



Advanced Manufacturing & Engineering Technologies

PROGRAM DESCRIPTION

Advanced Manufacturing and Engineering Technologies Degree Program

Advanced Manufacturing is growing at a rapid pace. According to Deloitte, in the next decade an anticipated 3.5 million manufacturing jobs will likely be needed. Prepares students for the advanced, high-tech manufacturing careers that await them, Hocking College's Advanced Manufacturing Program has the solution!

Students will engage in the fundamentals of manufacturing and design. The program will be centered around robotics and automation and emulate real-world advanced manufacturing processes.

In addition to earning an Associate of Applied Science degree, students have the opportunity to earn stackable industry credentials in the areas of: Industrial Robotics (FANUC), Programmable Logic Controllers/PLCs (Allen-Bradley) and Fluid Power (Parker Hannifin).

Hocking College has established partnerships with industry employers. These partnerships will help the program stay ahead of industry trends, and give students a possible career path upon graduation.

ALL-INCLUSIVE PRICING

Hocking College offers all-inclusive pricing and works with students to assure they have complete college funding, including financial aid, before they start classes. All-inclusive pricing includes the following:

PER SEMESTER

\$300.....Learning Fee

\$20.....Health Center Services

\$75.....Career Center Services

Not Included in the All-Inclusive Pricing

\$53.....Parking

Pricing for housing and meal plans can be found at hocking.edu/residence-halls.



DEGREE TRACK

2024/2025 Academic Year

AUTUMN 1				
SCHEDULE	COURSE	COURSE NAME	CREDIT HOURS	COURS FEES
8 Weeks (1)	AMD-1107	Computer Aided Design	3.00	\$395
8 Weeks (1)	ROB-1010	Introduction to Industrial Robotics	3.00	\$829
8 Weeks (2)	AMD-1101	Mechanical Design	5.00	\$400
8 Weeks (2)	ENGL-1510	English Composition I	4.00	\$50
16 Weeks	GS-1010	Pathways to Prosperity	1.00	\$50
SEMESTER TOTAL			16.00	
IN-STATE TUITION & FEES				\$4,435
OUT-OF-STATE TUITION & FEES				\$6,750
SPRING 1				
SCHEDULE	COURSE	COURSE NAME	CREDIT HOURS	COURS FEES
8 Weeks (1)	EE-1126	Electricity	3.00	\$987
8 Weeks (1)	MICS-1141	Introduction to Word & Excel	1.00	\$70
8 Weeks (1)	ROB-1020	Robotics Programming	3.00	\$829
8 Weeks (2)	AMD-2202	Advanced Mechanical Design	4.00	\$400
8 Weeks (2)	MATH-1113	College Algebra	4.00	\$150
SEMESTER TOTAL			15.00	
IN-STATE TUITION & FEES				\$5,146
OUT-OF-STATE TUITION & FEES				\$7,461
AUTUMN 2				
SCHEDULE	COURSE	COURSE NAME	CREDIT HOURS	COURS FEES
8 Weeks (1)	EE-1140	Programmable Logic Controllers (PLC)	3.00	987
8 Weeks (1)	ENVS-1101	Environmental Science	3.00	150
8 Weeks (1)	BUS-2103	Lean Black Belt	3.00	\$400
8 Weeks (2)	BUS-1100	Introduction to Entrepreneurship	3.00	\$80
8 Weeks (2)	COMM-1130	Speech	3.00	\$50
8 Weeks (2)	EGR-2010	Introduction to Pneumatic & Hydraulic Systems	3.00	\$817
SEMESTER TOTAL			18.00	
IN-STATE TUITION & FEES				\$5,194
OUT-OF-STATE TUITION & FEES				\$7,509
SPRING 2				
SCHEDULE	COURSE	COURSE NAME	CREDIT HOURS	COURS FEES
8 Weeks (1)	ROB-2020	Advanced Robotics Applications	3.00	\$829
8 Weeks (1)	ROB-2650	Advanced Manufacturing Capstone (SL)	5.00	\$829
8 Weeks (2)	GS-2010	Pathways to Prosperity II	1.00	\$50
8 Weeks (2)	ROB-2600	Advanced Manufacturing Practicum	2.00	\$829
8 Weeks (2)	SUPR-2235	Supervision & Leadership	3.00	\$55
SEMESTER TOTAL			14.00	
IN-STATE TUITION & FEES				\$5,302
OUT-OF-STATE TUITION & FEES				\$7,617
TOTAL CREDIT HOURS			63.00	
TOTAL IN-STATE TUITION & FEES				\$20,077.00
TOTAL OUT-OF-STATE TUITION & FEES				\$29,337.00

*All courses and course fees are subject to change. Visit us online to see the most up-to-date curriculum and pricing for this program.

QUESTIONS? CONTACT.

Admissions

Admissions@hocking.edu

(740) 753-7050

www.hocking.edu/advanced-manufacturing