

MULTI-CRAFT TECHNOLOGY, A.A.S.

The **Associate of Applied Science in Multi-Craft Technology** prepares graduates for positions as technicians that install, service, repair, and maintain equipment in today's modern industrial, commercial and/or manufacturing facilities. With this program, students receive extensive hands-on training with our cutting edge equipment in electricity, instrumentation, pipefitting and millwright skills. Courses include preventive maintenance, system design, and troubleshooting concepts that integrate practical application and knowledge of electrical, electronic, hydraulic, and mechanical systems.

Graduates in the Associate of Applied Science in Multi-Craft Technology will also receive a Certificate of Applied Science in Electricity & Instrumentation and Industrial Maintenance. Students must be sure to apply to graduate with all three degrees, not just the one.

Milestone Course

These courses are the keys to graduation and certification. Courses should be taken in the recommended semesters.

Career Planning

- Multi-Craft Technicians
- Electrical and Instrumentation Technicians
- Pipefitters
- Millwrights
- Industrial Maintenance Technicians

Capstone Course

The capstone is a semester long project that must be taken in the graduation semester. A "C" or better must be earned.

Students should average 15 credit hours per semester, or 30 per year, to graduate on time.

Total Degree Credits: 60

Course	Title	Hours
Semester 1		
COLL 101	ORIENTATION TO COLLEGE	1
IM 101	INDUSTRIAL MAINTENANCE 1	3
IM 102	INDUSTRIAL MAINTENANCE 2 ^{1,2}	3
IM 103	INDUSTRIAL MAINTENANCE 3	3
MTEC 102	INTRODUCTORY CRAFT SKILLS	2
Quantitative Reasoning (https://wvup-public.courseleaf.com/programs-study/general-education-mission/#qr) Elective: (MATH 125 is preferred)		3-4
Hours		15-16
Semester 2		
IM 201	INDUSTRIAL MAINTENANCE 4 ^{1,4}	3
IM 202	INDUSTRIAL MAINTENANCE 5	3
IM 203	INDUSTRIAL MAINTENANCE 6 ^{1,5}	3
MTEC 103 or ELEC 101	INTRO TO MAINTENANCE TECH or ELECTRICITY & ELECTRONICS FUND	3
Writing and Rhetoric (https://wvup-public.courseleaf.com/programs-study/general-education-mission/#wr) (ENGL 107 Preferred)		3
Hours		15
Semester 3		
Select one of the following:		3
Aesthetics, Creativity, and Appreciation (https://wvup-public.courseleaf.com/programs-study/general-education-mission/#aca)		
Human Communication and Interaction (https://wvup-public.courseleaf.com/programs-study/general-education-mission/#hci)		
People and Their Worlds (https://wvup-public.courseleaf.com/programs-study/general-education-mission/#ptw)		
Select one of the following:		3
Aesthetics, Creativity, and Appreciation (https://wvup-public.courseleaf.com/programs-study/general-education-mission/#aca)		
Human Communication and Interaction (https://wvup-public.courseleaf.com/programs-study/general-education-mission/#hci)		
People and Their Worlds (https://wvup-public.courseleaf.com/programs-study/general-education-mission/#ptw)		
ELEC 102	ELECTRICAL & INSTRUMENTATION 1	3
ELEC 103	ELECTRICAL & INSTRUMENTATION 2 ^{1,6}	3
ELEC 104	ELECTRICAL & INSTRUMENTATION 3	3
Hours		15
Semester 4		
ELEC 202	ELECTRICAL & INSTRUMENTATION 4 ^{1,7}	3
ELEC 203	ELECTRICAL & INSTRUMENTATION 5	3

ELEC 204	ELECTRICAL & INSTRUMENTATION 6 ^{1,8}	3
MTEC 280	CAPSTONE COURSE (A "C" or higher must be earned.) ⁹	1
Scientific Inquiry (https://wvup-public.courseleaf.com/programs-study/general-education-mission/#si) Elective		4
Free Elective		1
Hours		15
Total Hours		60-61

- ¹ Milestone Course
- ² IM NCCER Level 2
- ³ NCCER Core
- ⁴ IM NCCER Level 3
- ⁵ IM NCCER Level 4
- ⁶ EI NCCER Level 2
- ⁷ EI NCCER Level 3
- ⁸ EI NCCER Level 4
- ⁹ Capstone Course

Degree requires a total of 60 credit hours. [Core Course Credit Hours : 17]

Code	Title	Hours
Core Courses		
COLL 101	ORIENTATION TO COLLEGE ¹	1
	Writing and Rhetoric (https://wvup-public.courseleaf.com/programs-study/general-education-mission/#wr)	3
	Quantitative Reasoning (https://wvup-public.courseleaf.com/programs-study/general-education-mission/#qr)	3
	Scientific Inquiry (https://wvup-public.courseleaf.com/programs-study/general-education-mission/#si)	4
	Select two of the following:	6
	Aesthetics, Creativity, and Appreciation (https://wvup-public.courseleaf.com/programs-study/general-education-mission/#aca)	
	Human Communication and Interaction (https://wvup-public.courseleaf.com/programs-study/general-education-mission/#hci)	
	People and Their Worlds (https://wvup-public.courseleaf.com/programs-study/general-education-mission/#ptw)	
Program Courses		
IM 101	INDUSTRIAL MAINTENANCE 1	3
IM 102	INDUSTRIAL MAINTENANCE 2	3
IM 103	INDUSTRIAL MAINTENANCE 3	3
IM 201	INDUSTRIAL MAINTENANCE 4	3
IM 202	INDUSTRIAL MAINTENANCE 5	3
IM 203	INDUSTRIAL MAINTENANCE 6	3
MTEC 102	INTRODUCTORY CRAFT SKILLS	2
MTEC 103	INTRO TO MAINTENANCE TECH	3
or ELEC 101	ELECTRICITY & ELECTRONICS FUND	
ELEC 102	ELECTRICAL & INSTRUMENTATION 1	3
ELEC 103	ELECTRICAL & INSTRUMENTATION 2	3
ELEC 104	ELECTRICAL & INSTRUMENTATION 3	3
ELEC 202	ELECTRICAL & INSTRUMENTATION 4	3
ELEC 203	ELECTRICAL & INSTRUMENTATION 5	3
ELEC 204	ELECTRICAL & INSTRUMENTATION 6	3
MTEC 280	CAPSTONE COURSE	1
Free Elective		1
Total Hours		60

¹ Institutional Graduation Requirement.