

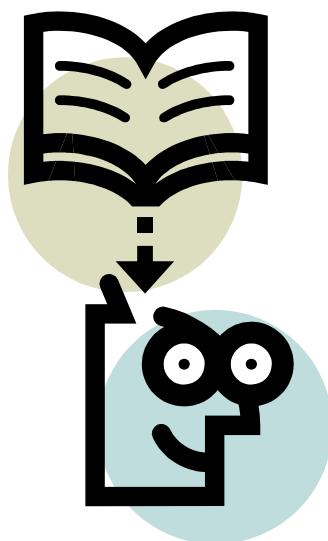
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Course Description Guide

2012 – 2013



Your Future...

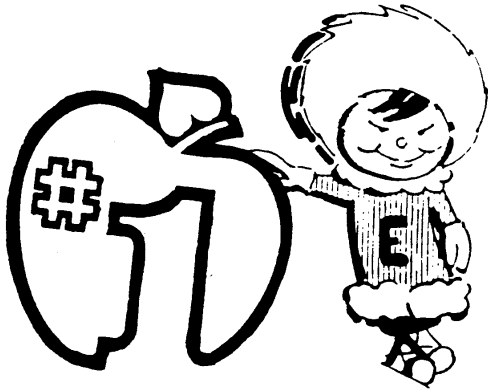
You make the difference!



Visit us on the Web!

eskymos.com

We believe at Escanaba Area Senior High School that one of the most important qualities for any young person is the ability to believe in oneself.



*If you never try,
You can never succeed.*

*If you try and do the best you can,
You will never fail.*

Escanaba Area Senior High School Mission Statement

Our purpose is to facilitate learning and to teach students. The students are responsible for mastering basic skills, practicing rational thinking skills, demonstrating self-confidence, integrity, and a positive attitude to becoming productive members of a democratic society within a world of diverse cultures. This schooling will be done by providing a safe and healthy environment, conducive to promoting maximum learning by the student, with a challenging and well balanced curriculum, taught by a caring and professional staff committed to excellence.

Selecting Courses – Graduation Requirements

The following pages describe the current courses that make up the curriculum at Escanaba Area Senior High School. Please look over the following descriptions, noting prerequisite classes that must be taken first, number of credits for a class, grade level offered, and the content of coursework. Please give careful consideration to your choices, as schedule changes are extremely difficult and sometimes impossible.

It is to your advantage to map out a tentative plan for all four years of high school. There are two semesters per year, for a total of eight semesters of high school attendance, and by law, all students must attend six (6) hours per day.

The following graduation requirement was passed by the Escanaba Area School Board of Education on January 19, 2004: “*Whatever assessment instrument is used to determine Adequate Yearly Progress be a condition of graduation and that the principal be given authorization to implement this change subject to his or her allowance for unusual circumstances.*” **This means you must take the Michigan Merit Exam to Graduate.**

Also keep in mind the school’s requirements for graduation, which are as follows:
(1 credit = 2 semesters =1 year)

<u>Subject</u>	<u>Credits</u>
Michigan Merit Exam	Must be taken
English	4
Science	3
• Intro Earth Science / Physics	
• Biology	
• Chemistry or Physics	
Mathematics	4
• Algebra 1	
• Geometry	
• Algebra 2 or (Algebra 2A & Algebra 2B)	
• Senior year Math Related Course (<i>Listed in the Student Svc Office</i>)	
Social Studies	3
• World History/Geography	
• US History/Geography	
• US Government	
Physical Education.....	0.5
Health (May be taken in 8th grade).....	0.5
Applies Arts (Fine Arts or Industrial).....	1
Electives	6
Total requirements for graduation	22

General Scheduling Reminders:

1. Students are responsible for reading over the course content carefully before requesting a particular course. Your selections should fit in with your career path, be offered at your grade level, and you need to have met any prerequisites.
2. Based on State Law, all students must be scheduled for six (6) total credits per year.
3. Students must select a total of 6 credits plus one alternate credit. Because of the complexity of scheduling, we cannot guarantee students getting every class requested, in which case, the alternates are used. Every effort will be made to schedule students for the first five credits that they select.
4. Scheduling is not complete until parents have looked over and discussed the student's course requests. The signature of a parent/guardian at the bottom of the registration form indicates that this has been done.
5. Parent or students who desire to discuss course selection, scheduling, or career paths are asked to contact the Student Services Office at 786-6953 for an appointment.
6. Counselors, teachers, and administrators, with input from the parents, are responsible for determining placement of students based on the student's academic records and achievement. It is our hope that all parties to this process will make these decisions based on the best interest of the student.
7. *Courses listed are subject to enrollment and may not be offered.*

English

English 9 **1.0 Credit** **Grade: 9**

Studying both language and literature enables students to fulfill the basic need of communicating information, ideas, and feelings. This required, one-year course helps students to improve their reading, writing and speaking skills through instruction and practice. The content of the class centers on the themes of inter-relationships and self-reliance as per the Michigan Merit Curriculum. It also includes a review of grammar and basic writing skills, vocabulary studies, and practice in organizing writing for various purposes. Literature studies include emphasis on the short story, poetry, mythology, drama, and novels.

English 9-A **1.0 Credit** **Grade: 9**

This course has the same focus as English 9 Literature and Composition, but with additional responsibilities and appropriately higher standards and expectations on all work. It is not intended for the student who needs any remedial or refresher work in basic English skills. Prerequisite: Previous English Teacher's Recommendation

English 10 **1.0 Credit** **Grade: 10**

This is a full year course that is required for all students. This course is a combination of grammar, literature, research, presentations, and composition. The critical response and stances addressed include the search for truth, relationships of others, and the decision to take action. A focus on drama and its elements are emphasized.

Prerequisite: English 9.

English 10-A **1.0 Credit** **Grade: 10**

This course has the same focus as English 10 Literature and Composition but with additional responsibilities and appropriately high standards and expectations. This is an accelerated English course following the Michigan Merit Curriculum with a college preparatory focus. Students are expected to complete a summer reading assignment prior to starting class. It will encompass grammar, literature, drama, research, presentation, and composition. In depth analysis and critical thinking questions will guide our study. **Prerequisite: Previous English Teacher's Recommendation and a "B" average.**

English 11 **1.0 Credit** **Grade: 11**

This course is designed to give the student a better understanding and appreciation of his cultural heritage by examining the inter-relationship of American/world literature and history. Studies are conducted in the short story, the essay, the novel, biography, poetry and drama. Famous American documents are investigated stressing style and content. Students are familiarized with the anecdotal-type information regarding key American authors. Outside reading of noteworthy literature is required. Writing experiences of an explanatory, interpretive, or critical nature are generally related to the literature being studied. The formal study of grammar, spelling, and vocabulary is continued only to the extent necessary as indicated by the proficiency level of the class. Enrichment-type assignments may be given to those students showing superior literary sensitivity.

Prerequisite: English 10.

English 11-A **1.0 Credit** **Grade: 11**

This course has the same focus as English 11 Literature Composition but with additional responsibilities and appropriately high standards and expectations on all work. Because this is an accelerated English class, students are expected to complete a summer reading assignment prior to starting class. This class is not intended for the student who needs any remedial or refresher work in basic English skills. **Prerequisite: Previous English Teacher's Recommendation and a "B" average.**

English 12 Literature & Composition **1.0 Credit** **Grade: 12**

This is a two semester class available for seniors who are not enrolled in Advanced Placement English, yet wish to continue developing their communication skills for a fourth year. This is also a way of completing the English credits for those seniors who have failed a semester of English 9, 10, or 11. Emphasis shall be placed on the use of practical communication skills. Stress will be placed on oral and written responses to reading materials of literary merit. Students

will study and analyze writing techniques through classical and contemporary literature and apply them to their own analytical reading and writing projects. Research skills will be advanced through traditional library research and through the use of the Internet. Presentations will be organized and given as needed. Projects requiring reading, writing, research, and oral presentation may be assigned.

Advanced Placement (AP)

English Literature & Composition 12

1.0 Credit

Grade: 12

Advanced Placement English Literature and Composition 12 is a two-semester course that will parallel a college entry-level English course. This deliberate/systematic preparation of college skills will focus on reading and analyzing literature and writing expository essays and critical essays related to literary topics. This course will assist students in developing critical standards for the independent appreciation of literary works. This includes studying individual works, including: language, the genre's elements, structure, meaning, value, and relationship to contemporary elements as well as to the context in which it was created. The study and practice of writing will focus on exposition and argument as well as other models of discourse. Focus will also be placed on responding and reacting to both the literary work and the criticism on the piece. Students will be expected to independently demonstrate higher level thinking skills and a mature attitude. Because this is an advanced English class, students are expected to complete a summer reading assignment prior to starting class in August. Practicing for the AP exam in May will be continually emphasized throughout the year. Students will have the option to participate in the Advanced Placement English Literature and Composition Examination, thereby earning possible college credit. **Prerequisite: Previous English Teacher's Recommendation.**

Speech

0.5 Credit

Grades: 10, 11, 12

Speech is an elective, one-semester course. This class does not fulfill the Michigan Merit requirement for English. The course is intended to help students improve their spoken communication skills. It also provides ample and purposeful practice in reading, writing, and listening. Students will cover and practice speech fundamentals including research and selections, planning, and outlining, plus techniques to overcome stage fright. Students will present interviews, personal introductions, demonstration and persuasive speeches, commercials, plus work on impromptu speaking skills among other assignments.

Drama

0.5 Credit

Grades: 10, 11, 12

Drama is an elective, one semester course. This class does not fulfill the Michigan Merit credit requirement for English. The course is intended to give students a basic understanding of drama as a performing art, emphasizing acting skills in voice, movement, and character analysis. In addition, improvisational techniques, pantomime, and interpretative skills in poetry, prose, and drama will be covered.

Creative Writing

0.5 Credit

Grades: 11, 12

This semester course is designed to teach the serious beginning writer the art of fiction, narrative, drama, poetry, creative nonfiction, journalism, and other forms of creative writing. This class operates under the premise that good writers *write!* In other words, only through practice and effort can you reasonably expect to experience the wonderful fulfillment of improving your writing and creative skills. To that end, students are exposed to a wide variety of writing assignments and activities designed to allow self-expression in ways that they may not have been exposed to before. Good writers also *read*, so we will spend some time sharing, reading, and discussing literary works and passages in class. Writers of all skill levels are welcome – effort, imagination, and a good attitude are the only requirements! **This class does not fulfill the Michigan Merit requirement for English.**

Introduction to Film

0.5 Credit

Grades: 11, 12

A one semester course offered to 11th/12th graders who want to expand their knowledge and appreciation for the art of film craft. The process of filmmaking, from the basics of the screenplay to putting it "in the can", will be studied through a series of class discussions, dissection of scenes, as well as hands-on projects.

Foreign Language

French 1 **1.0 Credit** **Grades: 9, 10, 11, 12**

This is a full year, one credit course. It is recommended that students have a strong background in English and at least a C average or better. All aspects of grammar, vocabulary, pronunciation, listening, reading, history and culture will be discussed. Also included are dialogues, songs, special projects and cultural learning. Prerequisite: Background of C or better in English

French 2 **1.0 Credit** **Grades: 10, 11, 12**

This is a full year, one credit course open to students who have successfully completed French I with a C or better. It is a continuation of French I and deals with all aspects of language proficiency. Prerequisite: French I

French 3 **1.0 Credit** **Grades: 11, 12**

This is a full year, one credit course open to students who have successfully completed French II with a C or better. It is a continuation of French II and deals with all aspects of language proficiency. There will be more emphasis on reading, writing, and speaking.

Spanish 1 **1.0 Credit** **Grades: 9, 10, 11, 12**

Spanish 1 will include the four skills of listening, speaking, reading, and writing with an emphasis on learning basic language for communication and making connections in the fields of culture, geography, and history of Spanish speaking countries. Students who successfully complete this course may continue with Spanish 2 the following year.

Spanish 2 **1.0 Credit** **Grades: 10, 11, 12**

Spanish 2 is for those students that have successfully completed Spanish 1 or the equivalent. This course continues to study the Spanish language and culture by means of the four language skills of listening, speaking, reading, and writing. The knowledge acquired in Spanish 1 is expanded to include a more thorough study of vocabulary, sentence structure, and verb forms, increasing proficiency both oral and written skills.

Spanish 3 **1.0 Credit** **Grades: 11, 12**

This is a full year, course open to students who have successfully completed Spanish 2 with a C or better grade. Precision of all language skills (listening, speaking, reading, and writing) will be emphasized. Prerequisite: Spanish 2

Mathematics

Algebra 1 **1.0 Credit** **Grades: 9, 10, 11, 12**

This is a full-year course open to freshman students. This class introduces students to algebraic concepts and skills that are used to develop problem solving and deductive reasoning. This course is the first class in the math sequence required by the state for all students. The next course is Geometry.

Geometry **1.0 Credit** **Grades: 9, 10, 11, 12**

This is a one-year course open to students who have passed a full year of Algebra. This course introduces students to geometric concepts, basic reasoning skills, and problem solving strategies. Students will learn to expand their analytical and spatial abilities by solving real world problems. This course is recommended for preparation for state and college testing. A scientific calculator is recommended. This course is in the math sequence required by the state for all students. **Geometry is a prerequisite for Algebra 2.**

Geometry Accelerated **1.0 Credit** **Grades: 9, 10, 11, 12**

This is a one-year course open to students who have passed a full year of Algebra. This course introduces students to geometric concepts, basic reasoning skills, and problem solving strategies. Students will learn to expand their analytical and spatial abilities by solving real world problems. This course is recommended for preparation for state and college testing. A scientific calculator is recommended. In addition, it involves exploring deeper content; and is directed toward college-bound students.

Algebra 2-A **1.0 Credit** **Grades: 11, 12**

This class is the first class in the two-year Algebra 2 sequence. This sequence will cover the same topics as the Algebra 2 class but at a much slower pace and not as in-depth over a two-year period, instead of one year. Students who intend to take math beyond Algebra 2 in high school should NOT take this class. Topics covered will be: tools of algebra, functions, equations and graphs, linear systems, matrices, quadratic equations and functions, polynomial functions, and radical functions and rational exponents. Prerequisite: Completion of Algebra 1 and Geometry and Teacher Recommendation.

Algebra 2-B **1.0 Credit** **Grades: 12**

This class is the second in the two-year Algebra 2 sequence. This class is a continuation of Algebra 2-A. Topics covered will be: exponential and logarithmic functions, rational functions, quadratic relations, sequences and series, probability and statistics, periodic functions and trigonometry, and trigonometric identities and equations. Prerequisite: Successful completion of Algebra 2-A and teacher recommendation.

Algebra 2 **1.0 Credit** **Grades: 10, 11, 12**

The topics to be covered are: solving equations and inequalities, matrices, polynomial, quadratic, exponential, and logarithmic functions, conic sections, sequences and series, and probability and statistics. Students must have completed CP Algebra 1 with a C or better and have the recommendation of their present math teacher. This class is equivalent to College Algebra at Bay de Noc Community College.

Pre-Calculus **1.0 Credit** **Grades: 11, 12**

This is a one-year, one-credit course open to any student who has completed Algebra 2 and Geometry with a C-or better grade. This course is intended to help prepare students for advanced work in mathematics. This class revolves around utilizing theorems, definitions, equations and technology to solve problems. The course is designed to provide a solid mathematical background by integrating topics such as Algebra 2, Geometry and Trigonometry all in one class. This course is a prerequisite for AP Calculus. Students who enroll in this course will need a graphing calculator.

Advanced Placement Calculus **1.0 Credit** **Grades: 11, 12**

This is a college-level course in differential and integral calculus, equivalent to one semester of calculus at most universities. Topics include an introduction to limits and continuity, derivatives and their applications, integrals and their applications, anti-derivatives and the Fundamental Theorem of Calculus, and an introduction to differential equations using slope fields. There is an emphasis on conceptual understanding and working with functions represented graphically, numerically, analytically, and verbally. The TI-84 Plus graphing calculator is used extensively. Students may elect to take the AP Calculus exam in May to qualify for college credit. Prerequisite: Successful completion of Pre-Calculus. *(Due to the rigor of this course, it is strongly recommended that students who elect to take AP Calculus have earned at least a B in Pre-Calculus.)*

Intro To Statistics/Probability **0.5 Credit** **Grades: 11, 12**

This one semester, one-half credit course is open to any junior or senior with basic Algebra skills. The course provides an introduction to statistical concepts, in today's society. Students will explore newspaper and news related stories to evaluate the information being presented. They will also learn to organize and display real data, use spinners, coins and dice to understand empirical and theoretical probability, develop ideas of mathematical modeling by using simple simulations and learning the basics of statistical inference by studying sample polls and performing random sampling to minimize bias and error. Students will use technology in development of project.

Advanced Placement Statistics **1.0 Credit** **Grades: 11, 12**

This course is designed to be a college freshmen level statistics course. AP Statistics is an excellent choice for a student who has attained a "B or better" in Algebra 2 and possesses sufficient mathematical maturity and quantitative reasoning ability. This course can be taken concurrently with Pre-Calculus or AP Calculus. The content of this course will follow the College Board's AP Statistics course description. The four major topics are data analysis, data collection, probability, and

statistical inference. It is recommended that students take the AP Statistics Exam in May to qualify for possible college credit. Students who enroll in this course will need a graphing calculator.

Science

Introduction to Earth Science / Physics **1.0 Credit** **Grade: 9**

This 9th Grade Science course consists of two semesters: one semester of Earth Science essential concepts and one semester of Physics essential concepts. During the Earth Science semester, students will focus on: energy in earth systems, the solid earth, the fluid earth, and the universe. During the Physics semester, students will focus on: motion and forces, mechanical energy and energy transformations, electric forces and currents, mechanical and electromagnetic waves, and nuclear reactions. Throughout the year, students will understand how the concepts presented are integrated into the everyday world.

Biology **1.0 Credit** **Grades: 10, 11, 12**

This class is required for all students for graduation. Upon completion, students will be firmly grounded in a biological knowledge that will enable them to advance to other science courses, as well as college-level experiences.

Biology Accelerated **1.0 Credit** **Grades: 10, 11, 12**

This class is highly recommended for all college bound students. Many skills demanded for a successful college experience are developed. These skills include note taking, time management, personal study habits, research paper writing, and group networking. Biology Accelerated is comprehensive and intensive. Upon completion, students will be firmly grounded in a biological knowledge that will enable them to advance to other science courses, as well as college-level experiences through their second year. Biology Accelerated is a prerequisite for Advanced Placement Biology, as it covers many themes basic to the next level of instruction. A research paper is required.

Advanced Placement (AP) Biology **1.0 Credit** **Grades: 11, 12**

The AP Biology course is designed to be the equivalent of a general biology course taken the first year of college. About one-third of the entire year will be focused on labs and lab performance. The remaining two-thirds will be spent on lectures, discussions, group work, projects, assignments, quizzes, and tests. AP Biology will follow "three overarching topics" that include: molecules and cells (25%) heredity and evolution (25%), and organisms and populations (50%). Eight themes, including science as a process, evolution, energy transfer, continuity and change, relationship of structure to function, regulation, interdependence in nature, and science, technology, and society, are woven into the treatment of the course material at appropriate points all year.

Goals for this course include:

- a good understanding of the concepts in biology and a grasp of its relevance to themselves and society
- learned the techniques necessary for successful performance on the AP Biology Exam
- enhanced analytical and communication skills
- strengthened lab performance skills.

This class offers highly motivated science orientated students an in-depth study of biological concepts. **Prerequisite: It is strongly recommended that students have a B or higher in Accelerated Biology**

Chemistry **1.0 Credit** **Grades: 11, 12**

This course fulfills the graduation requirement in chemistry. This is a full-year course designed to give students an understanding of the fundamental concepts of chemistry. Students will obtain a general background in chemistry that will enable them to advance to other science courses as well as general college experiences.

Chemistry Accelerated **1.0 Credit** **Grades: 11, 12**

This course is recommended for all college bound students. Students will gain an understanding of the fundamental concepts of chemistry. These include matter and energy, chemical reactions, stoichiometry, acids and bases, oxidation and reduction, laboratory experience, and general chemistry applications. This course is designed to prepare the college bound student for the academic level required in college.

Advanced Placement (AP) Chemistry **1.0 Credit** **Grades: 12**

This class offers highly motivated science students the opportunity to expand on topics covered in first-year chemistry. The curriculum is designed to be the equivalent of a first-year college general chemistry course. The nationally administered AP Exam is offered in May for students opting to take the test. A score of 3, 4, or 5 on the AP Chemistry Exam may earn college credit to be applied at the college or university of the student's choice. Prerequisite: College Preparatory Chemistry with B+ or better or recommendation of the instructor.

Environmental Science **1.0 Credit** **Grades: 11, 12**

This class is a full-year which surveys the use and importance of natural resources such as forests, energy sources, wildlife, etc. Basic ecological principles, which govern and influence the relationships of organisms to each other and their environment, will be studied. The problem of population, pollution and the social and economic results of human activities as we compete for all resources in order to maintain existence on earth will be examined. An awareness of the many roles that humans play in the scheme of events on earth and our responsibilities attitudes and appreciation of the value or resource use (past, present, and future) will become the fundamental aspect of study. Field investigations, laboratory work, small group and individual project work will compliment other classroom activities. Common and/or important local organisms will be identified, studied, and learned.

Physics **1.0 Credit** **Grades: 11, 12**

Physics is a one-year, one credit science course recommended for the college prep and/or technical school students. It is usually taken by seniors, and is open to select juniors with a strong background in math. Students that have a weak background in math will struggle in this course. The course is divided into mechanics, waves and optics, and electricity. Prerequisites are Algebra and Geometry.

Social Studies

World History **1.0 Credit** **Grades 9, 10, 11, 12**

Why are such dramatic changes taking place around the world? How is the past affecting decisions made in today's world? The answers to these questions will help create an awareness of how historical knowledge can be applied to understand how the world is now. Students will take a close look at world religions and how they influence events in today's world. Students will study how countries have been governed throughout history. Some topics include: Ancient Greece and Rome, the Middle Ages and Renaissance, and European Imperialism. Most topics will be studied by region and will include geography. This course is required for graduation.

US History **1.0 Credit** **Grades 10, 11, 12**

This course is a general survey of US History which emphasizes the following areas: The Civil War, industrial growth, world leadership and power, World War I, effects of the Great Depression, the New Deal Experiment, World War II, and a close look at post World War II history to date. The spotlight in this course is on the nation's people and how they worked, played and lived in the time past. The development of America's political and economic systems will also be given special consideration. The materials used will include videotapes, field trips, and guest lectures in order to dramatize the influence of the past on the present.

Sociology **0.5 Credit** **Grades 11, 12**

Sociology is the study of groups and how people affect one another. How do groups function? What makes a good leader? How are cultures different and similar? Does TV really affect people? What are different ways of doing "family" around the world? How does divorce affect kids? How are religions similar and different? Why do people discriminate and have prejudice? These are just some of the questions we will explore in this course.

American Government and Economic Concepts **1.0 Credit** **Grades 11, 12**

This is a full-year course required for graduation taken by all juniors. The course will survey the structure and function of the federal, state, and local governments. The Executive, Judicial, and Legislative branches will be examined in addition to political parties, the nomination process, elections, and the rights and responsibilities of the citizens.

In the Economics component, students will analyze and study economic concepts and principles in three contextual areas: individual and household context, a business context, and a government or public context. In addition, an emphasis will be placed upon current events and their relationship to global and economic issues.

Current Public Issues **0.5 Credit** **Grades 11, 12**

Are you interested in what is going on around you? Do you like to discuss your ideas with others? If the answer is “Yes”, this course is for you. During the semester, you will have the opportunity to explore some of the hottest issues that affect your life. The instructor and materials used will attempt to present both sides of these issues, allowing you the opportunity to make up your own mind concerning the topics discussed. Students are EXPECTED to complete weekly written news critiques and discuss issues with a mature attitude. A host of local resource individuals will be called upon to share their experiences to enhance daily lessons.

Psychology **0.5 Credit** **Grades 11, 12**

Psychology is the study of human behavior and the mental processes behind it. How does the brain work? Why do people have different personalities? What are the best ways to alter people’s behavior (including your own)? What are the common mental disorders, and what can help people get better? What are emotions and stress? What leads to mental health and happiness? These are among the questions we’ll address. Hope to see you there!

Industrial Technology

Safety Glasses: All students enrolled in Industrial Arts courses with the exception of drafting are required by state law to wear safety glasses. Students may purchase glasses from the teacher at a reasonable cost of approximately \$4.00.

Breakage Fee: A refundable breakage fee ranging from \$1.00 to \$4.00 is charged in Industrial Arts courses. Any student who has taken or is enrolled in a vocational course is not eligible to enroll in a related introductory industrial arts course.

Introductory Welding **0.5 Credit** **Grades: 9, 10**

This semester course will acquaint students with the fundamentals of shielded metal arc welding, and oxyacetylene cutting/welding and torch brazing. (Safety glasses required.)

Woodworking 1 **Credits: 1.0** **Grades: 9, 10, 11**

This is a full-year course in which students will design and create projects along with calculating quantities and costs. This course is machine oriented and stress is placed on the safe operation of stationery and portable electric tools common to modern woodworking. Areas of study include safe tool usage, design, methods of construction, joinery, and finishing. ***Safety glasses required.***

Woodworking 2 (Cabinet making) **1.0 Credit** **Grades: 10, 11, 12**

This is a one-year, one-credit course in cabinetry. Students will develop plans and procedures in order to create their own advanced woodworking projects. Development and adherence to plans is critiqued. This course will also cover general maintenance of various woodworking tools and machines. Prerequisite: C or higher grade in Woodworking I.

Safety glasses required.

Woodworking 3 **1.0 Credit** **Grades: 11, 12**

This is a full-year, one-credit course open to students who have successfully completed Woodworking 2 with a B or better grade. Students will work independently on advanced woodworking projects of their own design. Students will be required to research and report upon assigned subjects in the woodworking field. In the event that there are not enough students to run this class, it may be combined with the Woodworking 2. ***Safety glasses required.***

Business Education

Computer Applications **1.0 Credit** **Grades: 9, 10, 11, 12**

This is a full year, one credit course. Students will cover software applications such as Microsoft Word, PowerPoint, Excel, and Access. Emphasis will be given to processing real-life business files, in a simulated business setting. Multimedia presentations, word processing, spreadsheet development, and mail merge are also covered. Students who pass with a 90% or better will be awarded 4 credits at Bay College in the Office Systems program. In all activities and exercises, students put themselves in the place of business professionals using these applications to complete various tasks. SAM 2007 software will allow the student to have one-on-one training through several simulations and tasks.

Introduction to World of Business **1.0 Credit** **Grades 9, 10, 11, 12**

This course offers an overview of topics native to the business world. The year is broken up into four areas common to business. The include economics, marketing, operations management, and finance. Each section requires a final project to show the students understanding of the concepts presented. A comprehensive and original business plan will be created by the student step-by-step throughout the course and will be submitted for a grade at the end of the course. Students will also learn to recognize traits of the successful business person through guest speakers, video biographies of successful personalities, and NBC's "The Apprentice".

Accounting 1 **Grades: 10, 11, 12**

This is a full-year course open to students in grades 10, 11, and 12. It is designed to give the student a thorough understanding of the accounting theory as well as knowledge of accounting procedures and practices. Topics will include journalizing, posting, payroll, depreciation, inventory, financial statements and accrued revenue and expenses when dealing with proprietorships and corporations. Reinforcement activities, accounting simulations and various automated accounting exercises will be required.

Accounting 2 **Credits: 1.0** **Grades: 10, 11, 12**

This is a full-year course open to students who have successfully completed Accounting I. Accounting II is designed to help students gain a higher level of proficiency when dealing with corporate and cost accounting. Reinforcement activities, accounting simulations and various automated accounting exercises will be required.

Business and Consumer Finance **Credits: 1.0** **Grades: 10, 11, 12**

This is a full-year course open to students in grades 10, 11, and 12. It is designed to develop economic competency. Students should come to understand how our business system operates and the part students play in that system as a consumer, producer, and citizen. Money management, credit, investments, insurance, and banking are stressed. The study of current business news enables the students to become aware of the business world around them. Students will gain first-hand financial awareness through the use of guest speakers, video biographies, Oprah's Debt Diet five-show series as well as class projects.

Co-op **Credits: 1.0** **Grades: 11, 12**

This program is designed in order that students may experience work environment as a part of their curricula. Students may be placed as workers to aid them in exploring an occupation, to help in career choice, and to help provide general or specific work experience, which hopefully will lead to full time employment. A full credit is granted upon completion. This is a program for juniors and seniors only. Selection for co-op placement is made by the screening of applications by the coordinator. Based on the State accounting rules, students planning to participate in the co-op program must select a course, which is related to the co-op placement. *Students must sign up for 6 credit hours of other classes before Guidance Counselor awards them with a co-op placement.* **Credits: 1.0**

JAG **Credits: 1.0** **Grades: 11, 12**

Jobs for America's Graduates (JAG) Program at Escanaba High School. The program offers one credit hour of valuable learning experiences aimed at ensuring graduation, setting and completing educational goals and preparing for employment readiness. We are very excited about students gaining more knowledge about business correspondence, resume writing, employment interviewing skills, public speaking, telephone techniques, job shadowing, and decision-making.

Fine Arts

Introduction to Art 0.5 Credit Grades: 9, 10, 11, 12

This class is an introductory art class for students who are interested in art that may have never participated in an art class before. Introduction to art is required art class for all students interested in advanced courses in art. Students will experience the language of art and the principals and elements of art that are used to create a work of art. Many types of art media, artistic styles art movement, and world cultures will be examined and experimented.

Drawing & Painting 0.5 Credit Grades: 10, 11, 12

This course is for students seeking to develop advanced skills in drawing and painting media. Each student will be required to build a portfolio. Studio lessons will include cultural awareness, a variety of drawing and painting media, art movements, art styles, and art history. Prerequisite: Introduction to Art.

Pottery 0.5 Credit Grades: 10, 11, 12

In this course, students will create a variety of clay objects (two- and three-dimensional works of art) using various hand-building methods of pottery. Students will be encouraged to develop their own original ideas and designs from the prescribed and unique formula that is required to create pottery. Participants will learn about ancient cultures and present culture that have created clay objects for thousands of years. Prerequisite: Introduction to Art

Sculpture 0.5 Credit Grades: 10, 11, 12

Students will experiment with additive and subtractive sculptural methods. Participants will use a variety of sculptural media to create unique sculptures. Sculptural artists will be examined and the language of sculpture will be expounded. Prerequisite: Introduction to Art.

Band 1 (Freshman Band) 1.0 Credit Grade: 9

This is the entry level band at the high school in which most freshmen will enroll. Performances include three public concerts and participation in the MSBOA Solo & Ensemble Festival. Band members are also eligible to audition for pep band and jazz band.

Band 2 (Concert Band) 1.0 Credit Grades: 9, 10, 11, 12

This band consists of some advanced freshmen who test out of Freshman Band and upper classmen who do not wish to be a part of the Marching Band. Performances include three public concerts and participation in the MSBOA Solo & Ensemble Festival. Band members are also eligible to audition for pep band, jazz band, and District Honors Band.

Band 3 (Marching Band) 1.0 Credit Grades: 10, 11, 12

This band is the marching band during first semester and symphonic concert band during the second semester. This band has three public concerts during the year, performs at all varsity home football games, NMU Band Day, and the Escanaba's Christmas Parade. Participation in the MSBOA Solo & Ensemble festival is encouraged. Select members of this band will perform with the orchestra and pit orchestra. Members are also eligible to audition for pep band and jazz band.

Orchestra 1.0 Credit Grades: 9, 10, 11, 12

This is a continuation of the study and perfection stringed of instrument theory and playing techniques open to all students in grades 9-12. Basic competency on string instruments is essential. Enrollment is with permission of the instructor. Class members participate in solo and ensemble festivals and perform for community groups upon request. Private study is encouraged. Combined work with wind and percussion instruments is provided to develop full orchestra performance. Classical and popular string music is a part of the class.

Chorus 1.0 Credit Grades: 9, 10, 11, 12

Chorus is open to all students without prerequisite. Vocal singing techniques including breath control, tone, Placement and vowel production are emphasized. Students will also study basic music theory and music reading. The chorus sings two concerts each year and performs at the MSVMA district and state festivals. The festival chorus is made up of

members of the class upon recommendation of the instructor. Students may also participate in solo and ensemble festivals.

Chorale **1.0 Credit** **Grades: 10, 11, 12**

Chorale is an advanced performing ensemble open to students 10 through 12 upon completion of a successful audition. Auditions for the following year are held during the spring semester. The chorale participates in MSVMA district and state solo and ensemble and choral festivals. The annually travel to festivals in lower Michigan. Students in the group also have the opportunity to audition for Michigan State Honors choirs. The chorale performs often at other civic events.

Health & Physical Education

Students may choose physical educational classes from the following one-semester courses: (Students may participate in only one per semester.) Credit may be earned more than once in physical education class. However, consecutive enrollment in the same class must have the teacher's approval. Disruptive students who create safety problems in physical education class will be dropped from the class. Students who are dropped from class because of safety concerns cannot enroll in any other physical education classes for the remainder of the semester.

Health **0.5 Credit** **Grades: 8, 9, 10**

This class utilizes health textbooks, current health magazines, videos, charts, Internet resources, and class discussion to gain an overall sense of the importance of living a healthy lifestyle. The student will learn more about the fundamentals and functions of the human body and how to relate this knowledge to everyday living. Health is a class where knowledge, attitude, and behavior vital to a longer, happier life is examined and discussed. Health topics include: human reproductive health, emotional and mental health, drug use and misuse, nutrition and weight control, exercise and fitness, community and consumer health, emergency medical care, personal safety, and disease prevention.

Physical Education (Gym) **0.5 Credit** **Grades: 9, 10, 11, 12**

Physical Education is a one-semester course for students with primary emphasis placed upon participation and development of motor skills, conditioning and fundamental knowledge of recreational and lifetime sports. Particular attention is given to improving appreciation of team and individual sports. Activities include: fitness testing, volleyball, archery, badminton, basketball, soccer, speedball, touch football skills, golf, table tennis, softball, tennis, track, weight training, conditioning, and exercise videos.

Strength Training **0.5 Credit** **Grades: 9, 10, 11, 12**

Students will learn methods and essential principals of strength training. The goal is to develop knowledge and actual strength, speed endurance, agility, and flexibility. This is a one-semester coeducational class for serious students interested in health improvement. Individual programs will be developed for any athletic sport or individual program the student requests.

Placement Electives: (Placement by referral only.)

Tutor / Mentor **0.5 Credit** **Grades: 11, 12**

Student requesting to be a tutor/mentor must make application in the Student Services Office. Requests will only be granted upon receiving permission from the supervising teacher and Principal. Daily attendance in the assigned class is required with duties defined in a syllabus provided the teacher. Guidelines for the tutor/mentor are available in the Student Services Office. Under a new directive from the Michigan Department of Education, students may apply to be a tutor/mentor. The guidelines and application are available in the Student Services Office. Questions may be directed to the Guidance Counselor or Principal. Under this program, students receive a Credit or No Credit and 0.5 credit for each semester that they are involved in this program.

Guided Academics **Credit: 0.5** **Grades: 9, 10, 11, 12**

This class is set up for those students determined to need academic support for their core classes. Students in this class meet daily with a certified teacher for this support. Students will receive Credit or No Credit.

Yearbook

1.0 Credit

Grades: 12

Students are selected to work on the high school Eskypades Yearbook by recommendation of the Yearbook Advisor. This is a full-year class in which students use a variety of skills to produce the high school yearbook. These students must be very responsible and independent individuals. Responsibilities include taking pictures (some outside class time), writing agendas, leading club meetings, training club members in the use of software, editing and proofing pages, designing ads, contacting businesses, and interviewing students and staff. Students will receive a Credit or No Credit.

Career-Technical Center

Delta-Schoolcraft ISD

2525 Third Avenue South
Escanaba, Michigan 49829
(906) 786-9300

INTRODUCTION

Career-Technical education courses are offered to students utilizing the cluster concept. Students enroll in a specific course or program of courses. Basic skills required for a specific occupational area may be taught by rotating students through a series of related courses and a variety of instructors. The overall goal of the program is to prepare students for post-secondary education and/or to go directly into the work force.

TRANSPORTATION CLUSTER

AUTOMOTIVE TECHNOLOGY I (2 Credits)

The Automotive Technology I program is designed to provide the student with those skills necessary to attain state certification in auto mechanics for engines and auto electrical. The course deals with a variety of skills; shop/tool safety, precision measurement, electrical diagnostics, logical problem solving, diagnosis and repair of components. The students will also have the opportunity to rebuild their own automobile engine. Additionally, students will receive employability skills training while enrolled in this program. Students who successfully complete the Automotive Technology I program will have the skills necessary for entry-level positions in the automotive repair industry and the Automotive Technology II program.

Prerequisite: None

AUTOMOTIVE TECHNOLOGY II (2 Credits)

The Automotive Technology II program is designed to provide the student more in-depth instruction in brake system repair, tire balancing, power-train repair, steering/suspension service, wheel alignment, emission controls and engine tune-up. Students will receive in-depth instruction in the skills necessary to attain state certification in the following automotive areas: Brakes, Electrical Systems, Engine Repair, and Steering/Suspension. Each unit deals with a variety of skills: shop and tool safety, precision measurement, logical problem solving, diagnosis and repair of components, and employability skills. Successful completion of this program will provide the student with skills necessary for entry-level positions in the automotive industry, and assist in their future education. The automotive technology instructor is ASE certified and the program is NATEF (National Automotive Teacher Education Foundation) certified. Additionally, the student may receive NATEF & ASE certification as well as college credit by successfully passing the ASE & NATEF certification tests.

Prerequisite: Automotive Technology I

HUMAN SERVICES CLUSTER

CAREERS IN EDUCATION I (2 Credits)

The Careers in Education I course introduces high school junior and senior students to careers in teaching and education. It provides students with an orientation to the teaching profession and related fields by providing students with an in-depth look into the profession of teaching. Students study the growth and development of the learner, as well as the social, political, philosophical, cultural, legal and economic forces that shape the United States public education system. In addition, students participate in classroom observations and an extended on-site lab experience assisting a classroom teacher with one-on-one student assistance, group monitoring, and whole class instruction. Students study child development principles and principles of effective teaching practices. All Careers in Education I students will be provided an on-site work experience in the Small Wonders Preschool Lab and will participate in the Future Educators Association (FEA) international leadership organization. A strong interest in exploring a career in education and a desire to work with young

children is recommended. If you are interested in teaching as a possible profession and the role education plays in society, this class may be the one for you!

Recommended: Cumulative Grade Point Average minimum of 2.0 (C) - 4.0 (A).

CAREERS IN EDUCATION II (2 Credits)

The Careers in Education II course is open to high school senior students who have successfully completed Careers in Education I and wish to broaden their knowledge and skills through more extensive training and work experience. This course reinforces the content learned in the year prior through participation in an internship outside the ISD classroom three days per week. The internship may involve the pre-school level through middle school and is selected to match the student's career focus. All students will participate in the Future Educators Association (FEA) international leadership organization. A sincere interest in pursuing a college degree in an education related field is recommended when enrolling in this course.

Prerequisite: Successful Completion of Careers in Education I

HUMAN SERVICES CLUSTER (continued)

HEALTH OCCUPATIONS I (2 credits)

Health Occupations students prepare themselves for placement in a wide range of occupational specialties in the health care industry. As a Health Occupations student, you will be observing many health care professionals at work during your hospital, nursing home or other clinical rotations. These include, but are not restricted to: lab techs, x-ray techs, physical and occupational therapists, veterinary techs, etc. The first-year curriculum focuses on medical terminology, basic human anatomy and physiology related to diseases, and specialized skills such as Vital Signs, First Aid, and CPR.

Students will be eligible for three – seven (3-7) college credits: 1 credit – BLS for Health Professionals (Bay College – PHED 146 and NMU- HL 242), 1 credit from Ferris State University and Bay College - Safety Issues in Health Care (CCHS102, HLTH 103)), 1 credit from Bay Intro to Medical Vocabulary (HLTH 110), NMU – Medical Terminology (HL101), and 3 credits from Bay - Careers in Health Care (HLTH 100), Clinical Skills for Health Providers (HLTH 104), and Orientation to Health Care (HLTH 102).

Employability skills will be stressed throughout the program as well as growth in leadership opportunities through the student organization HOSA (Health Occupation Students of America). During the second semester, students receive in-depth instruction in their chosen profession and clinical non-paid work-based learning and job shadowing such as Mental Health, Dental Office, Rehabilitation Therapies, Animal Care, Pharmacy, Radiology, Mortuary Science, or Certified Nursing Assistant*.

Students must show proof that they are free of communicable diseases (TB), and immunizations are up-to-date, including the Hepatitis B series. Students must also pass a criminal background check as required by State of Michigan law. Students will also be required to follow a dress code for clinical rotations including; uniforms, white shoes, watch, limits on jewelry especially facial piercings, hair, nails and tattoos.

Seniors will be eligible for high school math credit by successful completion the CTE course.

Prerequisite: None

Certified Nursing Assistant Training*

- Students will have the opportunity to complete their Nursing Assistant Certification with the State of Michigan as stated under the Omnibus Reconciliation Act of 1991 (OBRA). This training is an integral part of the Health Occupations Program and relates to the nursing home clinical.

- During this phase of the course, students function as an assistant and provide direct, supervised care of elderly patients in a nursing care facility. Those offended or bothered by normal bodily functions, odors or hygiene issues must accept their responsibilities with professionalism and compassion or seek training in some other career field.
- Students must successfully complete the first semester of Health Occupations I to be eligible for the training program.
- The basic training consists of combined classroom and supervised clinical training that includes personal care skill, care of the patient environment, vital signs, nutritional needs and restorative care of the resident.
- Successful completion of the Nursing Assistant Training Program qualifies the student to take the examination required for the State of Michigan Nursing Assistant Certificate. You must begin working within one year or the certification expires.

HEALTH OCCUPATIONS II (2 credits)

The second year of Health Occupations expands the student's skills and knowledge in health care procedures and applications. This is accomplished through **Independent Study** classroom instruction, computer modules, Clinical internships, and study in their specific area of interest within the community health care setting. Students will be eligible for an additional five (5) credits from Bay College in Medical Terminology (HLTH 118) and Effective Stress Management (PHED 144). Continued development of employability skills will be stressed as well as growth in leadership opportunities through the student organization HOSA (Health Occupation Students of America).

Students must show proof that they are free of communicable diseases (TB – updated annually), and immunizations are up-to-date, including the Hepatitis B series. Students must also pass a **NEW** criminal background check as required by State of Michigan law. Students will also be required to follow a dress code for clinical rotations including; uniforms, white shoes, watch, limits on jewelry especially facial piercings, hair, nails and tattoos.

Students will receive a general clinical rotation at OSF St. Francis Hospital as well as in-depth clinical non-paid work-based learning and job shadowing such as Mental Health, Dental Office, Rehabilitation Therapies, Animal Care, Pharmacy, Radiology, Mortuary Science, or Certified Nursing Assistant*.

Prerequisite: Health Occupations I

Seniors will be eligible for high school math credit by successful completion the CTE course.

MANUFACTURING TECHNOLOGY CLUSTER

MACHINING I (2 Credits)

This course is designed to provide students with a broad understanding of opportunities in the field of machining. Components of the course will include blueprint reading, basic and finite measurement, basic machining operations, machine and workplace maintenance, workplace safety, and career and employability skills. In addition, students will be introduced to the design process, computer aided design, computerized numerical control (CNC) machining. Students will also be introduced to basic robotics and automation technology. Overall, students will have a wide range of hands on experience to assist them in making career choices in the ever-expanding machining industries.

- Basic Machining
- Blueprint Reading
- CAD, CAM

Prerequisite: None

MACHINING II (2 Credits)

The second year will focus on the computerized aspect of machining and allow students to gain more knowledge of the topics covered in Machining I. Students will get more involved in designing for manufacturing, just-in-time inventory, and other current manufacturing concepts. They will also be responsible for complete preparation of projects from the design phase to production and through final inspection. Students will receive career and employability training to better market their talents after high school and will also be involved in mentoring 1st year students and getting experience leading and training other students. Students will spend more time learning and utilizing CNC equipment.

In addition, opportunities may exist to explore the exciting field of manufacturing through internships with various local industries. Internship eligibility is based on needs of the local manufacturing community and for students in good academic standing.

- Precision Machining

Prerequisite: Machining I

WELDING TECHNOLOGY I (2 Credits)

This Welding course is designed to develop entry level job skills for students that may be interested in a career in the welding field. The student will study basic Shielded Metal Arc Welding, Gas Metal Arc Welding(Mig), Gas Tungsten Arc Welding (Tig), Oxygen Acetylene welding, Flux Cored Arc Welding, and demonstrate the processes according to the American Welding Society standards. This course is based on the fundamental welding concepts as they apply to welding carbon steel.

Prerequisite: None

WELDING TECHNOLOGY II (2 Credits)

Welding Technology II broadens the students' knowledge and skills through experience and independent study of welding procedures. In depth blueprint reading and welding symbol understanding through the completion projects will also be covered. CNC Thermal Cutting will be introduced. This course is based on the fundamental welding concepts as they apply to welding carbon steel, as well as aluminum and stainless steel. It emphasizes the interrelationships of the welding processes, material selection, product design, production techniques, quality control and provides the knowledge necessary to solve day-to-day welding and fabrication problems.

Prerequisite: Welding Technology I

SCIENCE, TECHNOLOGY, ENGINEERING AND MATHEMATICS CLUSTER (STEM)

CAD 1

Mechanical Drafting (2 credits)

This course is designed to provide students with training in the exciting field of Computer Assisted Drafting with emphasis on mechanical design concepts. Component of the course include the study of the principles and graphic methods currently employed in this industry. Emphasis is placed on learning basic and high level CAD concepts in addition to acquiring fundamental computer skills. Drafting topics covered include geometrical construction, technical sketching, orthographic projection, axonometric, oblique and, perspective drawing, and dimensioning, sectioning, primary and secondary auxiliary views. Computer topics include Windows, CAD systems, configuration of software, and software compatibility. Employability skills will also be taught as a part of this course.

State Segments to be covered:

1. Career Preparation and Employability
2. Engineering Technology and Safety
3. 2-D Drafting / CAD

4. Geometric Construction
5. Orthographic Construction
8. Supplemental Views (sections)

CAD 2

Mechanical Drafting-3D MODELING (2 credits)

This course is designed to give students basic knowledge of three-dimensional (3D) software. The students will create 3D models using basic concepts of parametric design. The software packages used in this class are Soft Plan, Mechanical Desktop, Pro Engineer and Solid Edge. In the course of the year students will be exposed to the following topics: Basic Mechanical Design Concept, Boolean Operations, mass properties, 3D modeling, and Parametric Design.

State Segments to be covered:

6. 3D Parametric Drawing
7. Dimensioning and Tolerancing
9. Engineering Drawings
10. Manufacturing Process
11. Engineering Design Concepts
12. Research and Development Applications

BUSINESS SERVICES AND TECHNOLOGY

ACCOUNTING & FINANCE I (2 Credits)

Accounting I introduces accounting systems and procedures that are applied to accounting records kept for businesses that operate in a private enterprise economy. Experiences are provided in analyzing business transactions, preparing financial statements, and relating their applications to personal and business use. Accounting I also provides students with an awareness of the role of the computer in maintaining accounting records and helps students understand the types of on-the-job activities that are required of entry-level accounting workers. A significant component of Accounting I is the exploration of career opportunities in the accounting field and basic math skills within a technical accounting environment. Basic computerized accounting is introduced at this beginning level.

Prerequisite: None

ACCOUNTING & FINANCE II (2 Credits)

This course is for the advanced accounting student who has successfully completed the Accounting I course. Accounting II expands on topics introduced in the first-year course. Students will learn accounting principles and concepts about sales and inventory, fixed assets, long-term liabilities and equity, and business and financial management.

Prerequisite: Accounting & Finance I

MEDICAL OFFICE TRANSCRIPTION I (2 Credits)

This is a beginning course for students who have successfully completed a keyboarding class. The content of this course includes the use of technology to develop communication skills, higher level thinking skills, decision making skills and basic office procedure skills. In addition, students will begin introductory lessons designed to:

Increase keyboarding speed and productivity

Develop proofreading and editing skills

Identify terminology for diseases, conditions, and treatment protocols

Identify the purpose and types of information contained in the most common kinds of medical transcribed reports

Provide students with basic medical transcribing lessons

Prerequisite: None

MEDICAL OFFICE TRANSCRIPTION II (2 Credits)

This course is for the advanced Medical Office Transcription student who has successfully completed Medical Office Transcription I. This course will expand on topics studied in year one. In addition, the performance of office procedures specific to the medical environment, transcription of medical documents from machine dictation, and the production of quality work in an efficient manner using business software application will be emphasized. Students successfully completing this class will transcribe accurate and correctly formatted office notes, chart notes, consultation letters, history and physical reports, operative reports, discharge summaries, and departmental related reports.

Prerequisite: Medical Office Transcription I

PC Technology I (2 Credits)

This program is designed to provide students with entry level skills related to the repair, installation and maintenance of desktop computer hardware including PC's, monitors, mice, keyboards, printers and basic networking devices. Students will gain hands-on experience in building new PC's, re-building older systems, installing new devices and troubleshooting computer systems in general.

Prerequisites: Keyboarding, computer classes

PC Technology II (2 Credits)

This program is a continuation of the PC Technology I course with an emphasis on computer software. Students will install operating systems (predominantly Windows), application software as well as software used for networking and the internet. Students will also learn Microsoft Office applications and learn how to install, update and repair all types of software.

Prerequisites: PC Technology I

Dual Enrollment

Effective April 1, 1996, Public Act 160 created the Post Secondary Enrollment Options Act which directs school district to assist students in paying tuition and fees for courses at Michigan public or private colleges or universities, if all the following conditions are met:

Students are in grade 11 or grade 12.

Students must meet the requirements for an endorsed diploma in one or more areas of the MEAP test.

Students must be enrolled in both the school district and post secondary institution during the local school district's regular academic year and must be enrolled in at least one high school class.

The college course(s) must not be offered by the district. An exception to this could occur if the board of education determines that a scheduling conflict exists, which is beyond the student's control.

Special Education

Courses and services through the Special Education Department are available for only those students who have been identified as being eligible for services in accordance with procedures established by State Law (P.A. 451). Programs for these students are identified by an Individual Planning Committee. Services Available

1. Speech therapy.
2. Tutorial support.
3. Individual instruction in the various resource room classes, including hearing impaired.
4. Social worker consultation.
5. Teacher consultation diagnostic testing.
6. Psychological testing (psychologist)
7. Homebound/hospitalized programming.
8. Individual Vocational Training-Counseling-Work Study.

Life Skills	1.0 Credit	Grades: 9, 10, 11, 12
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This class will be devoted to learning those skills necessary for independent living. Some of the skills being taught will include budgeting, cooking, cleaning, how to find employment, and social skills.

Basic Language Arts	1.0 Credit	Grades: 9, 10
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This course is for students at or below a 4th grade reading level. It concentrates on improving decoding skills (phonics), spelling, listening, study skills, vocabulary, and comprehension skills as it applies to reading everyday at home and on the job. The student also learns how to be an active participant in their Individual Education Plan (IEP).

It also provides a foundation for students to improve their writing skills, including grammar, capitalization, and punctuation, through sentence and paragraph construction. Writing skills related to the job and routine correspondence will be emphasized. An oral presentation will also be required.

9th Grade Lab	1.0 Credit	Grades: 9
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Students with disabilities take this course if they need support from special education. Students will work on current 9th grade curriculum and IEP goals. Students will receive Credit or No Credit.

10th Grade Lab	1.0 Credit	Grades: 10
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Students with disabilities take this course if they need support from special education. Students will work on current 10th grade curriculum and IEP goals. Students will receive Credit or No Credit.

11th Grade Lab	1.0 Credit	Grades: 11
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Students with disabilities take this course if they need support from special education. Students will work on current 11th grade curriculum and IEP goals. Students will receive Credit or No Credit.

12th Grade Lab **1.0 Credit** **Grades: 12**

Students with disabilities take this course if they need support from special education. Students will work on current 12th grade curriculum and IEP goals. Students will receive Credit or No Credit.

Algebra 1 Personal Curriculum **1.0 Credit** **Grades: 9, 10, 11, 12**

This class covers modified course content from the Michigan Merit Content Expectations for Algebra 1. Placement for this class requires an IEP and Personal Curriculum on file.

Geometry Personal Curriculum **1.0 Credit** **Grades 10, 11, 12**

This class covers modified course content from the Michigan Merit Content Expectations for Geometry. Placement for this class requires an IEP and Personal Curriculum on file.

Work Experience **1.0 Credit** **Grades: 11, 12**

This class is designed to support students in finding and keeping a job and receive credit. It may be a paid or an unpaid experience. Mandatory paperwork is required to receive credit for this work.

College Survival Skills **1.0 Credit** **Grades 12**

This is a course for students with disabilities in and is in a resource room. It covers a variety of strategies that teach students how each individual learns, how to study effectively, and ways to keep yourself balanced with school, work, and family.

Social Studies PC **0.5 Credit** **Grades 9, 10, 11, 12**

This is a full year course for those students who are working towards a Certificate of Completion to fulfill their social studies requirement.

Geometry Lab **0.5 Credit** **Grades 10, 11, 12**

This course is for those students with a disability who are currently taking Geometry. Students will receive one-on-one instruction and support to increase their success.

Chemistry Lab **1.0 Credit** **Grades 11, 12**

This class is designed to accompany Team-taught Chemistry as a support hour. Students must be enrolled in Chemistry and must have an IEP on file.

Basic Math **1.0 Credit** **Grades 9-12**

Students will be exposed to functional math skills and apply them in everyday life.

Reading PC **1.0 Credit** **Grades 9-12**

Students will be participating in a research based reading program, "Lexia". Lexia targets reading and comprehension skills.

Probability PC **1.00 Credit** **Grades 11 & 12**

TBA

Science PC **1.00 Credit** **Grades 9-12**

This is a full year course for those students who are working towards a Certificate of Completion to fulfill their science requirement.

Course Summary

Subject:	9th	10th	11th	12th
English	English 9 English 9 – Acc	English 10 English 10-Acc	English 11 or 11-A Speech *■ Drama *■ Creative Writing *■ Into to Film*■	English 12 AP English Speech * or Drama*■ Creative Writing *■ Into to Film*■
Foreign Language	French 1 Spanish 1	French 1, 2 Spanish 1, 2	French 1, 2, 3 Spanish 1, 2, 3	French 2 & 3 Spanish 2 & 3
Math	Algebra 1 Geometry-A Geometry	Algebra 1 Algebra 2 Geometry-A Geometry	Geometry Geometry Acc Algebra 1 & 2 Algebra 2 (A & B) Pre Calculus, Intro to Stats, AP Statistics AP Calculus	Geometry Geometry Acc Algebra 1 & 2 Algebra 2 (A & B) Pre Calculus, Intro to Stats, AP Statistics AP Calculus
Science	Introduction to Earth Science / Physics	Biology Biology Acc	Biology AP Biology Chemistry AP Chemistry Environmental Science Physics	Biology AP Biology Chemistry AP Chemistry Environmental Science Physics
Social Studies	World History	US History	US History Sociology * Government Curr Public Issues * Per Psychology *	US History Sociology * Government Curr Public Issues * Per Psychology *
Business		Intro World of Business Computer Applications Accounting 1	Intro World of Business Computer Applications Accounting 1 & 2 Business and Consumer Finance	Intro World of Business Computer Applications Accounting 1 & 2 Business and Consumer Finance
Industrial Tech	Intro to Welding * Woodworking 1	Intro Welding * Combined Welding Woodworking 1, 2	Woodworking 1, 2, 3	Woodworking 1, 2, 3
Fine Arts	Intro to Art * Band 1, 2 Orchestra Chorus	Intro to Art * Drawing & Painting * Pottery * Sculpture * Band 2, 3 Orchestra Chorus or Chorale	Intro to Art * Drawing & Painting * Pottery * Sculpture * Band 2, 3 Orchestra Chorus or Chorale	Drawing & Painting * Pottery * Sculpture * Band 2, 3 Orchestra Chorus or Chorale
Health & Physical Ed	Phy Ed* Strength Training* Health*	Phy Ed* Strength Training*	Strength Training*	Strength Training*

* Indicates one-semester course (.5 Credit)

This course can be either one semester or a full year

■ Indicates course does not meet requirement for graduation and is an elective.

Career-Technical Center

Delta-Schoolcraft ISD

Junior & Seniors only – see course descriptions.

All ISD courses are double period, full-year, 2.0 credits.

Accounting & Finance 1 & 2 Automotive 1 & 2 Careers in Education 1 & 2 Health Occupations 1 & 2 Medical Office Assistant 1 & 2	Computer Aid Design (CAD) 1 & 2 PC Technician 1 & 2 Welding Technology 1 & 2 Machining 1 & 2
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