

UW–Madison

Interdisciplinary Professional Programs

2026 Maintenance and Reliability Management Certificate Catalog



Interdisciplinary
Professional Programs
COLLEGE OF ENGINEERING
UNIVERSITY OF WISCONSIN-MADISON

go.wisc.edu/MRM2026

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



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



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:

"I liked the interactive sections. Creating a goal and breaking down how to achieve the goal. Considering how to measure [its] success, and identifying potential obstacles."

– **Kris Richmond**, Lead Commercial Maintenance, Pci Pharma Services
(past attendee of Developing a Winning Strategic Plan for Reliability)

"The course was very informational along with the instructor that was teaching it. Very nice to have a course where the person teaching the course has actually worked in the field and can relate to everyone in the classroom."

– **Matthew Monson**, Maintenance Crew Lead, City of East Moline Water Plt
(past attendee of Best Practices in Maintenance and Reliability)

"Amazing insight on what a successful supervisor looks like. My biggest take away is the skills matrix, I will be using that in my daily job duties."

– **Brock Whipple**
(past attendee of Supervision and the Art of Supervising)

"This course helped me identify tools and procedures that I didn't know were available for precision and predictive maintenance. It also showed me how these can be helpful in making our maintenance department world class."

– **Jason Herrick**, Sr. Maintenance Planner, Arla Foods Hollandtown Dairy
(past attendee of Precision and Predictive Maintenance Technologies and Utilization)

"As we all know you learn something new everyday and I didn't realize all of the new and different ways to improve dramatically on all steps and processes of daily maintenance practices."

– **Tim Herriman**, Maintenance Electrician, Ducommun, Inc.
(past attendee of Total Productive Maintenance and Operator Driven Reliability)

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



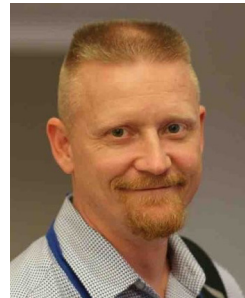
Howard Penrose
President, MotorDoc LLC



Dr. John Ross
President, Maintenance
Innovators



Dr. William Sloan
Consultant, Eruditio



George Williams
CEO, ReliabilityX

Learn more and enroll at
go.wisc.edu/MRM2026

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

April 13 – 16, 2026

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.

CMMS Setup and Utilization

October 28 – 29, 2026

Explore how to evaluate systems, set up core and transactional records, and apply best practices for ongoing system maintenance. Whether you're selecting a new CMMS or optimizing an existing one, this course equips you with the tools to drive efficiency and reliability across your maintenance operations.

Pillar 2: Manufacturing Process Reliability

Root Cause Analysis Tools for Technical Applications

May 13 – 14, 2026

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.

Total Productive Maintenance and Operator Driven Reliability

September 23 – 24, 2026

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.

Pillar 3: Equipment Reliability

Precision and Predictive Maintenance Technologies and Utilization

May 18 – 19, 2026

Explore the essentials of precision and predictive maintenance (PdM), including diagnostic technologies and their application in reducing unplanned downtime. Learn how precision maintenance techniques enhance equipment performance and extend asset lifespans. Through practical insights and expert guidance, participants will develop maintenance programs tailored to their facilities' needs for improved reliability and productivity.

Asset Strategy Development with FMEA, PMO and RCM

September 21 – 22, 2026

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

Developing a Winning Strategic Plan for Reliability

May 11 – 12, 2026

In today's competitive business environment, the difference between success and failure is often based on how well our machines and facilities perform. Learn detailed strategic approaches to management and leadership in maintenance and reliability.

Effectively Managing Your Maintenance Team Through Change Leadership

May 20 – 21, 2026

Lead your maintenance team through change with confidence using proven leadership strategies tailored to reliability and operations environments. This course equips professionals with the tools to drive sustainable improvements, align behaviors, and foster a culture of continuous progress.

Supervision and the Art of Supervising

October 6 – 8, 2026

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!

5S Implementation for Results Online Anytime

This course demystifies the 5S methodology—Sort, Set in Order, Shine, Standardize, and Sustain—by connecting it directly to Lean principles and operational excellence. Engineers and operations leaders will gain actionable insights into eliminating waste, improving workflow, and creating a culture of discipline and visual management. Through seven focused modules, learners will build the skills to lead 5S initiatives that deliver lasting impact.

Pillar 5: Work Management

Certified Maintenance and Reliability Technician • April 21 – 23, 2026

Prepare your maintenance team for CMRT certification with a hands-on course built around the SMRP Body of Knowledge. This program equips technicians and leaders with the practical skills, strategic alignment, and confidence needed to pass the exam and drive reliability excellence.

Maintenance Planning and Scheduling • October 26 – 27, 2026

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 • November 3 – 5, 2026

This course goes beyond the basics to explore the evolution of storeroom practices into a world-class, reliability-driven function. Through engaging discussions, real tools, and practical activities, participants will learn how to optimize inventory, improve accuracy, and align storeroom operations with broader maintenance and reliability goals.



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

