

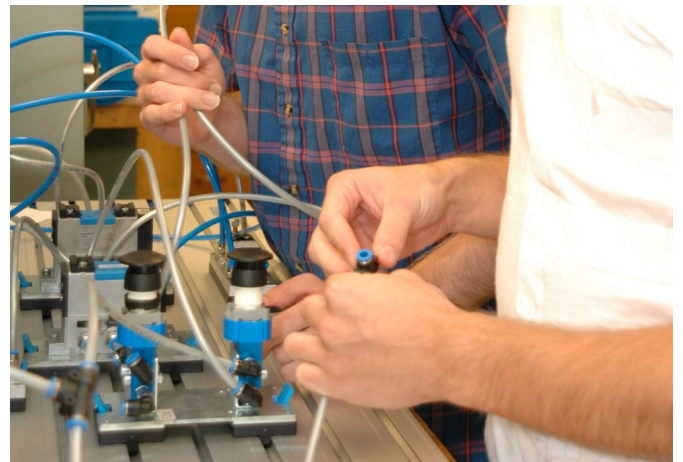
Industrial Maintenance Certificate

The Industrial Maintenance Technician not only troubleshoots and repairs advanced industrial equipment, but is responsible for the layout and installation. This individual will be versed in electrical, hydraulics, pneumatics, pipefitting, welding, machine repair, and installation as well as motor control systems and PLC control systems.



Career Outlook

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. Therefore, positions for general maintenance and industrial maintenance are currently in great demand.



STEM and Industrial Technology Division



Franklin Roberts
Dean

Questions:

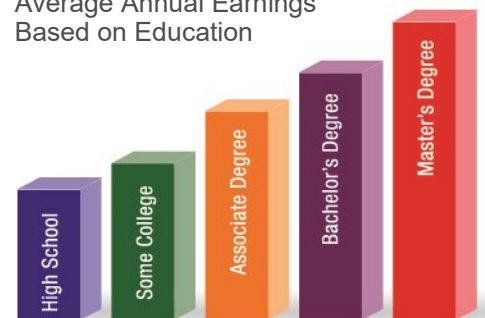
NSCC Admissions Office
(419) 267-1320
admissions@NorthwestState.edu

www.NorthwestState.edu

2020-2021

Education Pays

Average Annual Earnings
Based on Education



Based on data from the Bureau of Labor Statistics

NSCC is accredited by:
The Higher Learning Commission
(312) 263-0456
www.ncahigherlearningcommission.org

PROGRAM SEQUENCE

Year 1, First Semester - 1st 8 weeks		Credits
+IND120	Industrial Electricity 1	3
+IND132	Benchwork	2
		5
Year 1, First Semester - 2nd 8 weeks		Credits
+IND121	Industrial Electricity 2	3
+IND105	Industrial Safety	2
		5
Year 1, Second Semester - 1st 8 weeks		Credits
+PLC200	Programmable Controller 1	3
+IND103	Applied Geometry & Trigonometry	3
		6
Year 1, Second Semester - 2nd 8 weeks		Credits
+IND232	Machine Repair	3
+IND134	Fluid Power 1	3
		6
Year 2, First Semester - 1st 8 weeks		Credits
+WLD110	Introduction to Applied Welding Techniques	3
+IND130	Rigging & Erecting	2
		5
Year 2, First Semester - 2nd 8 weeks		Credits
+IND131	Industrial Pipefitting	3
+IND234	Fluid Power 2	3
		6
Year 2, Second Semester - 1st 8 weeks		Credits
+IND223	Motors & Motor Control	3
		3
Total Program Credit Hours		36

+ Refers to technical coursework. Students must attain a minimum grade of "C" in these technical courses in order to progress in the program and to graduate.

Gainful employment information for NSCC's certificate programs can be found online at:

<https://northweststate.edu/gedt/indust-maintenance/>

Gainful employment information includes: estimated cost of the program, average student loan debt and types of jobs available.