

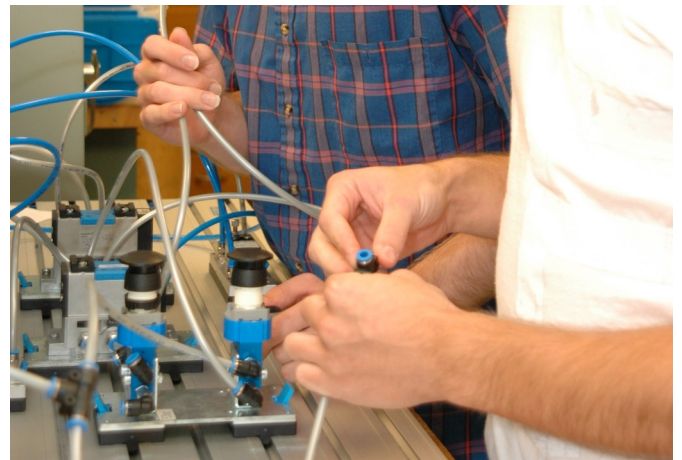
Industrial Automation Short-Term Technical Certificate

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



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:

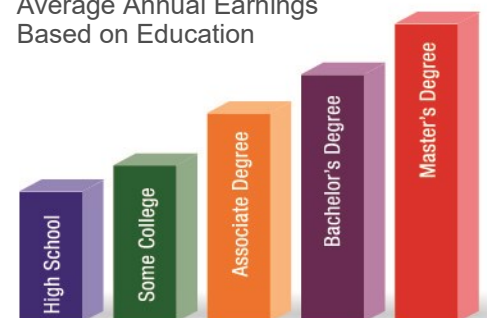
NSCC Admissions Office
(419) 267-1320
admissions@NorthwestState.edu

www.NorthwestState.edu

2019-2020

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

First Semester		Credits
+IND120	Industrial Electricity I	3
+IND121	Industrial Electricity II	3
+WLD110	Introduction to Applied Welding Tech.	3
+IND132	Benchwork	2
+IND131	Industrial Pipefitting	3
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Second Semester		Credits
+IND223	Motors & Controls	3
+IND134	Industrial Fluid Power	3
+PLC200	Programmable Controller I	3
+PLC230	Servo and Robots	3
+IND232	Machine Repair	3
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Total Program Credit Hours **29**

+ 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-automation/>

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