



This guided study is a comprehensive review of the SMRP Body of Knowledge by an experienced CMRP holder and proctor. Each pillar's components are explored using interactive discussion, real-world examples and sample questions.

This is a guided review of the SMRP Body of Knowledge (BoK). It is not an active learning-based CMRP preparation class.

SMRPCO does not endorse any preparation course for CMRP certification. SMRPCO does endorse training conducted by SMRP Approved Providers recognized as providing best-in-class reliability and asset management training aligned with SMRP's BoK. LCE is an SMRP Approved Provider.

Participants who read the following resources have greater success passing the CMRP exam:

- CMRP preparation guide (SMRP website)
- The Asset Management Landscape, 2nd edition (Global Forum on Maintenance and Asset Management – gfmam.org)
- Maintenance and Reliability Best Practices, 2nd edition (Ramesh Gulati)
- Making Common Sense Common Practice, 4th edition: Models for Operational Excellence (Ron Moore)

## Learn How To:

### Define key elements of a reliability-focused business and management strategy (Pillar 1):

- Create and manage a strategic direction and plan for reliability
- Select, track and report on key performance indicators
- Change management and communication
- Managing environmental, health and safety risks

### Define how reliability activities improve manufacturing process reliability (Pillar 2):

- Understand process flow, parameters and quality specs
- Process improvement techniques – e.g. loss elimination and continuous improvement programs
- Maintaining processes in accordance with standards and regulations

### Outline equipment reliability best practices (Pillar 3):

- Determining equipment reliability expectations and goals
- Evaluate equipment reliability and identify improvement opportunities
- Establish a plan to ensure equipment reliability for new and existing assets
- Cost justify plans for implementation
- Implement reliability plans and periodically review performance

### Describe how organization and leadership support maintenance and reliability staffing and development (Pillar 4):

- Determining organizational competency and staffing requirements
- Analyzing organizational capability and developing personnel
- Organizational structure, roles and responsibilities for reliability
- Leading and managing people

### Cite work management best practices (Pillar 5):

- How to identify, validate and approve maintenance and reliability work
- Maintenance and reliability work priority, planning and scheduling
- Executing and documenting work
- Analyzing and measuring work performance
- Planning and executing maintenance and reliability projects
- Using information technologies effectively
- Managing resources and materials effectively

## Course Information

The course is 3 days of instruction and individual study.

### CMRP Exam

All candidates must register for the exam through SMRP. The exam fee is paid directly to SMRP and is not included in the course fee. The CMRP will be awarded by SMRP upon successful completion of the CMRP exam.

### Who Should Attend

Experienced maintenance and reliability professionals who want to attain the CMRP designation. Professionals interested in building their competency in maintenance and reliability disciplines: business and management, leadership, equipment reliability, manufacturing process reliability and work management.

### Private Classes

Your training needs are unique. Unique needs may require customized, on-site training. Learn from practicing reliability professionals – on your site – at a time convenient for you – tailored for your environment.

For more information please contact education at 800-556-9589 or [education@LCE.com](mailto:education@LCE.com).

### Life Cycle Institute:

Life Cycle Institute is a recognized 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 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.