

### Program Information

This program is designed to train student in the tools and processes used to ensure the quality of finished goods and products. Graduates of this certificate will have the skills necessary to be employed as a quality assurance inspector in a variety of manufacturing sectors. With completion of this degree students will also obtain 11 Minnesota Transferable Credits meeting three different goal areas.

### Program Learning Outcomes

Students will be able to perform the following tasks in their new career field.

1. Demonstrate document control skills.
2. Competently utilize tools to inspect finished goods of any kind.
3. Ensure quality within the supply chain for consumer safety.
4. Analysis of collected data.
5. Create and maintain inspection documentation.
6. Interact professionally with coworkers.
7. Interpret engineering drawing utilizing Geometric Dimensioning and Tolerancing.
8. Understand basic manufacturing practices.

### Certifications

Upon completion of this certificate, students will be able to competently use tools and processes utilized in industry for the inspection of finished goods. Students continuing to the AAS degree combined with experience in the field will also be able to test for the American Society of Quality (ASQ) Certification for a Quality Inspector.

### Course Prerequisites

ENGL 2105 Business & Technical Writing Prerequisite is ENGL 0102 or 0960 and READ 0900 or 0960 or 78 on Accuplacer Reading or appropriate test score

MATH 1550 Introduction to Statistics Prerequisite is MATH 0900 or 76 on Accuplacer Elementary Algebra or other appropriate test score.

Some courses may require appropriate test score or completion of basic math, basic English and/or reading courses with a “C” or better.

### Graduation Requirements

All Anoka Technical College students seeking an Associate in Applied Science (AAS), diploma, or certificate must meet the cumulative grade point average (GPA) of 2.0 or higher.

### Transfer Opportunities

To see how credits from this program may transfer into other Anoka Technical College programs or into a program at another college, visit:

- [Minnesota Transfer](http://www.mntransfer.org/students/plan/s_agreements.php?numResults=25&archive=false&from_inst=70&from_prog=&to_inst=&Search=Search): (www.mntransfer.org/students/plan/s\_agreements.php?numResults=25&archive=false&from\_inst=70&from\_prog=&to\_inst=&Search=Search)
- [Anoka Technical College transfer student](http://www.anokatech.edu/BecomeStudent/Transfers.aspx) (www.anokatech.edu/BecomeStudent/Transfers.aspx)

### Industry Information

This field is under-represented in higher education and no program has the required skills in statistical analysis. Quality Inspectors are the individuals who assure that the quality of manufactured products meet the requirements of the customer and regulatory bodies. Quality inspectors work in clean, environmentally controlled areas with regulated temperature and humidity to ensure part consistency. This is a mid-level position in the field with large opportunity for advancement and increased wage growth.

### Wages/Outlook/Advancement

Wage information is available from the [Minnesota Department of Employment and Economic Development](https://mn.gov/deed/job-seekers/job-outlook/) (https://mn.gov/deed/job-seekers/job-outlook/).

### Gainful Employment

Follow this link for a [Gainful Employment Report](#).

### Technical Education: 19 Credits

<input type="checkbox"/> ADSC 1171 Microsoft Excel .....	2
<input type="checkbox"/> MACH 1090 Machine Fundamentals .....	2
<input type="checkbox"/> MACH 1121 Metrology .....	2
<input type="checkbox"/> MACH 1132 Blueprint Reading I .....	3
<input type="checkbox"/> MACH 1231 Blueprint Design/ CAD II .....	1
<input type="checkbox"/> MACH 1240 Geometric Dimensioning & Tolerancing .....	3
<input type="checkbox"/> QUAL 1200 Measurement & Test Equipment .....	4
<input type="checkbox"/> QUAL 1210 Quality Concepts & Assurance .....	2

### General Education/MnTC Requirements: 11 Credits

Eleven (11) general education credits of Minnesota Transfer Curriculum (MnTC) are required. MnTC credits must be from three different goal areas. Student is required to take:

<input type="checkbox"/> ENGL 2105 Business & Technical Writing .....	4
<input type="checkbox"/> MATH 1550 Introduction to Statistics .....	4
<input type="checkbox"/> SPCH 1200 Interpersonal Communication .....	3

### Sample Program Sequence

Full Time

	First Semester	Second Semester
<b>1<sup>st</sup> YEAR</b>	ADSC 1171 .....	MACH 1090.....
	ENGL 2105 .....	MACH 1231.....
	MACH 1121.....	MACH 1240.....
	MACH 1132.....	QUAL 1200.....
	MATH 1550 .....	QUAL 1210.....
	<b>TOTAL .....</b>	<b>SPCH 1200.....</b>
		<b>TOTAL .....</b>



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**(continued)**

2019-2020

# Quality Inspector

Certificate

## Start Dates

Fall Semester.....August

## Faculty Contact

[Matt Rogers](#)..... 763-576-4088

For information on how to apply, to schedule a tour, or for service during summer hours, contact Enrollment Services at 763-576-7710 or [EnrollmentServices@anokatech.edu](mailto:EnrollmentServices@anokatech.edu)