STEPHENSON HIGH SCHOOL

2026 - 2027

COURSE BOOKLET

Course Catalog 2026 – 2027

Required graduation courses: (21) Credits *minimum* needed for Graduation

4 English credits:

- English 9 — 1 Credit
- English 10 — 1 Credit
- English 11 — 1 Credit
- English 12 — 1 Credit

3 Social Studies credits:

- Civics — ½ Credit
- Economics — ½ Credit
- World History — 1 Credit
- U.S. History — 1 Credit

4 Math credits:

- Algebra 1 — 1 Credit
- Geometry — 1 Credit
- Algebra IIA — 1 Credit

  OR
- Algebra II — 1 Credit

*The following courses qualify for a fourth-year or fifth-year math credit:

- Personal Finance — 1 Credit
- College Math Class — 1 Credit

3 Science credits:

- Integrated Science — 1 Credit
- Biology — 1 Credit
- Chemistry, Earth Science, Physics, or Environmental — 1 Credit

1 Visual, Performing, and Applied Arts Credit (VPAA) — 1 Credit

- See course offerings in VISUAL ARTS, MUSIC, and/or TECHNOLOGY EDUCATION

2 Foreign Language Credits*

- Sign Language — 1 Credit
- Sign Language 2 — 1 Credit

**If a student does NOT take a 2nd year of foreign language, an additional credit in VPAA must be earned.*

1 Physical Education / Health credit:

- P.E. / Health — 1 Credit

Electives in any area — 3 Credits

This includes AT LEAST one ONLINE LEARNING EXPERIENCE.

How many classes do I have to take?

Stephenson MS/HS is on a seven-period day. All students are required to be enrolled in seven class periods each semester.

How do I earn a credit?

One full credit will be granted for each class which meets one period per day, five times each week for the entire school year. One-half credit will be issued for those classes that are semester long courses which meet one hour a day, five days per week. One-half credit will be issued for the Enrichment class, which meets 30 minutes each day.

SCHEDULE POLICY

A student's schedule should reflect the individual student's abilities, interests and goals – as updated in the student's EDP (Educational Development Plan). Therefore, the selection of courses requires the involvement of the student, the parent, the student success coordinator, and the teacher. Thoughtful planning will result in a more satisfactory environment in which to learn and grow. Once a class schedule has been finalized, it is difficult to make further changes because of class size, scheduling, and conflicts.

All students must be enrolled in seven (7) classes. Class changes will be permitted during designated times of the year when the change contributes to the overall academic success of the student and approval must be sought from an administrator, the parent(s), and the teacher. A class may not be dropped unless another is added.

It is the policy of Stephenson Area Public Schools not to discriminate against any student on the basis of race, color, religion, national origin or ancestry, age, sex, marital status or persons with disabilities physically or mentally challenged, in educational programs, activities or services and to comply with all requirements and regulations of the U.S. Department of Education, Title VI of the Civil Rights Act of 1964, Title IX of the Education Amendments of 1972, and Section 504 of the Rehabilitation Act of 1973. A complete copy of the nondiscrimination policy and grievance procedures is available in the office.

GRADUATION CEREMONIES

A. Every graduating senior must take part in graduation rehearsals, unless prior approval has been obtained from the high school principal.

B. All students must have earned the required amount of credit for their year of graduation to be eligible to receive a high school diploma. (See page 1)

C. All of the following must be met:
    1. At the end of the 7th semester of a student's high school attendance, any senior who has earned specified credits and is enrolled in the required credits necessary for graduation may qualify for their diploma and/or participation in the graduation ceremony.
    2. At the end of the 7th semester of their high school attendance, any senior who has not earned the specified credits will not graduate, and may not participate in the graduation ceremony.

Certificate of Completion Requirements

The Michigan Merit Curriculum and the State of Michigan's high school expectations mandate that student complete a comprehensive and rigorous program in order to receive a high school diploma.We recognize that not all students will be able to meet these expectations. Those special education students will work toward a Certificate of Completion. Students working on a modified curriculum through the Certificate of Completion will be entitled to receive a free appropriate public education until the student is 26 or receives a high school diploma.

For non-diploma students, students must earn a minimum of 18 credits and meet at a minimum the following requirements.:

Math	2 credits
English	2 credits
Personal Finance	1 credit
Visual or Performing Art	1 credit
Physical Education	½ credit
Health	½ credit
Electives	11 credits
Total Credits	18 credits

COURSE OFFERINGS IN ENGLISH

ENGLISH 9 — 1 credit

This course focuses on 6 major units in literature and writing. These include short stories, introduction to high school writing, introduction to drama, epic poetry, contemporary realistic fiction, and Shakespearean tragedy. In addition to these units, students will write narrative, expository, persuasive and research essays.

ENGLISH 10 — 1 credit

Throughout the year, this course builds on the reading and writing components started in English 9. Units align with the Common Core Curriculum and include: development of literary elements, novel units, essay writing, informational texts, and real-world connections. Students will continue to refine research and writing skills.

ENGLISH 11 — 1 credit

This course focuses on major units in American literature and writing. These include short stories and writing a variety of short essays, seminal U.S. documents, independent novels, emphasis on nonfiction reading, and contemporary realistic fiction. Throughout the year, students will also review skills needed for the SAT/ACT. In addition, students will write narrative, expository, persuasive and research essays.

ENGLISH 12 — 1 credit

Students will also continue a study of fiction, informational text, and research writing. Senior students will focus on college prep and technical writing skills. Classroom experiences will include: review and development of grammar relating to writing concise sentences, paragraphs, and essays; responsive writing to a variety of articles, essays, books, and videos; research projects and presentations.

COURSE OFFERINGS IN SCIENCE

INTEGRATED SCIENCE Grade 9 **1 credit**

The students will be introduced to topics and real-world applications in chemistry and physics. Topics covered include forces and motion; waves, energy, electricity and magnetism; atoms, atomic history, chemical reactions and change of phase; and molality, molarity, conversion factors, and nuclear chemistry. This course prepares students for high school chemistry and physics.

BIOLOGY (Prerequisite: Integrated Science) **1 credit**

This is a lab oriented, life science course designed for sophomore students to introduce them to the animal world. Focal examples, both plant and animal will be used including dissection.

CHEMISTRY **1 credit**

This course bases on the study of chemical composition and reactions. Focal topics include, properties and states of matter, atomic structure, electron configuration, chemical bonding, periodic properties, nomenclatures, chemical quantities, stoichiometry, gas laws, solutions, thermochemistry, reaction rates, equilibrium, acids and bases. If time is allotting we will cover more topics. There are various labs and graphing activities integrated into this course.

EARTH SCIENCE (grades 11-12) **1 credit**

This course is designed to expose the student to the scientific study of the Earth. Students will learn how observation and experimentation are used to gain knowledge about the Earth's past and present and used in making predictions about the Earth's future. This course aligns with Next Generation Science Standards and fulfills a Michigan Merit Curriculum high school science credit.

PHYSICS **1 credit**
(Prerequisite: Integrated Science and Algebra II – or teacher approval)

Physics is a course that studies matter and energy. Topics of study are kinematics, force, centripetal motion, torque, momentum, angular momentum, work and energy, harmonic motion, electricity, circuits, and thermodynamics. There will be various labs and a research project involved in this course.

Environmental Science **1 credit**
(Prerequisite: Junior or Senior, Integrated Science, Biology)

Environmental Science is a course that studies ecosystems, water, energy, soil and waste in the world around us. There will be various labs and research projects involved in this course. Students receiving a grade of B or better can earn 3 college credits for this class.

COURSE OFFERINGS IN MATHEMATICS

ALGEBRA I **1 credit**

This course requires students to learn to describe the world around them with algebraic expressions, equations, graphs, and statistics. In addition, it employs geometry and probability to motivate, justify, extend and enhance important concepts of Algebra.

GEOMETRY (Prerequisite: Algebra I) **1 credit**

This course emphasizes the connection between the physical and visual world with what the algebra student knows. Students study each mathematical idea in depth through applications and practical problems, providing opportunities to develop skills and to understand the importance of mathematics in everyday life.

ALGEBRA II or ALGEBRA IIA / IIB (Prerequisite: Geometry) **1 credit**

A major goal of Advanced Algebra is to develop skills in manipulating linear, quadratic, exponential, logarithmic, and trigonometric expressions and sentences. The class emphasizes the importance of math in daily living, career development and future study of mathematics.

5th YEAR MATH (Grade 13) **1 credit**

For 5th year students who must take a math or math related class in their 5th year, the following classes will count and be listed on transcript with CR or NCR: college math, statistics, chemistry, physics, welding, or as approved by the principal.

COURSE OFFERINGS IN SOCIAL STUDIES

CIVICS (One semester) **½ credit**

This course covers topics such as the American politics, government, duties, rights, and regulations.

ECONOMICS (One semester) **½ credit**

Topics such as Measuring the Economy, Money, Banking, Economic Growth, International Trade, Supply and Demand and much more are covered.

U.S. HISTORY **1 credit**

This course traces the development of the nation from colonial settlement to the present. Some eras covered and topics included will be colonization, the War for Independence, the growth of democracy, the Civil War, Industrialism, Western settlement, growth of a world power, the Progressive Era, World War I, the Roaring 20's, the Great Depression, World War II, the Cold War and the 50's, Vietnam and the 60's, Watergate and the 70's, and events of the 1980's.

WORLD HISTORY **1 credit**

World History will trace civilization from earliest times. While the main emphasis will be on Western Civilization, there will also be references made to events in all areas of the world. Linguistic references and references to ancient texts will be numerous.

COURSE OFFERINGS IN VISUAL ARTS

Art education gives all students knowledge, skills, useful attitudes and values about the visual world around them. It provides a language and an avenue of expression. The Stephenson High School visual art education courses consist of four content components: Creating Art & the Art Production Process – by using art materials, learning techniques and developing skills the students learn about art by doing; Historical, Cultural & Social – the roles art and artists have played in the development of the world's cultural heritage and in contemporary society; Art Criticism – a form of visual literacy where the student observes, describes, analyzes, interprets and makes judgments about are forms; Aesthetics – through philosophical questioning, perspectives are broadened, affecting the way a learner views, creates and values art.

ART I Grades 9-12 **1 credit**

Art I is an introductory course, which offers a variety of two-dimensional projects, including the study of the basic elements and principles of design. Personal expression and imaginative use of materials and technique is encouraged.

ART II (Prerequisite Art I) Grades 10-12 **1 credit**

Art II is a survey course, which provides continued study and application of the basic elements and principles of design through two and three-dimensional instructional units. Materials and techniques are reviewed, and advanced concepts are pursued.

ART III (Prerequisite: Art II) Grades 11-12 **1 credit**

Art III is an advanced survey course, which provides continued study and application of the basic elements and principles of design through two and three-dimensional instructional units. Materials and techniques are reviewed, and advanced concepts are pursued.

HS BAND Grades 9-12 **1 credit**

The high school band is the instrumental performing group of the senior high school. The class continues to build upon basic music knowledge acquired at previous levels through performance of a wide range of fine band literature. The high school band performs at all home football games; boys' and girls' basketball games, presents three concerts per year and also participates in various parades.

COURSE OFFERINGS IN FOREIGN LANGUAGE

AMERICAN SIGN LANGUAGE Grades 8 -12 **1 credit**

Sign Language for the first year concentrates on everyday communication. It introduces students to the basic signs, techniques, and cultural knowledge, which will support the students to start signing.

SPANISH Grades 8 -12 **1 credit**

Spanish 1 is a basic course designed to give the student a general understanding of fundamental Spanish, including listening, speaking, writing and reading. The interaction of students in the Spanish language is encouraged. Reading is introduced through dialogues and short stories. The culture of Spanish speaking countries is explored through various activities. Audio-visual aids are used in order to enhance the students' foreign language experience.

COURSE OFFERINGS IN PHYSICAL EDUCATION/HEALTH

PHYSICAL EDUCATION **1/2 credit**

Physical Education: One semester. Coverage of activities including team strategies and skill techniques. A positive application of skills and strategy through class participation will be expected.

HEALTH **1/2 credit**

Health: One semester. This course will deal with the physical and emotional functions of the human body. Students will acquire knowledge, attitudes, and skills designed to enhance their health and well-being.

STRENGTH AND CONDITIONING **1 credit**

(Not offered every year).
Strength and Conditioning includes a wide variety of exercises, lifts, agilities, and techniques designed to maximize one's overall total fitness, strength, and agility. Throughout the course we will cover weightlifting, fitness and agility topics that will enhance the students' understanding of the human musculature and how to target specific areas that will enable him/her to reach personal goals. Finally, this course will enable each athlete to benefit from sport-specific movements allowing each student more functional strength.

COURSE OFFERINGS IN TECHNOLOGY EDUCATION

WELDING & FABRICATING TECHNOLOGY Grades 9-12 **1 credit**

This course consists of working in four areas. The student will spend five weeks in introduction to manufacturing, which will cover: identifying metals, shop safety, measurements and blueprint reading. The student will spend four weeks in introduction to sheet metal where students will be required to design and build a toolbox including a material planning/cost sheet analysis. Semester II will consist of nine weeks of introduction to welding, which will cover arc welding, gas welding, oxy fuel cutting and pipe welding applications. The final nine weeks will be project based where students will build woodstoves, small trailers, and other small projects. The course is designed to be exploratory in nature but if mastery is accomplished students may be ready for an entry-level position in industry.

COURSE OFFERINGS – OTHER APPLIED ARTS ELECTIVES

LEADERSHIP Grades 11-12 **1 credit**

This course consists of a student helping out in a teacher classroom provided it is in line with their education development plan.

WORK STUDY Grade 12 **1 credit**

The Work Study program provides students a unique opportunity to explore and develop skills in their career area of interest by engaging in a personally developed training plan in conjunction with their classes and a relevant work environment. Students must be available for employment in a position related to both their classes and their career employment goals as evidenced by their Educational Development Plan (EDP). Students are required to provide regular documented evidence of their worksite training through employment and they must check in regularly with the Work Study coordinator.

CODING Grades 9-12 **1 credit**

Coding covers a basic introduction to the principles of programming, including algorithms and logic. Students engage in hands-on programming tasks as they write and test their own code using the approaches real programmers use in the field.

ENRICHMENT Grades 9-12 **0.5 credit**

Enrichment builds upon skills learned at previous levels and is designed to follow the curriculum set forth in state standards. Students will be using a variety of tools and activities to improve skills in reading, writing, math, social emotional learning, and careers.

COURSE OFFERINGS – 5th YEAR REQUIRED

SEMINAR Grades 13 **1 credit**

This course is a course that consists of learning how to succeed in college classes and in the college environment. The high school student will complete weekly lessons in a Google Classroom. Students will build communication skills, time management skills, social emotional skills, career exploration, service opportunities and other college related activities.

CAREER AND TECHNICAL EDUCATION

Students taking CTE courses are able to use those classes as credits in other subject areas:

Credits	Type	Who Can Earn It
1-2 credits	Elective	Students enrolled in any CTE course
1 credit	Visual Performing Applied Arts	Students enrolled in any CTE course
1 credit	4th year of math	Seniors enrolled in year-long CTE course
1 credit	3rd year of science	Students enrolled in year-long CTE course
1 credit	2nd year of foreign language	Students enrolled in year-long CTE course
1 credit	Technical Math (for Algebra II)	Students with Personal Curriculum and are enrolled in CTE courses with technical math

In the Career/Technical Education area students gain career, technical and academic training using "hands-on" experiences. The students will receive training in a laboratory setting and in the community.

ALL COURSES OPEN TO BOTH MALES AND FEMALE STUDENTS.

ENGINEERING / AUTO/ WELDING - Menominee High School

CTE PRE-ENGINEERING GRADE 9-12 **2½ credits**

Students will be introduced to measurement, blueprint reading, layout and perform bench work to support their learning. Students will have the opportunity to perform safe lab practices in the areas of flame cutting and plasma cutting, welding, and machining. Students will learn to operate power saws, drill presses, lathes, mills, and grinders. Students will be introduced to both 2D and 3D computer aided design and use the software to prepare programs from basic cutting and 3D printing. Students will be introduced to the design process and complete hands-on activities to support their learning. **This course meets the Michigan Merit Curriculum requirements as Applied Arts credit.**

CTE MACHINE 1 GRADE 10-12 **2½ credits**

Perform safe lab practices, perform measurement, layout, and inspection operations, interpret blueprints, and perform bench work. Operate the following power equipment: power saws, drill presses, lathes, mills (vertical and horizontal), and grinders. Also included will be an introduction to CNC program writing, using the CNC plasma cutting table. This course meets the Michigan Merit Curriculum requirements for a Senior Math-related credit and an Applied Arts credit. **STUDENTS ARE REQUIRED BY LAW TO PURCHASE AND WEAR A PAIR OF SAFETY GLASSES.**

CTE MACHINE 2 GRADE 11-12 **2½ credits**

Prerequisite:Successful completion of MachineTool 1

Advanced processes and projects on the power equipment of the power saws, drill presses, lathes, mills, and grinders. Introduction of Computer Numerical Control (CNC) manufacturing processes through software usage, and program writing. Frequent field trips to local industries and the community college (NWTC) to relate to post high school training in the Computer Aided Manufacturing (CAM) processes. Students will also have instruction for Machine Tool Processes, Computer Aided Drafting Software, Welding Sciences & Processes, Introduction to Shipbuilding and Employability Skills. Through hands-on projects, students will be exposed to

professional communication and collaboration methods, design ethics, and technical documentation. Students will use industry standard 3D solid modeling software to design and document their solutions to design problems and challenges. They then will communicate their design solutions to peers and members of the professional community. **This Course meets the Michigan Merit Curriculum requirements for a Math-related credit if taken in the senior year and for an Applied Arts credit. STUDENTS ARE REQUIRED BY LAW TO PURCHASE AND WEAR A PAIR OF SAFETY GLASSES.**
CTE

CTE WELDING GRADE 10-12 **2½ credits**
The main objective of this course is to engage students in the safe and practical use of metal fabrication techniques. The incorporation of math conversion will be strongly emphasized along with basic design principles. This course will teach the basic principles of oxy/gas cutting (torch), plasma arc cutting, MIG (wire welding), and stick welding with various electrodes. **This course meets the Michigan Merit Curriculum requirements for a Senior Math-related credit and an Applied Arts credit. STUDENTS ARE REQUIRED BY LAW TO PURCHASE AND WEAR A PAIR OF SAFETY GLASSES. Juniors and Seniors have an opportunity to receive 4 transcribed credits of Welding from NWTC. Articulated credit - Student must receive a grade of C or better to receive articulated credit**

CTE-AUTOMOTIVE Grades 11-12 **2½ credits**
Description: This program is designed to provide every student with entry level skills required to obtain employment in the automotive field. Through the use of relevant theory, application, and hands-on activities, students will be exposed to the necessary skills required to attain state certification in automotive brake systems. Course work shall also include a variety of skills related to: shop/personal safety, employability, precision measurement, and engine performance diagnosis and repair. **This course meets the Michigan Merit Curriculum requirements for a Senior Math-related credit and an Applied Arts credit. STUDENTS ARE REQUIRED BY LAW TO PURCHASE AND WEAR A PAIR OF SAFETY GLASSES.**
Technical Curriculum:

NATEF BRAKES 110 HOURS	**ENGINE PERFORMANCE**
A. General Brake System Diagnosis	A. General Engine Diagnosis
B. Hydraulic System Diagnosis and Repair	B. Computerized Engine Control Diag/Repair
C. Drum Brake Diagnosis and Repair	C. Ignition System Diag/Repair
D. Disc Brake Diagnosis and Repair	D. Fuel, Air Induction Exhaust Diag/Repair
E. Power Assist Unit Diagnosis and Repair	E. Emissions Control System Diag/Repair
F. Miscellaneous Diagnosis and Repair	F. Engine Related Services
G. Electronic Brake, Traction and Stability Control Systems Diagnosis and Repair	

Juniors and Seniors have an opportunity to receive 2 transcribed credits of Auto from NWTC. Articulated credits

CTE/AUTOMOTIVE II Grades 11-12 **2½ credits**

Prerequisite: Students who are taking the second year of Auto, must have earned a C+ or better in the first year of Auto. The Automotive Technology electrical systems course promotes entry level skill development required to obtain certification and employment in the transportation career field. Content includes safety, tools, employability development, vehicle maintenance, precision measurement, electrical system diagnosis and repair, and steering/suspension systems diagnosis and repair. Course instruction includes hands-on experiences and practical application. Class format is a two-period block for a full year and students can earn two credits. **This course meets the Michigan Merit Curriculum requirements for a Senior Math-related credit and an Applied Arts credit. *STUDENTS ARE REQUIRED BY LAW TO PURCHASE AND WEAR A PAIR OF SAFETY GLASSES.***

Technical Curriculum:

NATEF ELECTRICAL

A. General electrical system diagnosis

B. Battery diagnosis and service

C. Starting system diagnosis and service

D. Charging system diagnosis and service

E. Lighting systems diagnosis and repair

F. Gauges, warning devices, DIS diagnosis and repair

G. Horn, wiper/washer diagnosis and repair

H. Accessories diagnosis and repair

STEERING AND SUSPENSION

A. Steering Systems

B. Suspension Systems

C. Wheel Alignment

D. Wheels and tires

Juniors and Seniors have an opportunity to receive 2 transcribed credits of Auto from NWTC. Articulated credits

CTE AUTO 3 Grade 12 **2½ credits**

Prerequisite: Successful completion of 2 years in the same career/tech class. Available in Manufacturing or Automotive Tech. **Prior approval of the instructor and counselor is required.** The advanced technological skills and theory in an occupational area. The student selecting this study should have demonstrated a high level of interest and aptitude toward this occupational preference. The study will be designed by the instructor to meet the individual needs of the student and may include work experience. **This course meets the Michigan Merit Curriculum requirements for a Senior Math-related credit and an Applied Arts credit. STUDENTS ARE REQUIRED BY LAW TO PURCHASE AND WEAR A PAIR OF SAFETY GLASSES.**

FAMILY & CONSUMER SCIENCE - Menominee High School

CTE NUTRITION AND FOODS GRADE 10-12 **1 credit**

This is a food course in which the students will be presented with basic information on food selection, nutrition, healthy eating patterns, and specific dietary eating guidelines. Students will examine health risks related to food consumption, such as: cancer, heart disease and high blood pressure. In addition, athletic diets and weight control techniques may be included. The course will emphasize that individuals make choices in their diets that will affect their future health. Food labs are an integral part of this course and usually occur several times a week. Then beginning with the second marking period students will be given ample opportunity to select their own healthy recipes to prepare in the food lab. Evaluation will be on individual projects, food lab work, written assignments and examinations. **This course meets the Michigan Merit Curriculum requirements as Applied Arts credit.**

CTE PRINCIPLES OF DESIGN 1 & 2 GRADE 9,10,11,12 **½ credit**

Discover the exciting world of Design as related to the fashion and housing industry. Students will learn the foundation of design using the elements and principles of design with emphasis on color, line, focal point, balance, proportion and rhythm. Hands-on-projects will be a vital part of the course. Projects may involve the use of computers, individual skills and/or other methods. Students will be using a software program to create a housing design project. Grades will be based on tests, written work, presentations and projects. **This course meets the Michigan Merit Curriculum requirements as Applied Arts credit.**

CTE INDEPENDENT LIVING GRADE 10,11,12 **½ credit**

The majority of people will eventually move away from home and become independent. The content of this course will focus on life skills needed to prepare students to succeed on a day-to-day basis. Units of instruction that may be addressed are the realities of moving away, searching for a job, handling money, apartment living, banking and credit, insurance and automotive purchases. It will expose students to choices and decisions that are necessary when they are on their own, as well as the consequences of poor decision making. Evaluation will be on class participation, projects, tests and reports. T**his course meets the Michigan Merit Curriculum requirements as Applied Arts credit.**

CTE WORKING WITH CHILDREN GRADE 9-12 **½ credit**

This course will concentrate on the social-emotional development of children from toddler to school-age. Child behaviors, actions, and techniques to help children. A major part of the second marking period will be spent putting together and lesson plans. Students will then teach three lessons to the elementary. Evaluation will be on class participation, group projects, teaching experience, individual work, and written evaluation. **This course meets the Michigan Merit Curriculum requirements as Applied Arts Credit.**

CTE TEACHER CADET 1 GRADE 10-12 **1 credit**

Recommended Course Prerequisites: Working With Children, Psychology, or Sociology

Teacher Cadet 1 is an innovative year-long activity based curriculum for high school sophomores, juniors and seniors. The course is designed to provide students with an opportunity to explore and experience first-hand teaching as a profession. In this program, Teacher Cadets will be involved in the development and application of content, classroom observations, and factual teaching in a variety of educational settings at multiple levels – preschool, elementary, middle school and high school. **This course meets the Michigan Merit Curriculum requirements as Applied Arts Credit.**

CTE TEACHER CADET 2 GRADE 11-12 **1 credit**
Course Prerequisites: Teacher Cadet 1
Teacher Cadet 2 is an innovative year-long activity based curriculum for high school juniors and seniors. The course is designed to provide students with a more hands-on approach in the classroom. In this program, Teacher Cadets will be presenting extra lesson plans, student will also be expected to attend field trips, update electronic portfolio, will be involved in the development and application of content, classroom observations, and factual teaching in a variety of educational settings at multiple levels – preschool, elementary, middle school and high school. **This course meets the Michigan Merit Curriculum requirements as Applied Arts Credit.**

CTE TEACHER CADET 3 GRADE 12 **1 credit**
Course Prerequisites: Teacher Cadet 2
Teacher Cadet 3 is an innovative year-long activity based curriculum for high school seniors. The course is designed to provide students with a more hands-on approach in the classroom. In this program, Teacher Cadets will be presenting extra lesson plans, student will also be expected to attend field trips, update electronic portfolio, will be involved in the development and application of content, classroom observations, and factual teaching in a variety of educational settings at multiple levels – preschool, elementary, middle school and high school. **This course meets the Michigan Merit Curriculum requirements as Applied Arts Credit.**

HOSPITALITY AND FOODS - Menominee High School

CTE INTRO TO CULINARY ARTS GRADE 9,10,11,12 **½ credit**
Food is one of man's basic needs. Yet, students often overlook its impact on their lives. This course is designed to emphasize all facets of food preparation. The students will learn the "what's and why's" of food production; in other words, not only what to do, but why it is important to the food production process. Emphasis will also be on team management and cooperative skills necessary in life. Students will gain ample experiences that will benefit them at home and in the future. Practical food labs will be an integral part of the course. Students will be graded on labs, projects, classroom work, tests and individual projects. This course meets the Michigan Merit Curriculum requirements as Applied Arts credit.

CTE/HOSPITALITY AND FOOD SERVICE 1 Grades 11-12 **2½ credits**
This full year vocational class will cover the skills necessary for hospitality and food service careers (travel and tourism, lodging operations and food production), the focus being on beginning skills in table service, baker's assistant, short-order cook's helper, salad and dessert preparation. The student will operate the school-based restaurant. Banquet, catering and cake decorating experiences are available. Evaluation will be on individual's work and class participation. Students are required to wear hair coverings. **This course meets the Michigan Merit Curriculum requirements for a Math-related credit and for Applied Arts Credit.**

CTE/HOSPITALITY AND FOOD SERVICE 2 Grade 12 **2½ credits**
Prerequisite: Hospitality and Food Service 1.
An advanced, full year vocational class featuring the management area of food service and beginning skills in the travel/tourism industry and lodging operations. Group project work incorporated into the class will include catering luncheons, menu preparation,

restaurant-quantity food production, and experience in six culinary job titles. Students will also have the opportunity to examine hospitality and personal careers. Evaluation will be on the student's own progress in class and class-related projects. A job shadow unpaid work experience is required. The students are required to wear hair coverings when in food production. Students are eligible for 2 co-op credits with concurrent enrollment in this class if they have a related job. **This course meets the Michigan Merit Curriculum requirements for a Math-related credit and for Applied Arts Credit.**

HEALTH SCIENCE - Menominee High School

INTRO TO HEALTH OCCUPATIONS GRADE 10-12 **1 credit**
This course is designed for an introduction to the various careers in Health Care – Nursing, Diagnostic Imaging, Dental, and Veterinary careers.

CTE/HEALTH OCCUPATIONS 1 Grades 11-12 **2 ½ credits**

This course is designed to assist high school students in making a career decision in a medical, health care, or the human service field. Students will be exposed to the hundreds of health care related fields of study. Students will also be introduced to general health related information that is beneficial for everyone to know. This includes Medical Terminology, Body Systems, Disease Prevention and Treatments. Specialized skills such as vital signs, first-aid and cardiopulmonary resuscitation will be learned.

Employability skills will be stressed throughout the program as well as growth in leadership opportunities through the student organization Health Occupation Students of America (HOSA). During second semester, students will explore career options through clinical non-paid work-based learning and job shadowing in areas such as dental, pharmacy, diagnostic imaging, physical therapy, animal care and mortuary science, medical and nursing fields.

The Health Occupations Nursing Assistant Training Program is incorporated throughout the entire Health Occupations 1 course preparing the student to complete the training in Health Occupations 2. **This course meets the Michigan Merit Curriculum requirements for a Math-related credit, for Applied Arts Credit, and for a Science requirement (with a personal curriculum).**

CTE/HEALTH OCCUPATIONS 2 Grade 12 **2 ½ credits**
Prerequisite: Health Occupations 1
The second year of Health Occupations expands the student's skills and knowledge in health care procedures and applications. This is accomplished through classroom, clinical internships and Independent Study in the specific area of interest within the community health care setting. Continued development of Employability skills will be stressed, as well as, growth in leadership opportunities through the Health Occupations Students of America (HOSA). Medical Terminology, First Aid and CPR are reviewed and stress management strategies are introduced to prepare students for health care employment. Students will have the opportunity to complete training for Certified Nursing Assistant during Health Occupations 2. **This course meets the**

Michigan Merit Curriculum requirements for a Math-related credit, for Applied Arts Credit, and/or for a Science graduation credit (with a personal curriculum).
Certified Nursing Assistant Training

- The Health Occupations Nursing assistant Training Program prepares the students to provide quality care to residents in long-term care. Students must successfully complete Health Occupations 1 to be eligible for the training program.
- 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.
- 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.

HUMAN SERVICES - Menominee High School

CTE INTRO TO COSMETOLOGY 1 GRADE 10-12 **2½ credits**
This course covers three years of comprehensive and involved instruction. The curriculum is set up in accordance with the Michigan State Board of Cosmetology and covers all areas of Cosmetology, theory and practical (skills) training. Upon completion of this course of instruction the student is eligible to continue their education at PM School of Cosmetology Arts and Science where they will receive the last of their 420 hours of instruction. The student will be eligible to take the State Cosmetology examinations for licensing. Once the student is licensed, they will be able to work in an established salon in the State of Michigan. This program requires 1080 hours of training. **This course meets the Michigan Merit Curriculum requirements as Applied Arts credit.**

CTE INTRO TO COSMETOLOGY 2 GRADE 11-12 **2½ credits**
This course covers three years of comprehensive and involved instruction. The curriculum is set up in accordance with the Michigan State Board of Cosmetology and covers all areas of Cosmetology, theory and practical (skills) training. Upon completion of this course of instruction the student is eligible to continue their education at PM School of Cosmetology Arts and Science where they will receive the last of their 420 hours of instruction. The student will be eligible to take the State Cosmetology examinations for licensing. Once the student is licensed, they will be able to work in an established salon in the State of Michigan. This program requires 1080 hours of training. **This course meets the Michigan Merit Curriculum requirements as Applied Arts credit.**

CTE INTRO TO COSMETOLOGY 3 GRADE 12 **2½ credits**
This course covers three years of comprehensive and involved instruction. The curriculum is set up in accordance with the Michigan State Board of Cosmetology and covers all areas of Cosmetology, theory and practical (skills) training. Upon completion of this course of instruction the student is eligible to continue their education at PM School of Cosmetology Arts and Science where they will receive the last of their 420 hours of instruction. The student will be eligible to take the State Cosmetology examinations for licensing. Once the student is licensed,

they will be able to work in an established salon in the State of Michigan. This program requires 1080 hours of training. **This course meets the Michigan Merit Curriculum requirements for a Senior Math-related credit and for Applied Arts Credit.**

BUSINESS & TECHNOLOGY - Menominee High School

All courses offered are part of the Career and Technical Education's Business, Management, and Administration program.

CTE COMPUTER APPLICATION GRADE 9 - 12 **½ credit**

This class uses the basic skills and knowledge in using a computer to create, save, and edit a simple document, a spreadsheet, and a graphic; create folders for managing files; to open, close, and resize windows. Microsoft Word, we will learn how to create and edit documents such as letters and reports. Use features such as page numbering, headers, and footers, spell check, footnotes and endnotes, and character, line, and page formatting Microsoft Excel, we will learn how to create simple worksheets using numbers, dates, text formulas, desktop features, formatting, charting, printing, and file handling. Techniques include copying, moving, relative and absolute cell references, using functions in formulas, file linking, multiple windows, and range naming. Microsoft PowerPoint, we will create, edit, and modify presentations; navigate among different views; import text and graphics; customize presentations; applying templates and animation; printing in a variety of formats; and delivering presentations. Microsoft Access, we will build tables, forms, queries, and reports using a variety of tools. These courses meet the Michigan Merit Curriculum requirements for a Senior Math-related credit and for an Applied Arts credit.

CTE PRINCIPLES OF BUSINESS CREDIT: GRADE 9 - 12 **½ credit**

12 Principles of Business is a semester course that introduces students to the role of business in the lives of individuals, consumers, workers, and citizens. Coverage includes: * BUSINESS OPERATIONS - SMALL BUSINESS MANAGEMENT - BUSINESS FUNDAMENTALS - CAREER PLANNING - SOCIAL RESPONSIBILITY AND ETHIC - FINANCIAL OPERATIONS - RISK MANAGEMENT - CONSUMER DECISION-MAKING - INSURANCE - STOCKS AND BONDS - MONEY MANAGEMENT AND BANKING * Textbook, World Wide Web, Virtual Business Simulation, quizzes, tests, and class projects will be used to reinforce and evaluate the student. Understanding and managing personal finances are key to one's future financial success. This course is based on Michigan's Personal Finance Competencies and presents essential knowledge and skills to make informed decisions about real world financial issues. Students will learn how choices influence occupational options and future earning potential. Students will also learn to apply decision-making skills to evaluate career choices and set personal goals. The course content is designed to help the learner make wise spending, saving, and credit decisions and to make effective use of income to achieve personal financial success. This course will also utilize the Money Smart Modules as well as the online platform EverFi. Both are engaging, online resources that incorporate video, animations, and interactive activities to bring complex financial concepts to life. This course includes units on: * FINANCIAL RESPONSIBILITY/DECISION MAKING - CAREERS AND INCOME - MONEY MANAGEMENT - SAVING AND INVESTING - CREDIT, DEBT, CONSUMER SKILLS - BANKING - EMPLOYMENT - BUDGETING - CONSUMER SKILLS - SMART SHOPPING - WAYS TO PAY -

INVESTING IN YOU - GROWING A BUSINESS - FINANCIAL FUTURE - BUILD YOUR BLUEPRINT

INTRO TO ACCOUNTING GRADE 9 - 12 **1 credit**

This course is designed to provide an insight into the world of accounting and to give the student a basic understanding of accounting practices, procedures and skills. The student will master the complete accounting cycle in its simplest form and apply this knowledge to the preparation and interpretation of the various types of journals, ledgers, and financial reports required from the beginning to the end of an accounting period. Calculator skills and computerized accounting will be used.

CTE ACCOUNTING GRADE 10-12 **2½ credits**

This course is designed to provide an insight into the world of accounting as a career choice and to give the student a basic understanding of accounting practices, procedures, and skills that can be adapted for personal use. The student will master the complete accounting cycle in its simplest form and apply this knowledge to the preparation and interpretation of the various types of journals, ledgers, and financial reports required from beginning to end of an accounting period. Special emphasis is placed on the use of special journals, payroll depreciation, interest and note computation, as well as the preparation of more detailed end-of-the-year work for a corporation. Automated accounting and a variety of simulations will be used in this course. This course meets the Michigan Merit Curriculum requirements as Senior Math-related credit.

CTE ADVANCED ACCOUNTING GRADE 10-12 **2½ credits**

Prerequisite: Introduction to Accounting This course will start with a review of the entire accounting cycle using a departmentalized business. It will continue with a more detailed instruction of accounting principles. Emphasis will be on accounting control systems (vouchers, inventory), general accounting adjustments (uncollectable, depreciation), corporation accounting (stocks, bonds), management accounting (budgets, financial statement analysis) and cost accounting. A variety of simulations and advanced computerized accounting procedures will be used. These courses meet the Michigan Merit Curriculum requirements for a Senior Math-related credit and for an Applied Arts credit.

CTE COLLEGE ACCOUNTING GRADE 11-12 **2½ credits**

Prerequisite: Advanced Accounting This course presents the analytic skills necessary to make decisions based on financial information. It continues the development of the accounting principles and their application to different forms of business organizations. Simulations, advanced automated accounting, QUICKBOOKS and EXCEL will be used. Upon completion, students will be well prepared to succeed in accounting classes at the college level. These courses meet the Michigan Merit Curriculum requirements for a Senior Math-related credit and for an Applied Arts credit.

CTE BUSINESS ADMINISTRATION: GRADE 10-12 **2½ credits**

These courses have Articulation Agreements with Bay College in Escanaba, NWTC in Marinette & Green Bay, and NMU in Marquette. This course will prepare students to be efficient and effective office employees through application of software (Microsoft Office Professional 2016 - Word, Excel,
Access, Power Point, and Desktop Publishing) and office procedures (records management, travel arrangements, supervision, ethics, work-flow design, human relations, and telecommunications) & MICROSOFT OFFICE SPECIALIST (MOS) CERTIFICATION PROGRAM. These courses meet the Michigan Merit Curriculum requirements for a Senior Math-related credit and for an Applied Arts credit.

CTE BUSINESS ADMINISTRATION 2 GRADE 11,12 **2½ credits**
This course will prepare students to be efficient and effective office employees through beginning and advanced application of software (Microsoft Office Professional 2013 - Word, Excel, Access, PowerPoint and Integration) and office procedures (records management, human relations, desktop concepts, calculating, composition of business correspondence and business ethics) & MICROSOFT OFFICE SPECIALIST (MOS) CERTIFICATION PROGRAM.

CTE BUSINESS ADMINISTRATION 3 GRADE 12 **2½ credits**
The Office Assistant course prepares students for entry-level office positions. Skills are developed in Microsoft Office Professional 2007 - Word, machine transcription, telephone, records management, machine calculation, and keyboarding. The office assistant prepares and keeps records and operates equipment. In addition, the office assistant collects, distributes, and accounts for money, materials, and messages. Business skills in math, spelling, grammar, and communications (reading, listening, speaking and writing) will be developed & MICROSOFT OFFICE SPECIALIST (MOS) CERTIFICATION PROGRAM

BUSINESS & TECHNOLOGY - Stephenson High School

All courses offered are part of the Career and Technical Education's Business, Management, and Administration program.

CTE/INFO I Grades 8 -12 **1 credit**

This one-year course encompasses preparation for life skills, pre-career fundamentals and occupational training in business services and technology. The course integrates employability skills with specific training in a variety of work-oriented tasks for job placement and further education. Students will develop keyboarding skills and improve current keyboarding techniques. Students use Microsoft Office and TypingWeb.com along with various web-based programs. Students will also learn basic Word Processing skills while learning how to properly key and format memos, letters, reports and tables. Additional projects and assignments will be given incorporating these skills as well. Students will also use the 21Things4Students website to learn about various programs and technology related skills and content.

CTE/INFO II (Prerequisite: Info I II – or teacher approval) Grades 10-12 **1 credit**

Info II - Students will learn to be proficient in Microsoft Word, Excel, PowerPoint, and Access. Students receiving a grade of B or better can earn up to 4 college credits for this class. Successful completion or Info I or instructor permission is required to take this course.

CTE/PERSONAL FINANCE Grade 12 **1 credit**

This one-semester course encompasses preparation for life skills, pre-career fundamentals and occupational training in business services and technology. Personal Finance focuses on the student's role as citizen, student, family member, consumer, and active participant in the business world.

Students in this course learn about their various financial responsibilities. Students discover new ways to maximize their earning potential, develop strategies for managing their resources (bank accounts, debit and credit and tax preparation), explore skills for the wise use of credit, and gain insight into different ways of investing money. Students also learn about life-skills including loans, insurance and housing options. *May be counted as senior math.*

CTE/BUSINESS EDUCATION Grades 9-12 **1/2 credit**

Business Education - Students will learn the basic principles of business including: ethics, entrepreneurship, the role of management, marketing, and human resources. Students receiving a grade of B or better will earn 3 college credits for this class.

CTE/MARKETING Grades 9-12 **1/2 credit**

Marketing - Students will learn the basic marketing principles including: market research, consumer behavior, pricing, and promotional decisions for strategy planning. Students receiving a grade of B or better will earn 3 college credits for this class.

Building Trades - North Central High School

Building Trades Grades: 10-12 **2½ credits**

The Building Trades program provides students with hands-on experience in residential and commercial construction while developing the skills necessary for success in Michigan's growing construction industry. Students gain knowledge of construction safety, use of hand and power tools, blueprint reading, site preparation, framing, roofing, siding, drywall, electrical, plumbing, and finishing work. Emphasis is placed on creating an industry-standard work environment where teamwork, problem-solving, and professionalism are expected daily. Students will have the opportunity to work on real-world projects. Safety training and adherence to OSHA standards are a critical component of the program. Upon completion, students will be prepared for entry-level employment, apprenticeships, or further education in fields such as carpentry, electrical, plumbing, masonry, HVAC, or construction management. The program also offers

opportunities to earn industry-recognized certifications, including OSHA-10, First Aid/CPR, and other construction-related credentials. **This Course meets the Michigan Merit Curriculum requirements for a Math-related credit if taken in the senior year and for an Applied Arts credit. STUDENTS ARE REQUIRED BY LAW TO PURCHASE AND WEAR A PAIR OF SAFETY GLASSES.**

HOSPITALITY AND FOODS - North Central High School

CTE HOSPITALITY AND FOODS 1 GRADE 11-12 **2½ credits**

This full year vocational class will cover the skills necessary for hospitality and food service careers (travel and tourism, lodging operations and food production), the focus being on beginning skills in table service, baker's assistant, short-order cook's helper, and salad and dessert preparation. The student will operate the school-based restaurant. Banquet, catering and cake decorating experiences are available. Evaluation will be the individual's work and class participation. Students are required to wear hair coverings. The students presently enrolled can qualify for an additional 2 co-op credits if they have a related job. **This course meets the Michigan Merit Curriculum requirements for a Senior Math-related credit and for Applied Arts Credit.**

AGRICULTURE SCIENCE - Carney-Nadeau School

Botany Grades 9-12 **1 credit**

Botany class includes the study of structures, functions, and relationships of plants. Students construct explanations and arguments to classify plants into major plant taxa and determine their relationships, adaptations, and change over time. Students investigate and analyze data to explain how plants interact with and depend upon their environment for survival. The final semester also includes the benefits of plants in landscape design, principals of design, agribusiness skills and careers. Students will also engage in leadership and skill development related to the agriscience industry which can be further developed through involvement in the Carney-NAdeau Chapter of Nation FFA Organization. All students are encouraged to have a supervised agricultural experience project that will often continue through the summer.

Food Nutrition and Home / Farm Maintenance Grades 9-12 **1 credit**

Semester 1: Emphasis is on kitchen and food safety, food prep, individual nutrition needs for health promotion and disease prevention, food source of nutrients, current nutritional issues and diet analysis for both humans and animals. Also includes U.S. and International food systems, food security, sustainable agriculture and food safety careers. Semester II: This covers fundamentals of maintenance and repair of home/farm facilities. The course introduces basic tool ID, tool safety, home and ag shop safety, residential electrical wiring (safety, permits, and installation), introduction to small engines (parts, functions, tools, and safety), chainsaw safety and maintenance, and home/farm seasonal/winterizing preparations and more. This course is not offered every year.

STEPHENSON SUCCEEDS

This is a K-12 career based education that aligns with the Michigan Career Pathways. Students will learn about a variety of careers and prepare for the career pathway they choose. Time will be set aside each week to learn about careers.

ONLINE LEARNING EXPERIENCE

For a pupil to meet this Michigan merit curriculum requirement, the pupil shall meet either of the following, as determined by the school district:

(i) Has successfully completed at least 1 course or learning experience that is presented online.

(ii) The pupil's school district or public school academy has integrated an online experience throughout the high school curriculum by ensuring that each teacher of each course that provides the required credits of the Michigan merit curriculum has integrated an online experience into the course.

Stephenson Area Public Schools has integrated online experiences into all required MMC courses. Students utilize online content using their school-issued Chromebooks and teachers utilize Google Classroom in their course instruction.

Students may also select online courses from the **Michigan Edgenuity Course Catalog** with teacher support from a certified mentor teacher.

English Language Arts
- English Language Arts 6
- English Language Arts 7
- English Language Arts 8
- English Language Arts 9 H EX
- English Language Arts 10 H EX
- English Language Arts 11 H EX
- English Language Arts 12 H EX
- Literacy & Comprehension I
- Literacy & Comprehension II
- Expository Reading and Writing EX
- Introduction to Communications and Speech
- Classic Novels & Author Studies**

Mathematics
- Mathematics 6
- Mathematics 7
- Mathematics 8
- Pre-Algebra EX
- Algebra I H EX
- Geometry H EX
- Algebra II H EX
- Precalculus H EX
- Mathematics I H EX
- Mathematics II H EX
- Mathematics III H EX
- Trigonometry* H EX
- Mathematics for Data and Financial Literacy H EX only
- Mathematical Models with Applications
- Financial Math
- Statistics
- Concepts in Probability and Statistics

Science
- Inegrated Science 6
- Integrated Science 7
- Integrated Science 8
- Grade 6 Physical Science
- Grade 7 Life Science
- Grade 8 Earth Systems Science

Biology H EX
Chemistry H EX
Earth and Space Science
Physical Science
Physics
Environmental Science

Social Studies
World Geography (Grade 6)
World History and Geography (Grade 7)
Integrated U.S. History (Grade 8)
World History and Geography H EX
U.S. History and Geography H EX
Human Geography H EX
Government/Civics*
Economics*
Modern World History

World Languages

MIDDLE SCHOOL
Spanish 1
Spanish 2
French 1
French 2
Chinese 1
Chinese 2
German 1
German 2
Latin 1
Latin 2

HIGH SCHOOL
Spanish I EX
Spanish II EX
Spanish III
French I EX
French II EX
French III
Chinese I
Chinese II
German I
German II
Latin I
Latin II
Biology
Calculus AB
Computer Science Principles
English Language & Composition
English Literature & Composition
Environmental Science
Human Geography
Psychology
Statistics
U.S. Government & Politics*
U.S. History
World History: Modern

National Test Preparation

ACCUPLACER®
ACT WorkKeys®
ACT®
ASVAB® (Math, Verbal, Science)
GED®
HiSET®
PSAT®
SAT®

General Electives

MIDDLE SCHOOL
Digital Literacy*
Health Quest*
Keyboarding and Applications*
Middle School Computer Science
Online Learning and Digital Citizenship*

HIGH SCHOOL
Art History I
Computer Applications – Office 2019/Office 365
Contemporary Health*
Ethnic Studies* EX
Foundations of Personal Wellness
Healthy Living (semester)*
Healthy Living (full-year)
Introduction to Art
Introduction to Computer Science
Lifetime Fitness (semester)*
Lifetime Fitness (full-year)
Personal Finance*
Strategies for Academic Success*
Social Emotional Learning

Exceptional Students Courses

These courses, designed for high school students who are three or more grade levels behind, are priced separately by enrollment. Each course includes approximately 25 lessons but may be a full year of content for students with significant cognitive challenges.

Career and Technical Education
CTE Electives can be added to concurrent or site licenses for an additional cost.
Career Readiness
- Career Explorations I*
- Career Explorations II*
- Career Explorations III*
- Career Explorations
- Career Management*
- Career Planning and Development

Career Clusters

AGRICULTURE, FOOD, & NATURAL RESOURCES
- Agribusiness Systems*
- Animal Systems*
- Food Products and Processing Systems*
- Introduction to Agriculture, Food, & Natural Resources*
- Plant Systems*
- Power, Structural, and Technical Systems*

ARCHITECHTURE & CONSTRUCTION
- Construction Careers*
- Introduction to Careers in Architecture & Construction*

ARTS, A/V TECHNOLOGY, & COMMUNICATIONS
- Fundamentals of Digital Media*
- Intro to Careers in Arts, A/V Tech, and Communications

BUSINESS MANAGEMENT & ADMINISTRATION
- Business Computer Information Systems
- Business English
- Business Information Management
- Business Law*
- Introduction to Business
- Keyboarding and Applications*
- Small Business Entrepreneurship
- Technology and Business

EDUCATION & TRAINING
- Introduction to Careers in Education & Training*
- Introduction to Human Growth and Development*
- Teaching and Training Careers*

FINANCE
- Banking Services Careers*
- Introduction to Careers in Finance*
- Government & Public Administration
- Introduction to Careers in Government & Public Administration*

HEALTH SCIENCE
- Careers in Allied Health*
- Health, Safety and Ethics in the Health Environment*
- Health Science Concepts
- Introduction to Careers in the Health Sciences*
- Introduction to Health Science
- Medical Terminology
- Nursing: Unlimited Possibilities & Unlimited Potential*
- Nursing Assistant
- Pharmacy Assistant

ENGLISH LANGUAGE ARTS
- Basic Reading and Writing I*
- Basic Reading and Writing II*
- Basic Reading and Writing III*
- Basic Reading and Writing IV*

MATHEMATICS
- Basic Math I* and II*
- Algebra Essentials I* and II*
- Geometry Essentials I* and II*
- Statistics and Probability Essentials*

SCIENCE
Life Science Essentials I* and II*
Earth Science Essentials I* and II*
Physical Science Essentials I* and II*

SOCIAL STUDIES
U.S. History Essentials I* and II*
World History Essentials I* and II*
Civics and Government Essentials*
Economics Essentials*
Personal Finance Essentials*

HEALTH SCIENCE
Physicians, Pharmacists, Dentists, Veterinarians and Other Doctors*
Public Health: Discovering the Big Picture in Health Care*
Therapeutics: The Art of Restoring and Maintaining Wellness*

HOSPITALITY & TOURISM
Food Safety and Sanitation*
Marketing and Sales for Tourism and Hospitality*
Planning Meetings and Special Events*
Sustainable Service Management for Hospitality & Tourism*
Transportation and Tours for the Traveler*

HUMAN SERVICES
Family and Community Services*
Introduction to Consumer Services*
Introduction to Human Services*
Personal Care Services*

INFORMATION TECHNOLOGY
Computer Science Principles
Fundamentals of Computer Systems*
Fundamentals of Programming & Software Development*
Introduction to Computer Science
Introduction to Information Technology
Introduction to Information Technology Support & Services*
Introduction to Network Systems*
Network System Design*
New Applications: Web Development in the 21st Century*
Software Development Tools*

LAW, PUBLIC SAFETY, CORRECTIONS, & SECURITY
Corrections: Policies and Procedures*
Fire & Emergency Services*
Forensics: Using Science to Solve a Mystery*
Introduction to Law, Public Safety, Corrections, & Security*
Law Enforcement Field Services*
Legal Services*
Security and Protective Services*

MARKETING
Careers in Marketing Research*

SCIENCE, TECHNOLOGY, ENGINEERING, & MATHEMATICS (STEM)
Engineering and Design*
Engineering and Product Development*
Introduction to STEM*
Science and Mathematics in the Real World*
Scientific Discovery and Development*
Scientific Research*
STEM and Problem Solving*

TRANSPORTATION, DISTRIBUTION & LOGISTICS
Careers in Logistics Planning and Management Services*
Introduction to Careers in Transportation, Distribution, & Logistics*

MIDDLE SCHOOL ELECTIVES
Middle School 2D Studio Art 1A*
Middle School 2D Studio Art 1B*
Middle School Coding 1A*
Middle School Coding 1B*
Middle School Digital Art & Design 1A*
Middle School Digital Art & Design 1B*
Middle School Exploring Music 1A*
Middle School Exploring Music 1B*

Middle School Game Design 1A*
Middle School Game Design 1B*
Middle School Journalism 1A*
Middle School Journalism 1B*
Middle School Photography 1A*
Middle School Photography 1B*
Middle School Robotics 1A*
Middle School Robotics 1B*
Middle School Tech Apps: Grade 6*
Middle School Tech Apps: Grade 7*
Middle School Tech Apps: Grade 8*

HIGH SCHOOL ELECTIVES
American Sign Language 1A*
American Sign Language 1B*
American Sign Language 2A*
American Sign Language 2B*
American Sign Language 3A*
American Sign Language 3B*
Anthropology 1*
Anthropology 2*
Archaeology*
Black History in America 1A*
Black History in America 1B*
Creative Writing: Unleashing the Core of Your Imagination*
Gothic Literature*
History of the Holocaust*
Lord of the Rings: An Exploration of the Films and Their Literary Influences*
Mythology & Folklore*
Personal Psychology 1*
Personal Psychology 2*
Philosophy*
Social Problems 1*
Social Problems 2*
Sociology 1*
Sociology 2*
Theater, Cinema, Film Production 1A*
Theater, Cinema, Film Production 1B*
Women's Studies*
World Religions*

AGRICULTURE, FOOD, & NATURAL RESOURCES
Agriscience 1*
Agriscience 2A*
Agriscience 2B*
Biotechnology 1A*
Biotechnology 1B*
Forestry & Natural Resources*
Principles of Agriculture, Food, and Natural Resources*
Veterinary Science*

ARTS, AUDIO/VIDEO TECHNOLOGY, & COMMUNICATIONS
3D Modeling 1A*
3D Modeling 1B*
Animation 1A*
Animation 1B*
Digital Photography 1A*
Digital Photography 1B*
Digital Photography 2*
Journalism 1A*
Journalism 1B*
Music Appreciation*
Public Speaking 1A*
Public Speaking 1B*
Social Media*

BUSINESS MANAGEMENT & ADMINISTRATION
Accounting 1A*
Business Information Management 1A*
Business Information Management 1B*
Business Law 1A*
Business Law 1B*
Human Resource Management 1A*
Human Resource Management 1B*
International Business*
Legal Admin Specialist 1A*
Legal Admin Specialist 1B*
Management 1A*
Management 1B*
Medical Office Administration 1A*
Medical Office Administration 1B*
Office Administration 1A*
Office Administration 1B*
Principles of Business, Marketing, and Finance 1A*
Principles of Business, Marketing,

and Finance 1B*

EDUCATION & TRAINING
Child Development 1A*
Child Development 1B*
Early Childhood Education 1A*
Early Childhood Education 1B*
Real World Parenting*

ENERGY
Renewable Technologies 1A*
Renewable Technologies 1B*

HEALTH
Allied Health Assistant 1A*
Allied Health Assistant 1B*
Anatomy and Physiology 1A*
Anatomy and Physiology 1B*
Biotechnician 1A*
Biotechnician 1B*
Biotechnician 2A*
Biotechnician 2B*
Dental Assistant 1A*
Dental Assistant 1B*
Dental Assistant 2A*
Dental Assistant 2B*
EKG Technician 1A*
EKG Technician 1B*
Emergency Medical Responder 1A*
Emergency Medical Responder 1B*
Medical Assistant 1A*
Medical Assistant 1B*
Medical Diagnostic Technology 1B*
Medical Lab Assisting 1A*
Medical Lab Assisting 1B*
Medical Lab Assisting 2A*
Medical Lab Assisting 2B*
Sports Medicine 1A*
Sports Medicine 1B*
Sports Medicine 2A*
Sports Medicine 2B*

HOSPITALITY & TOURISM
Culinary Arts 1A*
Culinary Arts 1B*
Culinary Arts 2*
Hospitality & Tourism 1*
Hospitality & Tourism 2A*
Hospitality & Tourism 2B*
Hotel Management 1A*
Hotel Management 1B*
Restaurant Management*

HUMAN SERVICES
Cosmetology 1*
Cosmetology 2*
Cosmetology 3A*
Cosmetology 3B*
Fashion Design*
Interior Design*
Nutrition & Wellness*
Peer Counseling*

INFORMATION TECHNOLOGY
Advanced Networking 1A*
Advanced Networking 1B*
Computer Maintenance 1A*
Computer Maintenance 1B*
Cybersecurity 1A*
Cybersecurity 1B*
Digital Media Web Design 2A*
Digital Media Web Design 2B*
Foundations of Game Design 1A*
Foundations of Game Design 1B*
Game Design 2A*
Game Design 2B*
Game Design for Chromebooks 1A*
Game Design for Chromebooks 1B*
Network Security Fundamentals 1A*
Network Security Fundamentals 1B*
Operational Cybersecurity 1A*
Operational Cybersecurity 1B*
Principles of Information Technology 1A*
Principles of Information Technology 1B*
Web Development 2A*
Web Development 2B*

LAW, PUBLIC SAFETY,
CORRECTIONS, & SECURITY
Criminal Justice Elective IA*
Criminal Justice Elective IB*
Criminology*
Military Careers*

Law & Order*
National Security*
Principles of Public Service*

MANUFACTURING
Manufacturing 1A*
Manufacturing 1B*

MARKETING
Advertising and Sales Promotion*
Digital Marketing 1A*
Marketing 2A*
Marketing 2B*
Marketing Foundations 1A*
Marketing Foundations 1B*
Professional Sales and Promotion 1A*
Professional Sales and Promotion 1B*
Sports & Entertainment Marketing 1A*
Sports & Entertainment Marketing 1B*

SCIENCE, TECHNOLOGY, ENGINEERING, & MATHEMATICS
Applied Engineering 1A*
Applied Engineering 1B*
Astronomy 1A*
Astronomy 1B*
Concepts of Engineering & Technology*
Forensics 1A: Introduction*
Forensics 1B: The Science of Crime*
Forensics Science 1*
Forensics Science 2*
Great Minds in Science*
Marine Science 1A*
Marine Science 1B*
Robotics 1A*
Robotics 1B*
Robotics 2A*
Robotics 2B*

Adaptive PE*
Advanced PE 1 & 2
Anatomy*
Comprehensive PE*
Concepts in Fitness*
Credit Recovery PE 1 & 2
Drugs & Alcohol*
Exercise Science*
Family & Consumer Sciences*
Family Living & Healthy Relationships*
First Aid & Safety*
Fitness Fundamentals 1 & 2
Flexibility Training*
Group Sports*
Health & Personal Wellness*
Health Careers*
HOPE 1 & 2
Individual Sports*
Intro to Coaching*
Life Skills*
Middle School Fitness Basics 1 & 2
Middle School Intro to Group Sports 1 & 2
Middle School Health*
Middle School Intro to Individual Sports 1 & 2
Middle School Life Skills*
Personal Health and Fitness*
Personal Training*
Personal Training Concepts*
Physiology*
Running*
Sports Officiating*
Strength Training*
Walking Fitness*

Michigan Career Pathways

Arts and Communications

Personal characteristics for this pathway:
- demonstrate good writing skills
- entertain through singing or acting, or movie
- seek opportunities for self-expression
- can do oral reports or speeches well

Careers related to:
- communications
- visual, literary and media arts
- performing arts

Business, Management, Marketing, and Technology

Personal characteristics for this pathway:
- demonstrate good skills in math
- enjoy being the leader
- can easily use computer programs
- enjoy helping others plan events for school, & community

Careers related to:
- accounting
- business administration
- finance
- information processing
- marketing

Engineering/Manufacturing and Industrial Technology

Personal characteristics for this pathway:
- enjoy activities that involve using tools, machinery
- use mechanical equipment with little help from others
- familiar with geometry, algebra and some physics
- like to keep working on difficult solutions to problems
- want to see immediate results from the work performed

Careers related to technologies necessary to design, develop, install or maintain physical manufacturing systems:
- engineering and related areas
- mechanics & repairers
- manufacturing technology
- electronics
- construction trades and related industries

Health Sciences

Personal characteristics for this pathway:
- interested in health issues
- demonstrate ease when working with people
- interested in learning how the body works
- care about the well-being of people and animals

Careers related to the promotion of health as well as the treatment of injuries, conditions and disease:
- dentistry
- medicine
- nursing
- therapy and/or rehabilitation
- diet and nutrition
- physical fitness

Human Services

Personal characteristics for this pathway:
- demonstrate skill writing and speaking in front of my class, or other groups
- interested in helping people solve their problems
- like to help people learn new skills
- can do several things at the same time
- prefer working with people

Careers related to:
- child and family services, counseling
- education
- hospitality, food service, tourism
- law enforcement and legal education

Natural Resources and Agriscience

Personal characteristics for this pathway:
- demonstrate interest in the care of our environment
- enjoy working with animals &/or outdoors
- can work outside in various weather conditions (e.g., very cold or very hot)

Careers related to:
- natural resources
- agriculture & agriscience
- environmental conditions