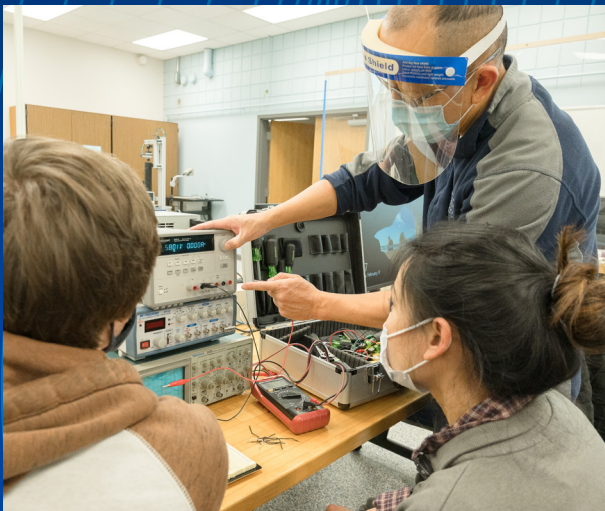


“Honda is excited to partner on the Earn & Learn internship opportunity within the Marion Technical College Smart Manufacturing degree program. This opportunity prepares students for success not only at Honda, but also with other area manufacturers through hands on application of skills and knowledge. Through this program, students will experience the dynamic world of advanced manufacturing as they solve real world automation challenges and build their professional network.”

— SCOT MCLEMORE, MANAGER
WORKFORCE PARTNERSHIPS,
AMERICAN HONDA MOTOR
COMPANY.



**HAVE QUESTIONS ABOUT
THE PROGRAM? CONTACT:**

Elizabeth Azhikannikal
Director of Engineering Technologies
740-386-4155
azhikannikale@mtc.edu

Or scan the QR code
for more information



**EARN & LEARN:
SMART
MANUFACTURING
TECHNOLOGY (SMT)**

CONNECT WITH US.

CALL: 740-389-4636
WEB: mtc.edu
VISIT: 1467 Mt. Vernon Ave
Marion, OH 43302

Our mission is to provide the region's most accessible, supportive, and personal pathway to career success.
Marion Technical College provides equal opportunities regardless of race, color, national origin, sex, disability, age, military status, or sexual orientation.



Grant #2000177

Marion
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Looking for a degree in Advanced Manufacturing? Learn key skills in Instrumentation & Controls Engineering & Information Technology!

CREDENTIALS AVAILABLE:

- Associate of Applied Science (AAS) degree in Smart Manufacturing Technology (Earn & Learn) mtc.edu/course/smt-degree/
- Smart Manufacturing Technology Certificate mtc.edu/course/smt-certificate/
- Additional Certifications: Smart Automation Certification Alliance (SACA), OSHA-10, FANUC.



STRUCTURE OF 5-TERM EARN & LEARN PROGRAM:

Term 1 & 2: Fall and Spring

- Full time classes with front-loaded technical coursework.
- Smart Manufacturing Technology Certificate completed.

Term 3: Summer

- General education and career readiness courses to finalize paid work placement with industry partners.

Term 4 & 5: Fall and Spring

- 2-Days per week of technical coursework.
- 3-Days per week work/on the job training.

SMT EARN & LEARN QUICK COURSE OVERVIEW

Term 1 (Fall)

GET1000	Intro to Engineering
EET1000	Intro to Electricity
EET2010	Intro to Programmable Controllers
TMT1110	Applied Technical Math
CIT1100	Intro to Programming Concepts w/ Python
OIS1240	Computer Applications
FYE1000	Academic & Career Success

Term 2 (Spring)

EET2510	Automated Process Control
EET1500	Circuit Analysis I
SMT1200	Instrumentation & Control
EET2060	Advanced Programmable Controllers
ENG1000	English Composition
MET1500	Mechanical Drives

Term 3 (Summer)

COM1400	Oral Communication
SOC2020	Ethnic & Cultural Diversity
EXP2800	Career Readiness
SOC1200	Sociology OR PSY110 Intro to Psychology

Term 4 (Fall) Courses & Work Placement

EET1550	Circuit Analysis II
SMT1100	Cyber Security & Networking in Manufacturing
EET1301	Robot Handling Tool Operations & Programming
MTH1245	College Algebra

Term 5 (Spring) Courses & Work Placement

PHY1110	Applied Physics
GET2300	Engineering Statistics
SMT2000	IrVision Operation & Programming – 2D
TEC000	Technical Elective

Choose Ohio First

Choose Ohio First (COF) scholarships for engineering majors are designed to strengthen Ohio's competitiveness within STEM disciplines and STEM education.

Eligible students must be:

- An Ohio resident.
- A first-time engineering certificate and/or degree-seeking student.

• Enrolled on a full-time or part-time basis. A minimum of \$1500 and a maximum of \$5000 available per academic year towards a degree program and a minimum of \$500 available per academic year towards a certificate program.

This scholarship can be held with other scholarships/ financial aid packages. For more information about COF scholarships for engineering majors, please visit:

mtc.edu/choose-ohio-first-cof-scholarship-for-engineering-majors/

