)

1 Credit Year

Prerequisite: Grade 11 & 12, Accounting I-II

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 and Personal Finance ½ Credit Semester

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 – and they will 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 The Law and You ½ Credit Semester

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.

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

Prerequisite: Grade 12. All candidates must complete an Application Form, a Resume, and Educational Development Plan. There will be a selection process and interview involved. Good attendance will be a deciding factor. 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.

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 an interest and a desire to learn but are limited by the training sites and occupations of the local community. Examples of “few” past sites are broadcasting, plumbing, fashion merchandising, food service, architecture, computers, etc.

090 Experiential Learning (provided through Negaunee Public Schools) 1 Credit Semester

Prerequisite: Grade 12. All candidates must complete an Application Form, a Resume, and Educational Development Plan. There will be a selection process and interview involved. Good attendance will be a deciding factor. 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.

Experiential Learning allows students to explore careers in education by working with elementary and middle school students in a mentoring or tutoring situation. Students will become familiar with teaching techniques and how to tutor or mentor other students. Grading will be based on tests, quizzes, supervising teacher evaluation, online discussion boards and student projects.

ENGLISH

106 English 9A ½ Credit Semester

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

Prerequisite: English 9A

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 10 ½ Credit Semester

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 Speech Communications ½ Credit Semester

Grade 10

The course provides experience in finding material, organizing ideas, selecting appropriate language, listening skills, developing delivery techniques and preparing oral communications for various kinds of audiences, one to one, and both small and large groups. The role of feelings and values in communication is also studied. Nonfiction materials are used.

130 English 11A ½ Credit Semester

Grade 11

Required for graduation. 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

Prerequisite: English 11A, Grades 11 – 12

Required. 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 Humanities I ½ Credit Semester

Prerequisite: American Literature I, Grade 12

Required for the college prep student. This course is an in-depth study of the literature and writing at a college level. A variety of themes (good, evil and the human condition, individuality and social control, choice and responsibility) will be explored through novels, plays, poetry and short fiction. Students will also write a variety of pieces including personal narrative, literary analysis, multi-genre and other rhetorical modes.

150 College Prep Humanities II ½ Credit Semester

Prerequisite: College Prep Humanities I, Grade 12

Recommended for the college prep student. This course continues the in-depth study of College Prep I. Focus will be on themes in literature, art, religion, philosophy and history. Students will continue to explore various modes of rhetoric and personal expression to further prepare them for college level writing.

160 Individual Literature ½ Credit Semester

Grades 10, 11, 12

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

Grades 10, 11, 12

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 memoir, narrative, description, poetry and multi-genre.

185 Poetry ½ Credit Semester
Grades 11, 12

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 compose 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.

FINE ARTS

ART

205 Art 1 & 2 1 Credit Year

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

This course is designed to give the student an exploration of the visual arts and creative crafts. The student is encouraged to develop a sensitivity and an awareness of the values of art in our daily lives as a producer and consumer. Emphasis is placed on new ways of manipulating media pertinent to the changing developments in the field of art. Art history and art appreciation are also covered.

210 Advanced Art 1 Credit Year

Prerequisite: Art 1 & 2 or permission of instructor

An expanded survey into the various study areas in the general field of art is covered in this course. The fine and applied arts are explored so that the student can discern and appreciate the products of art as intelligent maker and consumer. More emphasis is placed on skills, techniques and originality in the inception and development of the work of art by the student. This course of instruction includes: drawing, painting, printmaking, photography, computer-assisted drawing, jewelry, pottery, sculpture, construction, art history and appreciation.

220 Ceramics & Arts / Crafts 1 Credit Year

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

Emphasis on various production methods such as hand-built, wheel thrown, extrusion formed, and original mold production. Emphasis on production includes multiples and one of a kind ceramic containers and sculptures. Glazing techniques include using englobes, and various lead based glazes as well as lead free glazes. Learning will include kiln setup and firing techniques. Life-long, learning-based safety procedures will be emphasized. Students may be able to purchase special or additional materials. Other craft related activities may be included.

MUSIC

225 Mixed Chorus 1 Credit Year

Prerequisite: None

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

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

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

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

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.

FOREIGN LANGUAGES

305 Spanish I 1 Credit Year

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.

310 Spanish II 1 Credit Year

Prerequisite: Spanish I

A continuation of first year with more emphasis on fluency in all areas; speaking, listening, reading and writing. More in depth culture and history will be studied as well.

315 Spanish III 1 Credit Year

Prerequisite: Spanish II

Goals are to expand the vocabulary and grammatical base of the students. More abstract concepts will be presented at this level as well as more structured writing and light literature. Class will use as little English as possible.

320 Spanish IV 1 Credit Year

Prerequisite: Spanish III

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

325 French I 1 Credit Year

In this course, students will become acquainted with a foreign culture, grammar and vocabulary – in the process reaching a better understanding of their own culture and language.

330 French II 1 Credit Year

Prerequisite: French I

In this course, students will systematically review the concepts introduced in first year French as well as completing a study of all basic grammatical structures. Additionally, students will receive an elementary introduction to French history and literature.

335 French III 1 Credit Year

Prerequisite: French II

Advanced course in conversational French and reading and writing of the language. Emphasis is to attain a degree of fluency via the use of literature and dialogue. Continued drills in grammar, syntax and the communication skills in French. Class is taught primarily in French.

337 French IV 1 Credit Year

Prerequisite: French III

At this level, students should feel very comfortable with the language, history and culture of the Francophone world. Literature will become a larger portion of the class work. Classes will be conducted predominately in French.

HUMAN SERVICES

450 Health Care Assistant Program 2 Credits Year

Prerequisite: Grade 12

This vocational course is designed for the student to develop an entry-level skill in the health care assistant area. During the 1st semester, students are instructed in basic patient care procedures and demonstrate these skills in a lab type setting. Upon successful completion of the 1st semester, students will move out into a clinical setting, spending approximately 3 days per week working in both a hospital and a nursing home setting. Area dental offices will also take students interested in exploring careers in this field. Opportunities to explore a variety of medical fields exists while in the hospital setting, as students are rotated through the Emergency Room, Obstetrics, Radiology, Physical Therapy, Operating Room, Cardio-Pulmonary Services, Laboratory and Dr. Offices on a weekly basis. Good attendance is mandatory.

INDUSTRIAL TECHNOLOGY

505 General Drafting 1 Credit Year

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 Mechanical Computer Aided Drafting 1 Credit Year

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 Architectural Computer Aided Drafting 1 Credit Year

Prerequisite: Mechanical CAD

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, building trades, architectural, art and design, or going on to technical school.

520 Advanced Computer Aided Drafting 1 Credit Year

Prerequisite: Architectural CAD 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 to a year long project. The year long project requires many skills that are used in industry such as design, community service projects, surveying, Geographic Information System (GIS), GPS usage and topographical map making. The class will involve many areas related to engineering including civil, architectural and mechanical. The students will also 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

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

Prerequisite: Drafting 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.
2. Acquire such knowledge as selection of suitable materials for the job, blueprint reading, shop calculations, finishing procedures and safety rules and regulations.
3. Develop an appreciation for good craftsmanship and correct work habits.

540 Woodworking III & IV 1 Credit Year

Prerequisite: Woodworking I & II, 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 Metal Fabrication I 1 Credit Year

Prerequisite: None

Metals provide a variety of experience related to the metalworking field. The broad areas of Metals is divided into bench, metals, sheetmetals, forging and heat treatment, art metals, introduction to oxyacetylene welding, metal forming and bending, metal fastening and metal finishing. The students will have every opportunity to experience problem solving with each area. The problem solving can be manipulative, planning and/or finishing.

550 Machine Technology II 1 Credit Year

Prerequisite: Drafting and Metal Fabrication I

Machine Shop II is a continuation of the study of metals. Emphasis is placed on bench metals, basic machine operation and heat treatment. Safety is stressed in all areas of machine shop. Basic welding is also a part of this course. Instruction is given in gas and arc welding in the flat position.

555 Machine Technology III 1 Credit Year

Prerequisite: Machine Technology II

Machine Technology III is a course continuing with machine tool operation and advanced gas and arc welding. Emphasis is placed on complex machine set-ups. The uses of different machines are introduced in this second year course. Advanced gas and arc welding is taught with emphasis on welding joints in the flat, vertical and overhead position.

560 Machine Technology IV 1 Credit Year

Prerequisite: Machine Technology III

Machine Technology IV is a course continuing with machine tool operation and advanced gas and arc welding. Emphasis is placed on complex machine set-ups. The uses of different machines are introduced in this third year course. Advanced gas and arc welding is taught with emphasis on welding joints in the flat, vertical and overhead position.

575 Vocational Automobile Mechanics (2 Hour Block) WHS 2 Credits Year

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

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

This course teaches aircraft familiarization 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 three week internship at the American Eagle Repair Facility located at KI Sawyer.

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

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.

590 Vocational Electrical/Electromechanical Technology (2 Hour Block) Westwood High School 2 Credits Year

Prerequisite: Grades 11-12

This class is designed to provide students with a basic job-entry understanding in the field of electrical/electromechanical technology and a foundation for further training. Students will learn the technical processes, resources, applications, and impact of this technology in our changing society. This class will be a combination of labs, computer simulation, computer courseware, discussions, guest lecture, and industry tours. Job shadowing may also be a part of the class activities.

MATH

601 Math Foundations 1 Credit Year

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 Michigan High School Math Requirement.

622 Algebra 1 1 Credit Year

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 Michigan High School Algebra Requirements.

635 Geometry 1 Credit Year

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 Michigan High School Geometry Requirements.

625 Algebra 2 1 Credit Year

Prerequisite: Geometry & Algebra 1

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.

640 Precalculus 1 Credit Year

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.

645 Calculus 1 Credit Year

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 (skill center) and Aviation (skill center).

PHYSICAL EDUCATION

700 Health Education (Grade 9) ½ Credit Semester

Prerequisite: None

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.

705 General Physical Education (Grade 9) ½ Credit Semester

Prerequisite: None

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

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

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

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 1 year

Prerequisite: Referral from classroom teacher and student must carry required academic classes for his/her grade level.

The overall goal of this course is to aggressively study core curriculum material. Students are required to bring materials from their core classes to study on a daily basis. Additional requirements include utilizing agenda book, completing assignments, using a computer generated skill-building program and learning organizational skills.

797 Directed Studies in Math/Science 1 Credit Year

Prerequisite: Referral by teacher or IEP

This course is designed to provide additional help in the concepts and structure of Algebra and in topics in Physical Science. It must be taken concurrently with Algebra1A, Algebra 1, or Physical Science. It will provide support to students so they can master the new Michigan Content Expectations in Algebra and Science.

Peer Coach no credit, volunteer position from Study Hall only

Prerequisite: Application and approval by staff, agree to attend training session and obtain parent permission.

Volunteer position: Meet with a student with disabilities 1-2 times a week during your lunch period or work with a student with disabilities who is in one of your classes.

A peer coach offers peer to peer support by volunteering to support a student with a disability under adult supervision. The peer coach will support the student in both academic and social settings. Monthly team meetings and incentives are part of the program. Learn to relate to people with different needs and develop an understanding of individual differences, as well as hone your collaboration and problem solving skills. Students coaching students- What an awesome way to learn!

SCIENCE

805 Physical Science – Topics in Chemistry ½ Credit Semester

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, chemical reactions, acids and bases, and nuclear chemistry will be included.

806 Physical Science – Topics in Physics ½ Credit Semester

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, simple machines, waves and their properties, and electricity.

830 Biology 1 Credit Year

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, 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

Prerequisite: A C grade 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: Ecology, Human Anatomy & Physiology, and Molecular Genetics. A term paper is required for credit in this class.

840 Chemistry

Prerequisites: Physical Science, Biology, Algebra I and Permission of Instructor

This course is designed as a first course in chemistry in order to prepare students for the Michigan Merit Exam. Topics will include an introductory treatment of all Michigan High School Content Expectations in Chemistry. This course would qualify as the required Chemistry credit for graduation. However, it will NOT prepare students for College Prep Chemistry II. Topics will include: Matter, Physical and Chemical Changes, Atomic Structure, The Periodic Table, the chemical Mole, Bonding in Compounds, Chemical Equations and Equilibrium, Gas Laws, Acids and Bases and simple Carbon chemistry.

843 College Prep Chemistry 1 Credit Year

(Formerly Course number 840 “Chemistry”)

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

(Formerly Course Number 845—“Advanced Chemistry”)

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

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.

SOCIAL STUDIES

910 Current Events ½ Credit Semester

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.

925 World History 1 Credit Year

926 Required by all Sophomores

Required by all sophomores

This is a survey of the major events of 20th century world history (1900 to the present) that affect today’s historical scene. A unit approach is used to cover such topics as World War I from a world perspective, Communism, rise of Fascism, cultures of the Middle East, India, China, and Latin America. The second semester covers the Holocaust, Allied Victories in Europe and Japan, and the Cold War.

930 American History 1 Credit Year

931 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

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 nine units and a major ten-week project.

940 Economics ½ Credit Semester

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.

ARTICULATION AGREEMENT

Negaunee High School students can earn from 2-6 college credits at NMU through the following courses.

Construction & Manufacturing Wood Products, Automotive Technology, Welding Technology, Health Occupations, Aviation Maintenance Technology, Drafting 1 & II and CAD, and Electro-Mechanical Technology. If you are interested in learning more about this talk to Mr. Bonetti or Mr. Kevin Bell.

DUAL ENROLLMENT

Michigan law requires that local school districts inform students in **grades 8 – 12 of dual enrollment** which allows students to attend courses at local colleges or universities, in addition to their own high school

Eligible Students

A junior or senior who meets the university and local school requirements would be able to participate under the provisions of this bill. Students intending to dual enroll need to have taken the either the PLAN test, PSAT test, ACT test or MME test. Further, students need to achieve a state approved score in the subject area of the potential enrolled class.

Eligible Courses

The students described above would be able to receive tuition and fee support for classes at eligible post secondary institutions subject to the following:

- The course is not offered by the public school or public school academy in which the student is enrolled.
- The course is offered by the public school in which the student is enrolled but is determined by the board of education of the public school in which the student is enrolled to not be available to the student because of a scheduling conflict beyond the student's control.
- Course could not be in the subject area of hobby craft, recreation, physical education, theology, divinity or religious education.
- Students are limited to taking 8 credits per semester.
- Students must meet the course prerequisites.

Tuition and Fee Support

The local school district or public school academy is responsible for the lessor of:

- The tuition, mandatory course fees, materials fees and registration fees required by the post secondary institution and any late fees that result for the school's failure to make a required payment; or
- The state portion of the student's foundation allowance, adjusted to the proportion of the school year they attend the post secondary institution.
- If a student drops a post secondary class after the drop date, the student will be billed for the tuition.

NORTHERN MICHIGAN UNIVERSITY – Dual Enrollment

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 ACT (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 NMU Admissions Review Committee, which generally meets weekly. You will be notified by the Admissions Office if you are admitted.

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.

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, Mary Kay Johnson, 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

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 nondoctrinal religion/philosophy)
Earn a minimum required GPA in core courses
Earn a combined SAT/ACT sum score that matches your core course GPA and test score sliding scale.
(see NCAA for further details)

Division II 2008-2013

14 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)
2 year of additional English, mathematics or natural/ physical science
2 years of social science
3 years of additional courses (from any area above, foreign language or nondoctrinal religion/philosophy)
Earn a 2.0 GPA or better in your core courses
Earn a combined SAT score of 820 or an ACT combined score of 68

For more information visit
<http://www.eligibilitycenter.org>.

If you have questions about NCAA eligibility, please call the NCAA Initial-Eligibility Clearinghouse Toll-Free at 1-877-262-1492

Division II 2013 and Later

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 nondoctrinal religion/philosophy)
Earn a 2.0 GPA or better in your core courses
Earn a combined SAT score of 820 or an ACT combined score of 68