

# RELIABILITY OR SAFETY ENGINEER

## Path in Detail

### SOFT SKILLS

- Problem Recognition | *E-learning* – 10 min.
- Problem Solving | *E-learning* – 10 min.
- Creative Problem | *E-learning* – 10 min.
- A Guide to Strategic Communication | *E-learning* – 10 min.
- Strategies for Persuasion | *E-learning* – 10 min.
- What to Delegate | *E-learning* – 10 min.
- How to Delegate | *E-learning* – 10 min.
- Team Leadership | *E-learning* – 10 min.
- The Manager Coach | *E-learning* – 10 min
- Leadership with Emotional Intelligence | *E-learning* – 10 min.

### CORE CURRICULUM

- Certified Reliability Engineer Certification Preparation | *Live Virtual* – 10 hrs.

### ELECTIVES (PICK 3)

- Failure Mode and Effects Analysis – Managing Risk | *E-learning* – 0.5 hrs.
- Root Cause Analysis | *E-learning* – 0.5 hrs.
- Team Basics | *E-learning* – 0.5 hrs.
- Measurement System Analysis | *E-learning* – 0.5 hrs.
- Measuring and Managing Customer Satisfaction: ISO 9001:2015 and Beyond | *E-learning* – 9 hrs.
- Introduction to Statistical Concepts | *E-learning* – 1 hrs.
- RM Specialized Credential | *E-learning* – 10 hrs.
- Design of Experiments | *Face-to-Face* – 19 hrs.

### CERTIFICATIONS

- Certified Supplier Quality Associate
- Certified Reliability Engineer

**EXPERIENCE** 5+ YEARS

**SALARY** MEDIAN: \$130,500 MEAN: \$125,331

### MEMBER VALUE ADDS

#### Magazines & Journals

- Quality Progress*
- Journal of Quality Technology*

#### Best Selling Books

- The Certified Reliability Engineer Handbook, Third Edition*
- Process Monitoring and Improvement Handbook, Second Edition*
- Practical Engineering, Process, and Reliability Statistics*
- Practical Reliability Engineering, Fifth Edition*
- Concept for R&R Studies, Second Edition*

#### Standards Resources

- ISO 9000
- ISO 61713 Software dependability through the software life-cycle processes: Application guide
- ISO 31010 Risk Management: risk assessment techniques
- ISO 2394 General principles on reliability for structures

#### Technical Advisory Groups (TAG)

- ISO/TC 176 on quality management

#### Communities

- Reliability and Risk Division
- Team and Workplace Excellence
- Audit Division
- Six Sigma Forum
- Geographic Communities

