

INDUSTRIAL MAINTENANCE, C.A.S.

The **Certificate of Applied Science in Industrial Maintenance** prepares graduates for jobs in every form of industry where machines are used. Our program provides students with the skills to install, repair and assemble machinery. IM technicians are required any time a piece of machinery or equipment is installed, aligned, repaired, or dismantled. These personnel are also needed to perform preventative and routine scheduled maintenance on this equipment to ensure that it is functioning properly and efficiently. Students studying on a full-time semester may expect to complete this program in one academic year. Students can use the skills learned in this program to advance to our Associate of Applied Science in Multi-Craft Technology (<https://www.wvup.edu/future-students/academics/wtcis/multi-craft-technology/>) degree, to further their career.

Milestone Course

These courses are the keys to graduation and certification. Courses should be taken in the recommended semesters to stay on time for completion.

Career Planning

- Pipefitter
- Millwright
- Industrial Maintenance Technicians

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

Total Degree Credits: 30-31

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
Quantitative Reasoning (https://wvup-public.courseleaf.com/programs-study/general-education-mission/#qr) Elective: (MATH 125 is preferred)		3-4
MTEC 102	INTRODUCTORY CRAFT SKILLS	2
Hours		15-16
Semester 2		
MTEC 103	INTRO TO MAINTENANCE TECH ^{1,4}	3
Writing and Rhetoric (https://wvup-public.courseleaf.com/programs-study/general-education-mission/#wr) Elective: (ENGL 107 is preferred)		3
IM 201	INDUSTRIAL MAINTENANCE 4 ^{1,5}	3
IM 202	INDUSTRIAL MAINTENANCE 5	3
IM 203	INDUSTRIAL MAINTENANCE 6 ^{1,6}	3
Hours		15
Total Hours		30-31

- 1 Milestone Course
- 2 IM NCCER Level 2
- 3 NCCER Core
- 4 IM and EI NCCER Level 1
- 5 IM NCCER Level 3
- 6 IM NCCER Level 4

Degree requires a total of 30 credit hours. [Core Course Credit Hours : 7]

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
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

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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	
Total Hours		30

¹ Institutional Graduation Requirement.