

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

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

Industry and Career Outlook

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.

Wage information is available from the [Minnesota Department of Employment and Economic Development](#).

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.

Program Start Dates

Fall Semester.....August

Course Prerequisites

Some courses in this program may require a prerequisite. Please see [course descriptions](#) for more details.

Program Sequence

Fall Semester	15
<input type="checkbox"/> ADSC 1171 Microsoft Excel	2
<input type="checkbox"/> ENGL 2105 Business & Technical Writing (Goal 1&2).....	4
<input type="checkbox"/> MACH 1121 Metrology	2
<input type="checkbox"/> MACH 1132 Blueprint Reading	3
<input type="checkbox"/> MATH 1550 Introduction to Statistics (Goal 4).....	4
Spring Semester	15
<input type="checkbox"/> MACH 1090 Machine Fundamentals	2
<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
<input type="checkbox"/> SPCH 1200 Interpersonal Communication (Goal 1&7).....	3

Graduation Requirements

Students must earn a cumulative 2.0 GPA or higher to be eligible for graduation from this program.

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

Also see: Quality Technician AAS