STEPHENSON HIGH SCHOOL

2020 - 2021

COURSE BOOKLET

Fall 2019

Course Catalog 2019 – 2020

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 math credit:

- Personal Finance ..... 1 Credit
- Pre-Calc/Trig ..... 1 Credit
- College Math Class ..... 1 Credit

3 Science credits:

- Integrated Science ..... 1 Credit
- Biology ..... 1 Credit
- Chemistry, Earth Science or Physics ..... 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*

- Spanish I ..... 1 Credit
- Spanish II ..... 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?

Beginning 2019 – 2020 school year, 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 principal, 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 the principal, the parent(s), and the teacher. A class may not be dropped unless another is added.

It is the policy of Stephenson High School 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 student services 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.

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 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.

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.

PRE-CALCULUS/TRIGONOMETRY (Prerequisite: Algebra II) **1 credit**

Three main areas are covered providing the student with experience in changing data, graphs and equations into displays, descriptions and interpretations of numerical information. Statistical concepts are integrated with graphical and algebraic concepts. The trigonometry deals with the right triangle, unit circle, angel measures, trig, identities and applications in various fields.

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.

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 MUSIC

HS BAND Grades 8 -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 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: B average in 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.

COURSE OFFERINGS IN FOREIGN LANGUAGE

SPANISH I Grades 8 -12 **1 credit**

Spanish for the first year concentrates on basic grammar and conversational skills. Fluency in the language is stressed, along with skills in reading and writing.

SPANISH II (Prerequisite: Spanish I) Required for Grade 10 students not taking an additional VPAA **1 credit**

Spanish II is an advanced study of the Spanish language and culture. Emphasis is placed on conversational skills and increased fluency, along with continued study of the Spanish speaking culture.

COURSE OFFERINGS IN PHYSICAL EDUCATION/HEALTH

PHYSICAL EDUCATION / HEALTH (1/2 credit each) **1 credit**

Physical Education: One semester. Coverage of activities including team strategies and skill techniques are covered. Grading procedures will remain the same. Also, a positive application of skills and strategy through class participation will be expected.

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. Resources: Guest speakers.

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 BUSINESS & TECHNOLOGY

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

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.

INFO II (Prerequisite: Successful completion Info I) Grades 10-12 **1 credit**

In this one-year course students will use Microsoft Office Programs including Access, Word, Excel, PowerPoint and Publisher. Students will learn to use Microsoft Word to create and edit a word document, include graphics and tables, and to create Web pages. You will learn to use Excel to manage finances, work with formulas, charts and graphics, and develop a professional worksheet. With Microsoft Access, you will create and repair databases, tables, form letters, mailing labels, and reports. You will then learn how to use Microsoft PowerPoint. Topics include printing existing presentations, creating a new presentation with text, clip art, and sound, and building and modifying charts and tables. You will learn to use Microsoft Publisher to edit an existing project and to create your own brochure with text, clip art images, and Design Gallery objects. Finally, you will learn how to enhance Office by using a Capstone Simulation that incorporates all Microsoft Office 2007 applications.

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.*

BUSINESS EDUCATION Grades 9-12 **1 credit**

This one-year course establishes basic foundations for further study in business and marketing courses and provides essential information for making financial and economic decisions. Students learn about the fundamentals of the American free enterprise system and world economies; application of sound money management for personal and family finances; credit management; consumer rights and responsibilities; forms of business ownership; risk and insurance; and the importance of international trade.

The goal of the course is to give students practical skills mainly in the area of personal business activities. Topics which may be covered are fundamentals of our economic system and its relationship to business, labor and government, careers, consumers; living and working with technology; financial institutions and banking services; credit; savings and investments; and parliamentary procedures.

ACCOUNTING (Counts as Senior Math) Grades 11-12 **1 credit**

*This is a self-directed study course open to students in grades 11-12 and is part of the Career and Technical Education's Business, Management, and Administration program.

Students learn how to systematically record the financial operations of a business or of an individual. These records deal with such business operations such as: purchasing and selling goods and services on credit, receiving and paying cash for goods and services, determining profit and losses that result from the operations, determining the financial condition and preparation of financial statements for the business. Students will learn Multi-Column Accounting procedures by completing on-line working papers through Aplia.com. *May be counted as senior math in conjunction with Personal Finance.*

**Course is currently offered only as a directed-study course. It may be offered as a regular course if there is enough student interest.*

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

PEER-TO-PEER MENTORING PROGRAM Grades 10-12 **1 credit**

This course is a hybrid course that consists of learning how to lead as a peer and then working as a peer mentor with an elementary or middle school student who has a learning disability. The high school student will complete weekly lessons in a Google Classroom or Class Moodle and then spend 40 minutes daily as a classroom peer with a younger student. Students will build communication skills and model student engagement as a peer and friend.

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. Students must first enroll in the class Trade and Industry (CTE) Core. After completion, a student may branch out to manufacturing, Automotive Technology, or Directed Study in any of these areas.

ALL COURSES OPEN TO BOTH MALES AND FEMALE STUDENTS. STUDENTS ARE REQUIRED BY LAW TO PURCHASE AND WEAR A PAIR OF SAFETY GLASSES.

CTE/ENGINEERING & Design 1 (Manufacturing/Welding) Grades 11-12 **2 credits**
Prerequisite: Grade 11-12: None

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. Perform basic oxyacetylene welding, shielded metal arc welding, flame cutting, and interpret welding symbols in drawings. 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 Math-related credit and an Applied Arts credit.**

CTE/ENGINEERING & Design 2 (Manufacturing/Welding) Grades 11-12 **2 credits**
Prerequisite: Successful completion of CTE/MANUFACTURING 1.

Advanced processes and projects on the power equipment using 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. **This Course meets the Michigan Merit Curriculum requirements for a math-related credit <u>if taken the senior year</u> (with the use of a Personal Curriculum) and for an Applied Arts credit.**

Designed for High School students, the major focus of class is the engineering design process and its application in the STEM curriculum. The class encourages students to be creative and apply decision--making and problem solving skills to specific design problems, using powerful

computer hardware and software (Inventor) to develop 3-D models. Using a CAD (computer aided design) system, students will explore the design process through creating, analyzing, and producing models.

CTE-AUTOMOTIVE TECHNOLOGY (Brakes & Engines) Grades 11-12 **2 credits**
For 2019-2020 TYPE: Articulated

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.
A.

CTE/AUTOMOTIVE TECHNOLOGY (Electrical Systems) Grades 11-12 **2 credits**
For 2019-2020 TYPE: Articulated

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. Enrollment is open to all students' grades 11-12.

ADVANCED AUTO & ENGINEERING Grade 12 **2 credits**
Prerequisite: Successful completion of 2 years in the same career/tech class. Available in Manufacturing or Automotive Tech. Prior approval of 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.

FAMILY & CONSUMER SCIENCE
HOSPITALITY AND FOOD SERVICE

ALL COURSES OPEN TO BOTH MALES AND FEMALES

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

PARENTING I Grades 11-12 **½ credit**

Parenting and Working with Children are recommended to be taken as a one-year course sequence; however, this is only a recommendation. This course will include the following topics: parenthood as an informed choice; the realities of being a mother or father; understanding the adjustments of a single parent or as step-parent; child abuse issues; and the phases of a child's development including childbirth. Participation in the Baby Think It Over Program occurs over the course of one weekend during the first marking period. Class discussions and subject related movies are a large part of the class. Evaluation will be on class participation, classroom cooperative learning experiences, reports, tests and projects. **This course meets the Michigan Merit Curriculum requirements as Applied Arts credit.**

PARENTING II (WORKING WITH CHILDREN) Grades 11-12 **½ credit**

Have you ever thought about COACHING, TEACHING OR WORKING WITH YOUTH? If so, this class is the one for you! PARENTING II will concentrate on the social-emotional development of children from toddler to school-age. You will understand why children act the way they do; what the child is communicating through behavior; how they feel about their actions; and practical techniques for guiding children. Suggestions for dealing with guidance problems will also be investigated. A major part of the second marking period is spent putting together and implementing lesson plans. Student groups will then teach three lessons to elementary children in our area. Grading will be based on class participation, group projects, teaching experiences, individual work and written evaluation. **This course meets the Michigan Merit Curriculum requirements as Applied Arts credit.**

TEACHER CADET Grades 11-12 **1 credit**
Recommended Course Prerequisites: Parenting, Psychology, or Sociology

Teacher Cadet is an innovative year-long activity based curriculum for high school 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/HOSPITALITY AND FOOD SERVICE 1 Grades 11-12 **2 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 (with a Personal Curriculum) and for Applied Arts Credit.**

CTE/HOSPITALITY AND FOOD SERVICE 2 Grade 12 **2 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.**

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

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.

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.

For the 2019 – 2020 school year, 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 Odysseyware Course Catalog** with teacher support from a certified mentor teacher.

2019 Michigan Odysseyware Course Guide

ENGLISH LANGUAGE ARTS
English I . 9-12
English II . 9-12
English III . 9-12
English IV . 9-12 English IV

MATHEMATICS
Algebra I
Geometry
Algebra II
Consumer Math

HISTORY/SOCIAL SCIENCES
World Civilizations 9-12
Economics 9-12 / Government/Civics 9-12
U.S. History 9-12
Vietnam Era 9-12 *(elective)*

SCIENCE
Earth Science 9-12
Biology 9-12
Chemistry 11-12
Environmental Science 9-12
Integrated Physics and Chemistry 9-12
Physics 11-12

HEALTH
Health Education 9-12
Physical Education 9-12

BUSINESS
9-12 Business Computer Information Systems
9-12 Essentials of Business 9-12 Essentials of Communication (Speech)

FINE ARTS
9-12 Art History
9-12 Digital Arts
9-12 Media Studies
9-12 Music Appreciation
9-12 Music Theory

WORLD LANGUAGES
9-12 French I
9-12 Spanish I
9-12 Spanish II
9-12 Spanish III

MICHIGAN CTE COURSES: online courses that align with career pathways

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

BUSINESS MANAGEMENT & ADMINISTRATION
Business Law
Career Management
Principles of Business and Finance
Small Business Entrepreneurship
Technology and Business

HOSPITALITY & TOURISM
Introduction to Hospitality and Tourism
Food and Beverage Management
Food Safety and Sanitation
Lodging Operations Management
Marketing and Sales for Tourism and Hospitality
Planning Meetings and Special Events
Sustainable Service Management for Hospitality and Tourism
Transportation and Tours for the Traveler

HUMAN SERVICES
Introduction to Human Services
Counseling and Mental Health Services
Early Childhood Development and Services
Family and Community Services
Introduction to Consumer Services
Introduction to Human Growth and Development
Personal Care Services

ARCHITECTURE & CONSTRUCTION
Introduction to Careers in Architecture and Construction
Construction Careers

ARTS, A/V TECHNOLOGY & COMMUNICATIONS
Introduction to Careers in Arts
A/V Technology, and Communications
A/V Technology and Film Careers

EDUCATION & TRAINING
Introduction to Careers in Education and Training
Teaching and Training Careers

GOVERNMENT & PUBLIC ADMINISTRATION
Introduction to Careers in Government and Public Administration
National Security Careers

MANUFACTURING
Introduction to Careers in Manufacturing
Careers in Manufacturing Processes

MARKETING
Introduction to Careers in Marketing
Careers in Marketing Research

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

LAW, PUBLIC SAFETY, CORRECTIONS, AND SECURITY
Introduction to Law, Public Safety, Corrections, and Security
Corrections: Policies and Procedures
Fire and Emergency Services
Law Enforcement Field Services
Legal Services
Security and Protective Services

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

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

HEALTH SCIENCE
Introduction to Careers in the Health Sciences
Careers in Allied Health
Forensics: Using Science to Solve a Mystery
Nursing: Unlimited Possibilities and Unlimited Potential
Physicians, Pharmacists, Dentists, Veterinarians, and Other Doctors
Public Health: Discovering the Big Picture in Health Care
Scientific Discovery and Development
Therapeutics: The Art of Restoring and Maintaining Wellness

FINANCE
Introduction to Careers in Finance
Banking Services Careers
Money Matters A / Money Matters B

Odysseyware CTE (CAREER & TECHNICAL EDUCATION) courses were developed in alignment with the Career Clusters set forth by Advance CTE and prepare students for the workforce and postsecondary education.

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