

Career and Technical Education Michael Berry Career Center 2025-2026 Scheduling Guide

Training the Students of Today
For the Jobs of Tomorrow

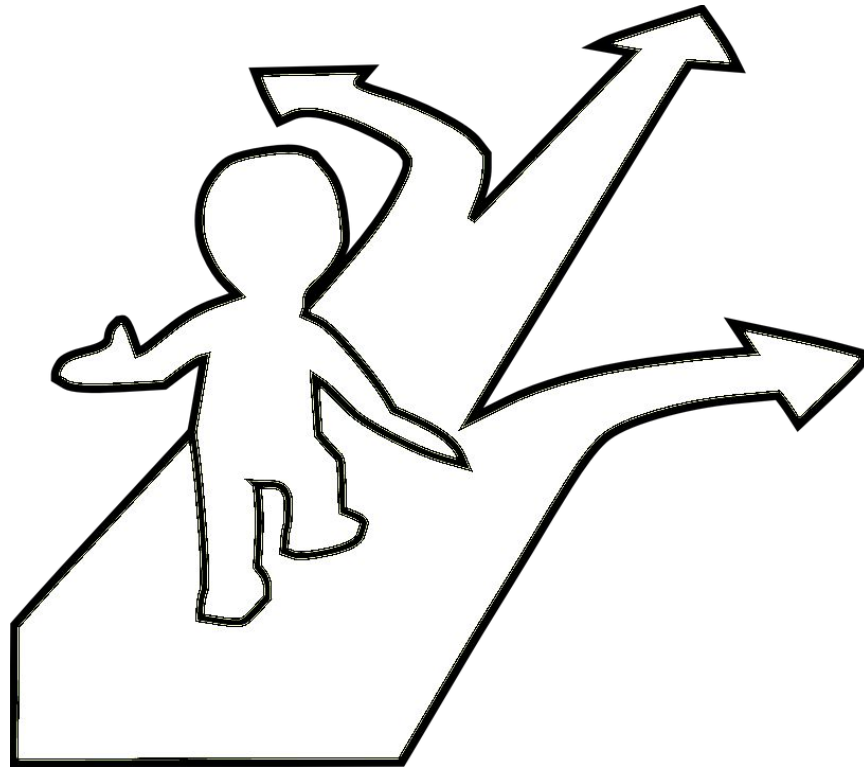


Two Essential Scheduling Questions:

- What class(es) **CAN** I take?
- What class(es) **SHOULD** I take?



**THE ACADEMIES
OF DEARBORN**
MY PURPOSE • MY PATH • MY FUTURE



Michigan Merit Curriculum

1 Credit = 1 Full Year (2 semesters) of course work



(23) Credits required for Graduation including:

- Courses **REQUIRED** for graduation:

- 4 Credits of Language Arts
- 4 Credits of Math (Algebra I, II, Geometry, **Senior Math***)
- 3 Credits of Social Studies (World/US History, Econ, Gov)
- 3 Credits of Science (Biology, Chemistry, **3rd year Science***)
- 2 Credits SAME **World Language***
- 1 Credit of Physical Education (with 0.5 Credit of **Health***)
- 0.5 Credit of **Art*** (includes art, music, industrial arts and MBCC programs)
- 0.5 Credit of **Computer Applications*** (if not passed in Middle School)
- 0.5 Credit of **Personal Finance*** (starting class of 2025?)
- ***Career and Technical Education Programs may replace some or all of these courses**

- High School **ELECTIVE** options:

- High School Elective Classes (Gym, Art, Band, Business, Shop, etc.) - Exploration
- Dual Enrollment (College Classes Taken in High School)
- CoOp (High School Credit for on-the-job learning)
- Career and Technical Education (CTE) Programs (at MBCC except for Auto Tech and Construction Trades)

What is Career and Technical Education (CTE)?

- Multi-course, multi-year programs (full year commitment)
- Provide a rich learning experience in addition to classroom work
 - **RIGOROUS CURRICULUM** created by our industry partners, so you learn what THEY want you to know when you graduate.
 - **HANDS ON SKILLS TRAINING** in industry-standard classroom laboratories.
 - **WORK BASED LEARNING**- Guest speakers, career fairs, job shadows, mock interviews, field trips, internships, paid work and/or volunteer externship and community service experiences.
 - **CAREER AND TECHNICAL STUDENT ORGANIZATIONS** - Clubs aligned to CTE programs that offer leadership, competition and scholarship opportunities (BPA, DECA, FCCLA, HOSA, SkillsUSA).
 - **STUDENT CERTIFICATIONS** to enhance your resume, add to your college scholarship or help get you a job after graduation.
 - **COLLEGE CREDIT** for High School classes (Articulated Credit Agreements)
 - » [Henry Ford College Agreements](#)
 - » [Statewide Agreements](#)

Michael Berry Career Center Programs

- MBCC Elective programs are **FREE** to all Dearborn 10th, 11th and 12th grade students
- **Bus Transportation** is provided (If you drive to your high school, you may drive to MBCC)
- **PICK 3 hours** at MBCC (1-2-3rd or 4-5-6th hours)
 - Two hours of CTE classes
 - One Academic or Elective Class
 - Can **NOT** choose AM or PM session
- All programs are a **year long** commitment (can not drop at Semester)

Michael Berry Career Center Programs

- ALL MBCC Programs count as your “Art” credit!
- Students who complete our 2-year programs qualify for 3rd Science and/or 2nd World Language Credit.
- All second/third year “Advanced” classes are grade on a 5.0 scale
- **NO APPLICATION:** Just pick your three hours on the course selection sheet with your counselor
- **The ONLY requirements to attend MBCC:**
 - On track to graduate on time
 - The maturity and independence to handle the MBCC setting

Current MBCC Programs

- **Academy of Business and Hospitality**
 - [Culinary Arts and Hospitality Careers](#)
 - [Business Academy](#)
- **Academy of Health Sciences**
 - [Allied Health](#)
- **Academy of Human Service**
 - [Pre Education \(Teacher Cadet\)](#)
 - [Criminal Justice and Law Careers](#)
- **Academy of Industry, Technology and Innovation**
 - [Computer Programming \(Coding\)](#)
 - [Cybersecurity \(NEW!\)](#)
 - [Digital Design](#)

Culinary Arts

Career Alignment:

- Restaurant and food service management
 - Executive Chef
 - Restaurant Manager
 - Hotel/Hospitality manager
 - Event Planning
- Hospitality and Tourism Careers



Culinary Arts

Year One: **Hospitality Studies** - TWO HOURS

Students in Hospitality Studies will explore careers in the hospitality and culinary arts while learning to operate a full service restaurant. Students will learn front- and back-of-the-house skills. Students will earn the **ServSafe Safe Food Handler** Certificate and may participate in SkillsUSA to apply their skills in competition against other students.

Year Two: **Adv Hospitality Studies** - TWO or THREE HOURS

Students in Advanced Hospitality Studies apply what they have learned to operate a full service restaurant at MBCC (Ele's Eatery). Students will learn front- and back-of-the-house skills. Students will earn the **ServSafe Manager** Certificate and will participate in the **Prostart** Competition against other students.

Credentials
ServSafe
Prostart



Business Academy

Career Alignment:

- Sales
- Advertising
- Supply Chain Mgmt
- Marketing Supervisor
- Business owner
- Office manager
- Entrepreneurship
- Financial Advisor



Business Academy

Year One: Bus Tech & Mgmt - ONE HOUR

Intro Marketing / Market Management - ONE HOUR

Students in the first year of the Dearborn Business Academy will learn the essentials of setting up marketing/advertising a business. Students will participate in numerous hands-on business simulations to practice these skills. Students will earn their **Microsoft Office Associate** certification (Word, Excel and Powerpoint) as well as a **Certiport Communication Skills for Business** certificate. Student may choose to participate in **DECA** to apply their knowledge and skills various competitions.



Year Two and Three: Adv Bus Tech - Entrepreneurship - ONE HOUR

Adv Marketing -School Store/Social Media - ONE HOUR

Accounting 1,2 Adv Accounting 3, 4 - ONE HOUR

Students in the second and third year of the Dearborn Business Academy will apply their knowledge and skills to operate the MBCC School Store (Berry Mart) as well as create a complete business plan for their own small business. Students will participate in a Financial Reality Fair as well as multiple field trips to local businesses. Students may choose to take Accounting classes as well to complete their schedule and explore the financial, tax and payroll side of business.

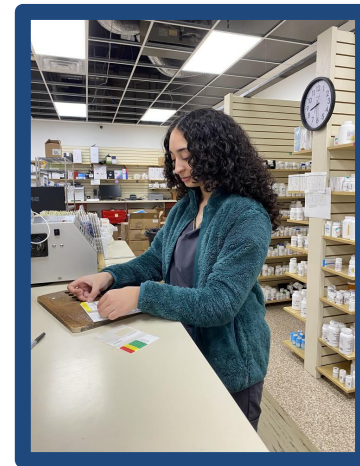
Students may earn additional **Microsoft**, as well as **Intuit Quickbooks** and Certiport **Entrepreneurship and Small Business (ESB)** certifications.



Allied Health

Career Alignment:

- Direct patient care related medical careers
 - MD/DO/OT/PT
 - Nursing professions
 - EMT
 - Medical Assistant
 - Dental Assistant/Hygiene/ Dentist
 - Athletic Trainer, Personal Trainer
 - Physical Therapy
 - Pharm Tech/Pharmacist



Allied Health

Year One: Allied Health - TWO HOURS

Students in Allied Health will explore all health and medical careers. They will learn the basic knowledge and skills common to all of these fields including: medical terminology, medical math, personal protective gear, body systems, and how to take patient vital signs. Students may earn their **CPR/AED** and **First Aid Certificates** and will apply their knowledge and skills in various competitions through **Health Occupations Students of America (HOSA)**.

Years Two (and Optional Three): Adv Allied Health (Clinical, Med Assist, Dental Assist, Pharm Tech, Sports Med) - TWO HOURS

Students in Advanced Allied Health will chose a program and apply their medical knowledge and skills in a specific patient care field. Students may earn various certifications including **Certified Clinical Medical Assistant (CCMA)**, **Certified EKG Technician (CET)**, **Certified Pharmacy Technician (CPhT)**, **Certified Clinical Dental Assistant (CCDA)** and **Certified Personal Trainer**. Student may participate in **Clinical Rotations** at the Hospital and/or **Externships** at a doctors office, clinic or pharmacy.



Criminal Justice

Career Alignment:

- Police Officer
- Firefighter
- Attorney
- Agent
- Trooper
- Corrections officer
- Judge
- Legal Clerk/Secretary



Criminal Justice

Year One: Criminal Justice: Public Safety & Law - TWO HOURS (FALL)

Criminal Justice: Tools & Techniques - TWO HOURS (SPRING)

Students in Criminal Justice will explore careers in Law Enforcement, Corrections and the Courts. They will learn how our justice systems works and apply that knowledge with the practical skills used by law enforcement every day. Students will earn their **CPR/AED/First Aid Certificate** and will apply what they have learned through **SkillsUSA** Competitions.

Year Two: Adv Crim Justice: Laws & Ethics, Adv Criminal Justice (ONE HOUR)

Forensic Science (ONE HOUR)

ER Response Train (ONE HOUR - OPTIONAL)

Students in Advanced Criminal Justice prepare for the **LAPSEN National Law Enforcement Exam**. They will continue their knowledge and skills training in Forensic Science. Students are Encouraged to seek their **CPR Medical First Responder** certification through ER Response Training course (optional).



Pre-Education (Teacher Cadet)

Career Alignment:

- Elementary Teacher
- Secondary Teacher
- Daycare Operator
- Behavior Technician
- Speech pathology
- Paraprofessional
- ELA support careers
- Special Ed support careers



Pre-Education (Teacher Cadet)

Year One: **Pre Education Foundations** - TWO HOURS (FALL)

Pre Education Skills - TWO HOURS (SPRING)

Students in the Pre Education program explore careers in the education field. Students will learn the skills needed to teach students of many ages and abilities. Students will be able to observe various educational professionals in their classroom. Students will earn a **CPR/AED/First Aid** Credential in the first year. Students will have the opportunity to join **Family Career and Community Leaders of America (FCCLA)** to apply the skills in competitions against other schools.

Year Two: **Pre Education Placement** - ONE or TWO HOURS each semester

Students in Pre Education Placement will practice their teaching skills through placement in an actual classroom with a licensed teacher. Student may use this experience as part of the 600 hours needed to earn the **CDA** or **MYDA** certificate.

OTHER: Since teachers in Michigan are required to earn a bachelor's degree, students will be encouraged to take specific dual enrollment courses in their second and third year to get a head start on their four year teacher preparation program.



Digital Design

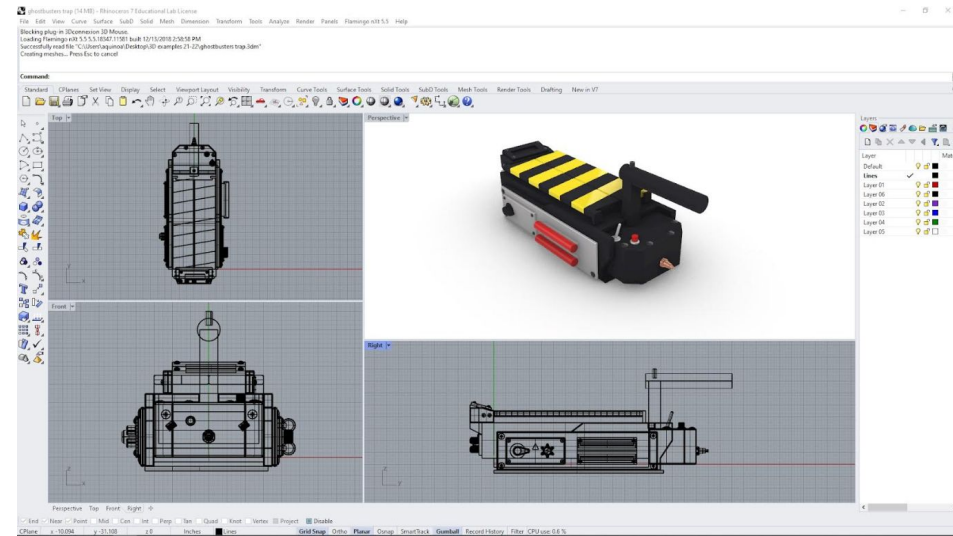
Career Alignment:

Creative

- Graphic Design
- Illustration
- Animation
- Fashion Design
- Interior Design

Technical

- Engineer
- Product Design
- Game Design
- 3D Modeling/Printing
- Web Design



Digital Design



Year One: Digital Design - TWO HOURS.

Students in digital design will learn the **creative** and **technical computer** skills necessary to pursue digital art and product design careers. In the first year, they will learn the design process and elements of digital design, as well as gaining experience using adobe products to create digital artwork. Students will may earn **Adobe Certified Expert (ACE)** certifications and will have the opportunity to apply their skills in various competitions through **Business Professionals of America (BPA)**

Year Two: Adv Digital Certifications - TWO HOURS each semester

Students in the second year will focus on the technical side of design career earning more **ACE**, as well as **Microsoft Office Specialist** and **Certiport IT Fundamentals** certifications. There is some flexibility in this course to allow students to focus on the technical or creative side of the curriculum to best align with their career interests.

Year Three: Adv Digital Portfolio (Optional) - TWO HOURS

Student considering applying to art programs may elect to take a second year of the Advanced curriculum focusing on developing a professional digital portfolio to use in their application .

Computer Programming

Career Alignment:

- Programming (Coding)
- Computer Science
- Computer Engineer
- STEM Careers



Computer Programming



Year One: AP Computer Science Principles - ONE HOUR

Students in this *college level* computer course will explore computer science and information technology careers. They will learn how to use logic and computer coding to solve problems. Students may take the **AP Exam** to earn college credit and will take the **Certiport IT Fundamentals** certification exam. Student may join **Business Professionals of America (BPA)** and compete in various computer science and coding events against other students.

Year Two: AP Computer Science A (Java Programming) - ONE HOUR

Students in the second year will focus on writing computer code in JAVA as they prepare to take the **AP Exam**. Students may also receive a **Certiport JAVA Programming** certification.

Year Three: Cybersecurity (Optional) - ONE HOUR

Student who have completed two years of AP Computer Science, and interested in a career in information assurance may elect to take this course and earn their **Certiport A+ Technician, Network+** and **Security+** Certifications.



Cybersecurity/IT Careers

Career Alignment

- Computer Technician
- System Administrator
- Network Associate
- Web Developer
- Information Assurance
- Security Analyst



Cybersecurity/IT Careers



Year One: **IT Fundamentals** - TWO HOURS

Students in this course will explore various information technology (I.T.) Careers. They will learn about computer hardware and software tools as well as accepted industry practices. Students will earn their **Microsoft Office Specialist, Certiport IT Fundamentals** and **A+** Certifications and have the opportunity to compete in various I.T. competitions through **Business Professionals of America (BPA)**. Students completing this course will be ready for entry level IT Careers including computer technician and Help Desk operator.

Year Two: **Adv Cyber Certifications** - TWO HOURS

Students in the second year will focus on computer networks and the internet. They will earn their **Certiport Network+** certification. This course will prepare student for System and Network administration jobs.

Year Three: **Cybersecurity** - ONE HOUR

Student interested in a career in information assurance and how to protect computers, software and data from attack may elect to take this course and earn their **Certiport Security+** Certifications. These students will be prepared for entry level careers as a cybersecurity analyst.



Upcoming Events (Learn More)

www.berry.dearbornschools.org

March 12, 5:00pm to 6:30pm:

CTE Open House at Michael Berry Career Center

- Tour the facility
- Meet Staff and Current Students
- View Equipment and Projects in Action
- Talk to Local Colleges about post secondary options
- Talk to Local Employers about job opportunities

Contact: John P. Bayerl, PhD

CTE Supervisor, Dearborn Schools

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Dual Enrollment: Be Smart!

Five common Dual Enrollment Classes:

- CIS 100: Intro to Info Tech
- ATMS 131: Weather and Climate
- SOC 131: Intro to Sociology
- WR 131: Intro to World Religions
- AH 100: Medical Terminology