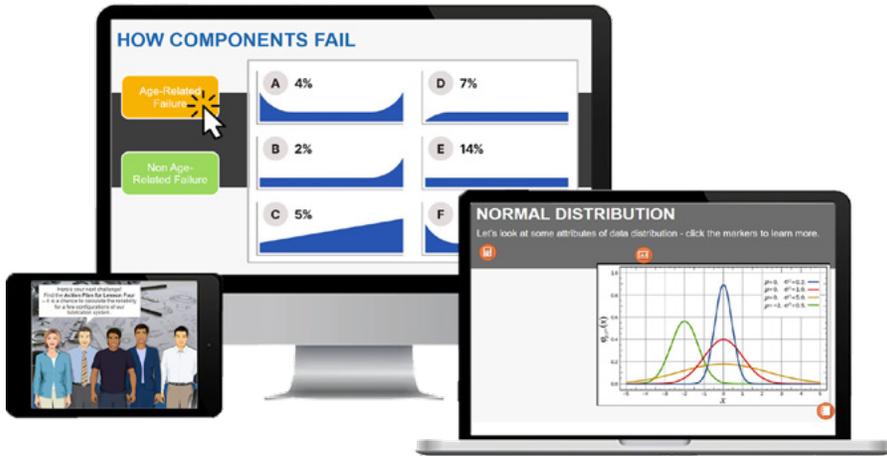


# Reliability Engineering Excellence eLearning (eREE)



Reliability engineers drive the value assets can deliver by overseeing equipment life cycle performance from concept through disposal.

The unique skillset of a Reliability Engineer is in demand. eREE – Reliability Engineering Excellence online training – answers this need with a flexible and comprehensive curriculum for aspiring and experienced engineers.

Primary RE skills this course focuses on:

- Building a business case for reliability
- Designing reliability into a system or process before it's built
- Identifying and managing operational risks
- Solving problems in all areas of asset management

The eREE eLearning course can jump-start the professional development of someone eager for a new challenge and willing to take on the responsibilities that can significantly influence an organization's overall reliability and financial performance.

## More Than eLearning

With eREE, your current and aspiring reliability engineers will discover a complete toolkit of templates, assessments, action plans, analysis tools, and other resources to drive competency and performance in your organization.

This is comprehensive online training that dives deep into issues by immersing the learner in scenarios where they will make decisions, solve problems, practice with tools, and use critical thinking.

## Practical Content

eREE content is aligned with industry standards and metrics, and was built as a practical, performance-based tool.

By the end of the program, learners will be equipped to build and sustain a strategic Reliability Engineering (RE) program to achieve your organization's reliability goals in the areas of risk management, loss elimination, asset care, and management of change.

Included are over 40 templates, tools and job aids to help you practically apply these principles.

## Who Will Benefit

Anyone involved in asset reliability, capacity, and predictive maintenance programs. Those responsible for decreasing repetitive failures and seeking investments to improve plant reliability, including Reliability Engineers, Reliability Technicians, and Reliability Personnel.

### Key Topics:

- How reliability impacts business performance
- Conducting a reliability program current-state assessment
- Critical success factors of core reliability engineering processes
- Applying common reliability engineering tools like a Weibull calculator, and functional and reliability block diagrams.
- Essential tools and commonly-used statistical analysis techniques to support loss elimination
- Understanding asset management and total cost of ownership
- Risk-based asset management and Failure Mode Effects Analysis (FMEA)
- Choosing Key Performance Indicators (KPI) and targets
- Using a systematic process for Management of Change (MOC)
- Developing a business case for reliability investments

### Registration:

800-556-9589  
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### Life Cycle Institute:

Life Cycle Institute is a recognized and respected leader in Learning, Leadership and Change Management solutions. Be prepared to be an active learner. When you invest in training with Life Cycle Institute, you will gain knowledge and learn skills that you will be able to apply immediately. Our courses are designed to teach by doing. Your training with Life Cycle Institute is different because we offer:

- Facilitators who practice what they teach and teach what they practice
- Course content that is constantly updated with the latest proven tools and methods
- Adult learning methods that minimize lecture and emphasize learning by doing
- Classrooms that are specifically designed to facilitate learning