

MANUFACTURING ENGINEERING TECHNOLOGY - QUALITY INSPECTOR - SHORT-TERM TECHNICAL CERTIFICATE

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For information about admissions, enrollment, transfer, graduation and other general questions, please contact your Advising and Counseling Team (<https://www.lorainccc.edu/admissions-and-enrollment/advising-and-counseling>). (<https://www.lorainccc.edu/admissions-and-enrollment/advising-and-counseling>)

Curriculum Code #6004

(Not offered 2017-2018)

Division of Engineering, Business and Information Technologies (<http://catalog.lorainccc.edu/academic-programs/engineering-business-information-technologies>)

The quality assurance short-term technical certificate is designed to provide students with the knowledge and applied skills necessary for an entry-level employment in a manufacturing related business or industry as a quality inspector, production process control or gauge control technician, or quality corrective action analyst. Lorain County Community College has articulation agreements with colleges and universities including programs offered by LCCC's University Partnership.

| Course | Title | Hours |
|------------------------|--|-------|
| Fall Semester | | |
| MTHM 121 | TECHNICAL MATHEMATICS I | 4 |
| QLTY 111 | QUALITY MEASUREMENTS - METROLOGY ¹ | 3 |
| QLTY 121 | QUALITY ASSURANCE TECHNIQUES (SPC) | 2 |
| SDEV 101 | COLLEGE 101 ² | 1 |
| TECN 111 | TECHNICAL PROBLEM SOLVING | 3 |
| TECN 115 | INDUSTRIAL BLUEPRINT READING | 2 |
| Hours | | 15 |
| Spring Semester | | |
| QLTY 221 | QUALITY MANAGEMENT PRINCIPLES AND PRACTICES ³ | 3 |
| TECN 245 | GEOMETRIC DIMENSIONING AND TOLERANCING ³ | 2 |
| QLTY 234 | LEAN SIX SIGMA FOR PROCESS IMPROVEMENT ³ | 4 |
| QLTY 235 | QUALITY AUDIT & CORRECTIVE ACTION ³ | 2 |
| Hours | | 11 |
| Total Hours | | 26 |

¹ Indicates that this course has a prerequisite or may be taken concurrently.

² A student must register for the orientation course when enrolling for more than six credit hours per semester or any course that would result in an accumulation of 13 or more credit hours.

³ Indicates that this course has a prerequisite.

Program Contact(s):

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