

2025-2026 SMTEC Course Quick Guide

Arts & Communication

Graphic Communications I & II (CLHS) - VPAA or Math Related, 1 credit, full year.

Certification: Communication Skills for Business Professional Communication

The main areas of focus are prepress functions or graphic design, lithography, and screen-printing. Students will learn the theory behind all the different printing processes, as well as experiencing hands on projects applying the theories.

Digital Media Production I & II (WWT, FHS) III, IV(WWT) – VPAA 1 credit, full year

Certification: Certipoint- Adobe

Prepares the student for employment or entry into a postsecondary education program in the Broadcast/Video Production career field. Topics covered may include but are not limited to: history of mass media, terminology, safety, basic equipment, script writing, and production teams.

Business, Management, Marketing & Technology

Accounting I (CLHS, WWT) & II (WWT) – VPAA or Math Related, 1 credit, full year, grades 10-12

Certification: Microsoft Certification-Excel

These courses help the student develop a means of keeping and interpreting financial records of a business. Students will explore accounting for property, inventory, accounts receivable, notes receivable and notes payable.

Business Management (CLHS) – VPAA or Math Related, 1 credit, full year course, grades 10-12

Certification: Microsoft Certification- Word

This class prepares students to plan, manage, supervise, and market business operations, products and services.

Marketing I (FHS, CLHS, WWT) & II (FHS, WWT)- VPAA or Math Related, 1 credit, full year.

Certification: Microsoft Certification-Power Point OR Communication Skills for Business Professional Communication

You will learn what it takes to get the product from the manufacturer to the person who buys the product, how to sell, human resource essentials such as communication skills and how to get along on the job with other workers.

Sports Entertainment Marketing (FHS)- VPAA, 1 credit full year.

Certification: Communication Skills for Business Professional Communication

You will learn Selling, Promotion, Distribution, and Pricing. Management areas will include Marketing Information, Product and Service and Entrepreneurship and Finance, specifically as it relates to the Sports and Entertainment fields.

Manufacturing & Industrial Technology

Automotive Technology I, II, III, IV (FHS, LHS) - VPAA or Math Related, 1, 2 credit, full year.

Certification: ASE/NATEF Certified program

The course will include instruction on the use of hand tools, fasteners, hoists, jacks, wiring, safety, and shop orientation. Basic automotive service skills including tire service, preventative maintenance, basic electricity, and cooling system service will be included.

CAD/Drafting I & II (LHS) - VPAA or Math Related, 1 credit, full year.

Certification: TBD

This course is designed to introduce students to NX software by Siemens and expand the student's understanding of 3D modeling and assembly.

Manufacturing Technology I & II (LHS) - VPAA or Math Related, 1 credit, full year.

Certification: Titan's of CNC Mill: Level 1 and/or NOCTI Job Ready Assessment for Precision Maching

Students will receive training in all aspects of Manufacturing, metal machine operations and welding.

Welding (CLHS) - VPAA, Grade 11-12, VPAA or Math Related, 1 credit, full year.

Certification: AWS SENSE Level I Entry Welder-MIG

This course is designed to be a readiness training program to provide students with the opportunity to acquire the necessary skills and knowledge to apply for an apprenticeship program upon graduation. The program will include the foundational skills for professional trades as well as hands on experience and site visits to local apprenticeship schools.

Health Sciences

Dental Assistant I, II (LHS) - VPAA, 1 credit, full year

Certification: National Entry Level Dental Assistant (NELDA)

The Dental Assistant program prepares students to provide patient care, processing and mounting dental radiographs (x-rays), prepares patients and equipment for dental procedures, and discharges office administrative functions under the supervision of a dentist.

Emergency Medical Technician (CLHS) - VPAA or Math Related, 1 credit, full year

Certifications: Eligible student may take the State of Michigan, EMT licensing exam

Students enrolled in this program will receive instruction in the fields of pre-hospital and emergency medical training. This program is the study of the human body and the treatment required outside the hospital setting.

Medical Careers & Systems-Anatomy & Physiology (WWT) - VPAA, or Science, 1 credit, full year

The focus of this course is on human Anatomy and Physiology, with an emphasis in health career applications.

Medical Careers & Systems- (FHS) VPAA, Math or Science, 1 credit, full year

The program will provide visual and hands on experience to explore healthcare careers in all five different pathways.

Medical Careers & Systems Exploration into Health (CLHS) – VPAA 1 credit, full year course

Certification: EMR Licensing Exam

During the EMR semester of this course, focus is placed on pre-hospital emergency medicine. Classroom study has both the traditional didactic style lecture with hands on practical learning.

Medical Assistant (WWT) - VPAA or Math Related, 1 credit, full year

Certification: NHA CCMA Medical Assistant Certification

This course prepares the student to support physicians by aiding in an office or clinical setting. Medical clinical and office procedures are taught.

Medical Careers & Systems- Medical Terminology- (WWT) VPAA, 1 credit, full year.

Students will gain an understanding of basic elements, rules of building and analyzing medical words, and medical terms associated with the body as a whole.

Nursing (WWT) - VPAA or Math Related or Science, 1 credit, full year.

Certification: NHA (PCT) Patient Care Technician Exam

The Nursing Assistant course is a comprehensive study of the health care delivery system. This program includes all aspects of patient care from newborn to geriatrics.

Nursing- Certified (WWT) - VPAA or Math Related or Science, 1 credit, full year.

Certification: Certified Nursing Assistant Exam

The Nursing Assistant Course is a comprehensive study of the health care delivery system.

Macomb Community College partners with WWT

to assist these students with their knowledge and externships with an outside nursing home to allow students the opportunity to complete their hours.

and qualify to take the Certified Nursing Assistant Exam.

Pharmacy Technician (FHS) VPAA, Math or Science, 1 credit, full year.

Certification: Qualified students may take the CPhT Exam through PCTB.

Completion of this course is geared toward a student becoming a Certified Pharmacy Technician (CPhT). A pharmacy technician is a person who works under the direct supervision of a licensed pharmacist and performs many pharmacy-related functions.

Physical Therapy Professional/Aide I & II (FHS)- VPAA, Math or Science, 1 credit, full year.

Certification: Certified Physical Therapy Aide (American Allied Health)

This program includes an intense study of the human body and treatments necessary to help patients gain mobility after injury or surgery. or due to physical ailments/diseases.

Human Services

Cosmetology I & II (WWT) - VPAA, 4 credits, 2 yr. commitment

Certification: State of Michigan Cosmetology Exam

Cosmetology is a State certified program that covers 2 years of comprehensive and involved instruction.

Educational Careers Program (CLHS) – VPAA, 2 credits, full year

Certification: MI-YDA Certification 240 hours of Clinicals

In this course, students will receive comprehensive classroom training and additional hands-on training in the district's elementary or middle school classrooms. These students will work with an assigned "Mentor Teacher," participating in the different aspects of teaching.

Firefighting (CLHS) - VPAA, 2 credits, full year

Certification: Firefighter I & II (LARA)

This course introduces students to a broad range of careers in firefighting. Students that are admitted to this course will have extensive classroom and practical experience in such areas as Fire Behavior, Self-Contained Breathing Apparatus, Portable Extinguisher, and much more.

Law Enforcement (CLHS) - VPAA, 1 credit, full year.

Certification: National Law Enforcement Certification (LAPSEN via YouScience Training Council)

This course introduces students to the broad range of careers in police work and law enforcement. A wide range of procedures associated with law enforcement and public safety will be reviewed.

Foods & Hospitality, Personal & Culinary Services I, II, & III (LHS, WWT) & IV (WWT) - VPAA or Math Related, 1 credit, full year.

Certification: Rouxbe and ServSafe

You will learn the management/culinary skills needed for a career in the restaurant and food service industry.

Government & Public Administration

JROTC I, II, III, IV- 1 credit, full year.

VPAA, PE credit after 2nd year (CLHS only)

***Qualified students may earn scholarships for entry into college ROTC programs or increased rank upon completion of military basic training.**

Certification: ASVAB/OSHA 10

The JROTC program prepares high school cadets for responsible leadership roles while making them aware of their rights, responsibilities, and privileges as American citizens.