

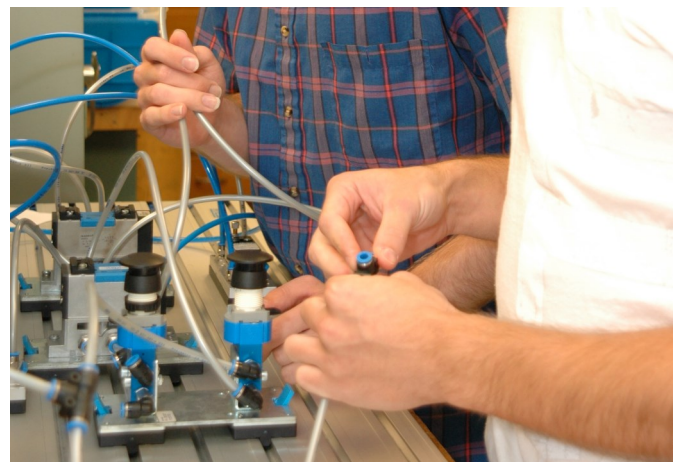
COMPUTER AIDED MANUFACTURING (CAM) SHORT-TERM CERTIFICATE

Computer Aided Manufacturing (CAM) Short-Term Certificate

The CAM certificate provides students with strong foundation in the reading and creating of blue prints for manufacturing. This includes developing a foundation in computer aided design using Solidworks and the programming of Computer Numeric Controlled (CNC) machines for the precision fabrication of parts.

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 1 credit hour and students have a maximum of 6 weeks to complete the course, but can complete sooner. 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:

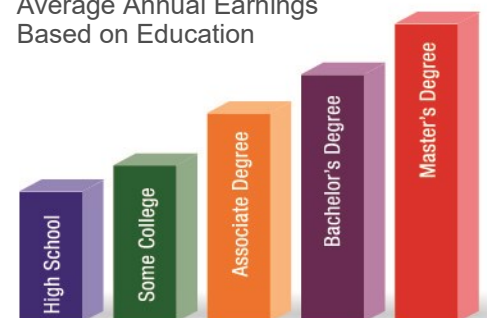
NSCC Admissions Office
(419) 267-1320
admissions@NorthwestState.edu

www.NorthwestState.edu

2021-2022

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

Course		Credits
+INT110	Safety Equipment & Procedures	1
+INT111	Hazardous Materials & First Aid	1
+INT107	Print Reading & Sketching A	1
+INT108	Print Reading & Sketching B	1
+INT109	Print Reading & Sketching C	1
+INT112	Principles of Machining A	1
+INT113	Principles of Machining B	1
+INT114	Principles of Machining C	1
+INT115	Solidworks A	1
+INT116	Solidworks B	1
+INT117	Solidworks C	1
+INT118	Solidworks D	1
+INT121	Programming CNC A	1
+INT122	Programming CNC B	1
+INT123	Programming CNC C	1
+INT124	CAM IA	1
+INT125	CAM IB	1
+INT126	CAM IC	1
+INT127	CAM ID	1
Total Program Credit Hours		19

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