

## Quality Control Certificate

A Manufacturing Quality Certificate prepares the student for a career as a quality specialist (supplier quality engineer, green belt, mechanical inspector, quality technician, auditor and similar roles.)

Twenty-first century manufacturing operations link productivity to quality. Lean manufacturing quality concepts are essential to modern competitiveness. Accordingly, persons seeking greater responsibility should consider the quality curriculum.

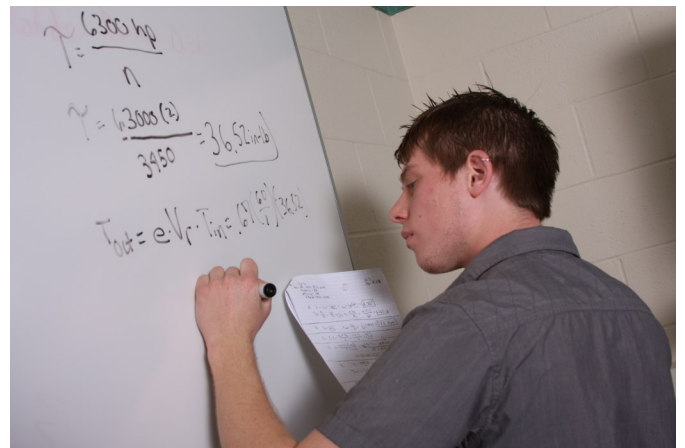
This program of study prepares the student to sit for the American Society for Quality Technician exam. ASQ certifications are widely recognized and favorably impact hiring and compensation decisions.



## Career Outlook

The greatest demand for engineering technicians will be in manufacturing. Companies need improved machinery, up-to-date processes, and lean manufacturing methods to compete on a global basis. Quality skills apply during all phases of the product cycle - from concept to production to distribution and service.

ISO/TS/OHSA certifications are becoming a common prerequisite for doing business worldwide. This course of study imparts the skills needed to comply with many certification system requirements. Skills learned in this course form a solid foundation on which to build if your goal is to become a Quality Assurance Manager, Quality Engineer, or Quality Auditor.



## STEM and Industrial Technology Division



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Dean

### Questions:

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

[www.NorthwestState.edu](http://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](http://www.ncahigherlearningcommission.org)

# PROGRAM SEQUENCE

<b>First Semester</b>		<b>Credits</b>
+MET107	Engineering Graphics & Sketching	3
MTH109	College Algebra	3
+QCT100	Quality Concepts	3
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		9

<b>Second Semester</b>		<b>Credits</b>
+CAD112	CAD II	4
+CAD213	CAD III	4
+QCT131	Quality for Lean Manufacturing	3
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<b>Third Semester</b>		<b>Credits</b>
+QCT243	Advanced Quality Improvement	3
	Communications Elective	3
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<b>Fourth Semester</b>		<b>Credits</b>
+MET121	Manufacturing Processes	3
+QCT142	Advanced Concepts of GD&T	3
+QCT250	Certified Quality Technician/ Certified Mechanical Inspector Review	3
		<hr/>
		9

**Total Program Credit Hours** **34**

\*Prior to taking IND110, students should have basic computer literacy in Windows and at least one Windows application.

+ Students must attain a minimum grade of "C" in all courses with a '+' 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/quality-control/>*

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