

Automation Short-Term Certificate

The Automation Short-Term Certificate program will give students a strong fundamental background in electrical basics and the usage of programmable logic controllers (PLCs) to control automated industrial processes. Students will get an introduction to FANUC robotics for industrial usage.



Course Delivery

This certificate is offered in a highly flexible model. Students complete one course at a time moving at their own pace. Each course is eligible to be awarded one credit hour at a time. Lectures are delivered online asynchronously. Labs are flexibly scheduled with the instructor and are available days, evenings, and Saturdays.



STEM and Industrial Technology Division



Franklin Roberts
Dean

Questions:

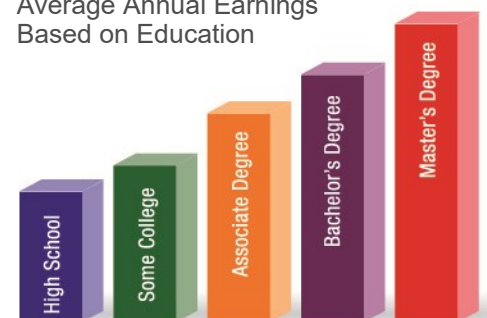
NSCC Admissions Office
(419) 267-1320
admissions@NorthwestState.edu

www.NorthwestState.edu

2023-2024

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

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

<https://northweststate.edu/gedt/automation/>

Gainful employment information includes: estimated cost of the program, average student loan debt

First Semester		Credits
+IND105	Safety	2
+IND120	Industrial Electricity 1	3
+IND121	Industrial Electricity 2	3
		8

Second Semester		Credits
+PLC200	Programmable Controller 1	3
+PLC210	Programmable Controller 2	3
		6

Third Semester		Credits
+PLC220	PLC III	3
+PLC230	Servo/Robotics Systems	3
		6

Total Program Credit Hours **20**

This Short-Term Certificate was funded by a grant awarded by the U.S. Department of Labor's Employment and Training Administration. These classes are either Web or FlexTrak to allow students to change their schedule week to week to work around their personal lives. The classes in this Strengthening Community Colleges Certificate (DOL-SCC) are all eligible to be awarded 1 credit hour at a time.

DOL DISCLAIMER:

This product was funded by a grant awarded by the U.S. Department of Labor's Employment and Training Administration. The product was created by the grantee and does not necessarily reflect the official position of the U.S. Department of Labor. The Department of Labor makes no guarantees, warranties, or assurances of any kind, express or implied, with respect to such information, including any information on linked sites and including, but not limited to, accuracy of the information or its completeness, timeliness, usefulness, adequacy, continued availability, or ownership.



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