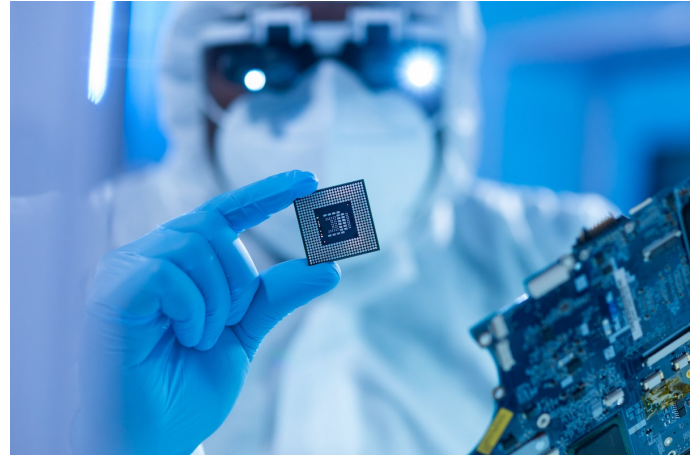


Semiconductor Manufacturing Short-Term Certificate

The Semiconductor Manufacturing Short-Term Certificate will give students an introduction on the basic principles of semiconductors and their manufacturing process. Additionally, students will be introduced to vacuum system usage and maintenance. Some lab work will be done in full bunny suits to give the effect of working in a clean room environment.

Course Delivery

Courses in this certificate are offered in an in-person format with lab work. Lab work will give students experience doing technical handwork and working with a team. Students will build upon their problem-solving and critical thinking skills during time spent in lecture and lab.



STEM and Industrial Technology Division



Franklin Roberts
Dean

Questions:

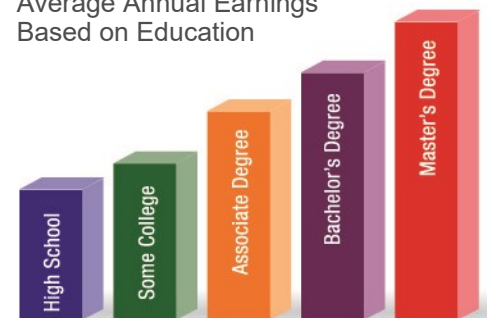
NSCC Admissions Office
(419) 267-1320
admissions@NorthwestState.edu

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

First Semester		Credits
+EET121	DC Circuits	3
+MET124	Semiconductor Manufacturing	3
+MET105	Intro to Vacuum Systems Technology	3

9

Second Semester		Credits
+EET221	Digital Circuits	4
+EET231	Microprocessors	4
+EET128	Introduction to Semiconductors	3

11

Total Program Credit Hours	20
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Not Eligible for Federal Financial Aid