



# EARN WHILE YOU LEARN

## RAMP - AMT Apprenticeship

### Associate of Technical Studies - Applied Engineering

Owens Community College proudly serves as the exclusive educational partner for the Manufacturing Technician Apprenticeship. This two-year apprenticeship blends classroom and lab-based instruction with **on-the-job training**. Partnering companies employ Manufacturing Technician Apprentices to work under the mentorship of an assigned company mentor. Partnering companies pay at least **50% of each apprentice's tuition and fees** at Owens, and **employ** apprentices for a minimum of 24 hours per week at a minimum wage of \$15 per hour.

Advanced Manufacturing Technician Apprentices will learn to set up, test, and adjust manufacturing machinery or equipment, using any combination of electrical, electronic, mechanical, hydraulic, pneumatic, or computer technologies.

#### CAREER OPPORTUNITIES

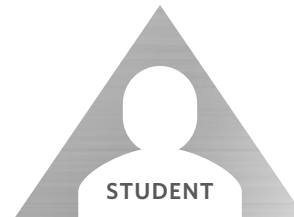
Apprentices gain a foundation and working knowledge of robotics, PLC's, fluid/power, pneumatics, machining, and electrical skills. This mix of multi-skilled education and on-the-job training provides a strong pathway for many career opportunities upon completion.

#### Industry-Recognized Credentials Earned

- Associate of Technical Studies - Applied Engineering
- FANUC Robotics
- OSHA-30 Hour

#### RAMP COMPANY PARTNERS

Cooper Tire | GSW Manufacturing | Ball Metal  
Simona PMC | Rowmark | Hitachi Astemo Findlay, Inc.  
Molten | ZF | DS Brown | Kalmbach Feeds  
Freudenberg - NOK | Graham Packaging



#### LOCATION

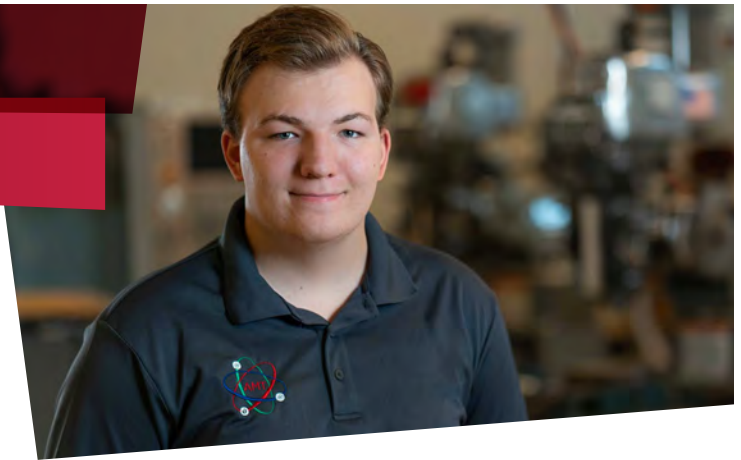
Findlay-area Campus

#### SALARY

Graduates have the **potential to earn as much as \$60,000** with excellent benefits.



# PROGRAM CURRICULUM



## RAMP - AMT Apprenticeship Associate of Technical Studies - Applied Engineering

SEMESTER 1	FALL, YEAR 1	14 CREDITS
STM 101	Safety Practice	1
MTH 143	Applied Industrial Mathematics	3
CAM 160	Machining I	2
EET 100	Fundamental DC Analysis	3
SKT 143	Drafting/Blueprint Reading: 3D	3
WLD 191	Intro to the Welding Process	2

SEMESTER 2	SPRING, YEAR 1	12 CREDITS
STM 102	5S Methodologies	1
CAM 161	Machining II	2
ENG 111	Composition I	3
IST 100	Fundamentals of Computing	1
SKT 151	Fluid Power: Hydraulics	3
WLD 262	GMAW	2

SEMESTER 3	SUMMER, YEAR 1	12 CREDITS
STM 103	Lean Methodologies	1
EET 165	Automation Control: PLC I	2
ENV 110	OSHA General Safety	3
SKT 174	AC Principles	3
PSY 111	Industrial/Organizational Psych	3

SEMESTER 4	FALL, YEAR 2	13 CREDITS
STM 104	Problem Finding	1
CAM 122	CNC Mill Applications	2
EET 166	Automation Control: PLC II	2
SKT 181	Motor Control Systems: I	2
SKT 184	National Electric Code	3
SKT 131	Electrical Prints	3

SEMESTER 5	SPRING, YEAR 2	14 CREDITS
STM 106	Capstone	1
SKT 153	Fluid Power: Pneumatics Logic	3
PHY 143	Applied Industrial Physics	3
SKT 182	Motor Control Systems: II	2
SPE 210	Small Group Communication	3
MET 150	Intro to Robotics	2

### ADMISSION STEPS

- 1. Complete the RAMP - AMT Apprenticeship Application**  
Visit [raisethebarhancock.org](http://raisethebarhancock.org) to apply
- 2. Secure your apprenticeship through one of the sponsoring companies**  
The complete list of sponsoring companies, including contact information, can be found on the Raise the Bar web site
- 3. Complete the Owens admissions application**  
Visit [owens.edu/admissions](http://owens.edu/admissions)  
When selecting a program of study choose:  
*Associate of Technical Studies*

