

Process/Manufacturing/ Project Engineer

Path in Detail

SOFT SKILLS

No-Problem Communication | *E-learning - 10 mins.*
Problem Recognition | *E-learning - 10 mins.*
Problem Solving | *E-learning - 10 mins.*
A Guide to Strategic Communication | *E-learning - 10 mins.*
Strategies for Persuasion | *E-learning - 10 mins.*
What to Delegate | *E-learning - 10 mins.*
Team Leadership | *E-learning - 10 mins.*

CORE CURRICULUM

Quality 101/Certified Quality Improvement Associate | *E-Learning - 9 hours*
Certified Quality Technician Certification Preparation | *E-learning - 38 hours*
Certified Quality Engineer Certification Preparation | *E-learning - 10 hours*

ELECTIVES (PICK 3)

Failure Mode and Effects Analysis - Managing Risk | *E-learning - .5 hours*
Root Cause Analysis | *E-learning -.5 hours*
ASQ Quality Tools - Plan-Do-Study-Act Plus Qtools | *E-learning - 8.5 hours*
Lean Essentials | *E-learning - 3 hours*
Introduction to Statistical Concepts | *E-learning - 1 hour*
Team Basics | *E-learning - .5 hour*
Measurement System Analysis | *E-learning - .5 hour*
Inspecting Geometric Tolerances | *F2F - 16 hours*
Lean Specialized Credential | *E-learning - 10 hours*
Design of Experiments | *F2F - 19 hours*

CERTIFICATIONS

Certified Quality Improvement Associate
Certified Quality Technician
Certified Quality Engineer

EXPERIENCE 8 YEARS

SALARY MEDIAN: \$90,000 MEAN: \$95,739

MEMBER VALUE ADDS

Magazines & Journals

Journal for Quality and Participation
Journal of Quality Technology
Quality Engineering
Quality Management Journal
Lean and Six Sigma Review

Best Selling Books

The Certified Quality Engineer Handbook, Fourth Edition
The Quality Toolbox, Second Edition
The ASQ Quality Improvement Pocket Guide
Process Monitoring and Improvement Handbook
F-Notes: Facilitation for Quality
Kaizen Kanban
Practical Engineering, Process, and Reliability Statistics

Standards Resources

WHAT IS ISO 9001:2015 – Quality Management Systems
ISO 9000/QS 9000
ISO 9001
ISO 13485 (medical device)

Communities

Audit Division
Innovation Division
Lean Enterprise Division
Quality Management Division
Six Sigma Forum
Team and Workplace Excellence
Geographic Communities
myASQ

