UW–Madison

Interdisciplinary Professional Programs

2025 Maintenance and Reliability Management Certificate Catalog

Interdisciplinary Professional Programs
COLLEGE OF ENGINEERING
UNIVERSITY OF WISCONSIN–MADISON

go.wisc.edu/MRM2025Fall

TAKE THE NEXT STEP

Keep pace with the latest innovations and technology with our **Maintenance and Reliability Management (MRM)** courses.

Each course **features practical, problem-solving strategies**, designed to help new and experienced maintenance and reliability professionals.
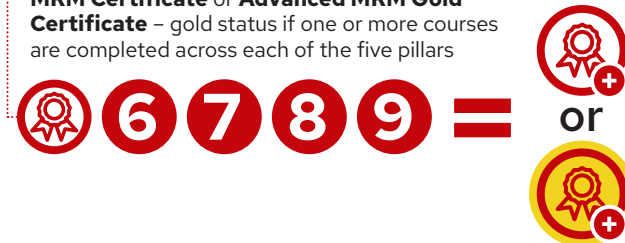
CONTINUE YOUR PROFESSIONAL EDUCATION WITH A CHANCE TO EARN AN ADDITIONAL CERTIFICATE!

MRM Certificate
Complete the required course and 4 additional MRM courses

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After earning your MRM Certificate, complete four additional courses to earn the **Advanced MRM Certificate** or **Advanced MRM Gold Certificate** – gold status if one or more courses are completed across each of the five pillars

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The Maintenance and Reliability Management course series will help you:

Stay current with the latest maintenance practices and technologies

Increase your value to your organization

Handle complex maintenance challenges and contribute to the bottom line

You'll be able to network with individuals experiencing similar problems.

Learn from instructors with decades of practical, real-world experience.

Immediate Impact

What our participants had to say:

"The class had lots of examples and real world applications that I will be able to take back to my place of work."
— **Jeremy Tomas, Maintenance Supervisor, Wolf Appliance (past attendee of Precision and Predictive Maintenance Technologies and Utilization)**

"The course teaches how to put into practice going above and beyond just average maintenance practices. It teaches and outlines how to strive for excellence while in the process improving practices in maintenance. We may not get to the top tier of maintenance but will improve immensely."
— **Patrick Rosas, Maintenance Mechanical Supervisor (past attendee of Best Practices in Maintenance and Reliability)**

"There is a good balance of classroom instruction and hands-on group activities to drive a strong understanding of the tools and their implementation."
— **Benjamin Mercer, Martin Engineering (past attendee of Root Cause Analysis Tools for Technical Applications)**

"The course provided invaluable insights into real-world inventory management scenarios. Dr. Ross's use of practical examples and case studies made it easy to connect theory with practice. The interactive nature of the course, including discussions, group activities, and hands-on exercises, keep the class engaged and fostered a collaborative learning environment. I found the content directly applicable to my role and responsibilities, which will undoubtedly help me improve our inventory management process at my work."
— **Sagar Shinde, Manager - Storeroom Inventory Management, General Mills India (past attendee of Advanced World-Class Storeroom Principles)**

Real World Knowledge

We are proud to partner with our MRM instructors with decades of hands-on experience.

Brian Hronchek
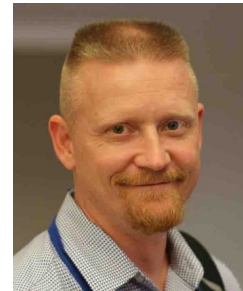Principal Trainer and Consultant, Eruditio

Shon Isonhauer
Owner, Eruditio

Dr. John Ross
President, Maintenance Innovators

Dr. William Sloan
Consultant, Eruditio

George Williams
CEO, ReliabilityX

Learn more and enroll at
go.wisc.edu/MRM2025Fall

Real World Practices

Align your professional development with the Body of Knowledge Pillars for the Society of Maintenance and Reliability Professionals (SMRP)!

Pillar 1: Business and Management

Best Practices in Maintenance and Reliability
September 23 – 25, 2025
REQUIRED COURSE
This recently revised 3-day, highly interactive course is designed to build global-best-practice-knowledge regardless of the learner's starting point.

Pillar 2: Manufacturing Process Reliability

Total Productive Maintenance and Operator Driven Reliability
September 10 – 11, 2025
Realizing and sustaining high on-demand utilization of equipment is achievable with a fully functioning total productive maintenance (TPM) system. This class provides an overview of TPM and dives deep into 2 pivotal pillars for a TPM system to yield meaningful results: Planned Maintenance and Autonomous Maintenance.

Root Cause Analysis Tools for Technical Applications
September 17 – 18, 2025
This course will provide you with the skills to dig deep into a particular situation and to develop strong countermeasures and resolution plans to improve your operation, product, or system. Root cause analysis leads to elimination of repeat errors, improved efficiencies, enhanced quality products and services, and improved morale.

Pillar 3: Equipment Reliability

Asset Strategy Development with FMEA, PMO and RCM
September 8 – 9, 2025
In this course, you will learn the key elements of a holistic maintenance strategy, which can lead your maintenance organization into becoming more proactive and less reactive. You will learn the steps to effectively implement and sustain the strategy and how to sell the strategy to top management.

Pillar 4: Organization and Leadership

Supervision and the Art of Supervising
October 21 – 23, 2025
Learn the latest techniques in conflict resolution, effective communication, and team building to capitalize on traditional traits and characteristics of supervision. Participation in multiple case-study-practice sessions will ease implementation of your new knowledge after the course!

Pillar 5: Work Management

Maintenance Planning and Scheduling
September 15 – 16, 2025
Learn to develop and execute an effective maintenance planning and scheduling process and track KPIs and metrics; accurately estimate time and materials for maintenance PM and PdM activities; and use your CMMS to complete maintenance work orders on time.

Advanced World-Class Storeroom Principles
October 28 – 30, 2025
Build on your knowledge of world-class storeroom principles, and go beyond to make the storeroom a value-driver to your organization.

Online Anytime

Self-Paced Maintenance and Reliability Best Practices **PILLAR 4**
This self-paced Maintenance and Reliability Best Practices course plays a critical part in any well-functioning organization, providing maintenance excellence on the right assets at the right frequencies. Companies that excel with the world class practices as outlined throughout the learning, can reduce machine downtime by up to 50% and extend machinery and/or asset life by over 25%.

5S Implementation for Results **PILLAR 1**
Knowing how 5S Visual Workplace fits into an overall continuous improvement effort is key for team leads, managers, and leaders. This asynchronous, self-paced course provides learners with the information they need to explain the benefits of a 5S Visual Workplace.

Help us develop our offerings, take this survey
go.wisc.edu/mrmsurvey