

Reliability Engineering Certification (REC)

Secure knowledge and credentials from one of the world's largest and most respected engineering colleges. With the Reliability Engineering Certification (REC), reliability engineers will be well-equipped to reduce risk and increase the value that assets deliver to the triple bottom line.



All classes meet at the University of Kansas Edwards Campus in Overland Park, Kansas

The REC builds and certifies individual competency in reliability engineering and asset management. Successful candidates will be able to apply reliability engineering to build asset management programs that are consistent with ISO 55000 Asset Management standards.

Participants learn how to:

- Create Asset Management Plans that comply with ISO 55000
- Build and sustain a strategic reliability engineering program
- Prepare control strategies that reduce risk and improve utilization
- Design predictive maintenance strategies and programs
- Establish a root cause analysis program

The REC requires completion of four three-day courses*, and documented application of reliability engineering in the form of a work product. Courses include:

- Reliability Engineering Excellence
- Risk-Based Asset Management
- Predictive Maintenance Strategy
- Root Cause Analysis

You will earn a total of 8.4 CEUs for all four courses.

**At least two courses must be taken at the university granting the certification.*

Reliability Engineering Certification Work Product

This requirement demonstrates reliability engineering competency through documented workplace application.

The work product includes:

1. Criticality ranking
2. FMEA
3. RCA
4. Proposed predictive maintenance
5. Presentation and defense

Who Should Attend

The REC is for people who are responsible for improving asset and capacity reliability, decreasing repetitive failures, building sustainable predictive maintenance programs, and creating a culture of continuous improvement.

REC recipients saw significant financial benefits by completing the work product.

An automobile parts supplier saw a 60% reduction in down time

*A candy manufacturer identified and eliminated a failure, saving the company **\$325,000** in parts alone over a six-year period.*

