

Industrial Automation Maintenance Apprenticeship



Many manufacturing companies across the country no longer employ segregated trades (electrician, millwright, machinist, etc.) Instead, they are moving to a multi-craft classification that will perform electrical, mechanics, machining, welding, etc.

The Industrial Automation Maintenance program focuses on the maintenance of electrical, mechanical and fluid power equipment. Apprentices in this program will develop their skills in maintenance and trouble-shooting of electrical, pneumatic, mechanical, programmable logic controllers, variable frequency drives and more.

PROGRAM SEQUENCE - *(Full-time attendance)*

First Semester - 1st 8 Weeks Credits

IND120	Industrial Electricity I	3
IND132	Bench Work	2

First Semester - 2nd 8 Weeks Credits

WLD110	Introduction to Applied Welding Tech.	3
IND132	Bench Work	2
IND131	Industrial Pipefitting	3

Second Semester - 1st 8 Weeks Credits

IND223	Motors & Motor Controls	3
IND134	Industrial Fluid Power I	3
PLC200	Programmable Controller II	3

Second Semester - 2nd 8 Weeks Credits

PLC230	Servo and Robots	3
IND232	Machine Repair	3

Total Program Credit Hours 29

For more information on how to start an Apprenticeship Program at your facility please contact:

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Workforce and Apprentice
Program Manager
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419-267-1219

Successful completion of program will result in the following credentials:

- Industrial Automation Maintenance Short-Term Certificate from Northwest State Community College;
- Fanuc Robot Operations Certificate

Students must attain a minimum grade of a “C” in these technical courses in order to progress in program.

