

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.

Starting in 2024, you can continue your professional education with a chance to earn an additional certificate!

MRM Certificate
Complete the required course and 4 additional MRM courses



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



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.

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Interdisciplinary Professional Programs
432 North Lake Street • Madison, Wisconsin 53706

Maintenance and Reliability Management Certificate

Interdisciplinary Professional Programs
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Maintenance and Reliability Management Certificate

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interpro.wisc.edu/MRM

TAKE THE NEXT STEP

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

Immediate Impact

What our participants had to say:

"It's been incredibly helpful to utilize some of the things that I've learned up there and bring it back here, and actually get to work on implementing some of the things that I got excited about hearing in the classes. So at least in my company, [the MRM Certificate] is held in high regard."

– Carl Kottke, PCI Pharma Services

"Don't question it... it's one of the best decisions and investments you can make. Especially getting involved with other industry professionals and seeing similar situations, you don't have to rethink the wheel... you can build off their knowledge."

– Eric Maki, SubZero

"There's a lot of benefit in these courses, and it's more than just dollars and cents and time. There's engagement. One of the biggest things that companies gain from now is having engagement of their employees. Engaged employees produce more. Showing that you're invested in their future, as well as the future of the company, by giving them education so that they can succeed at their jobs is a great tool."

– Thomas Stenz, Foremost Farms

Learn more and and enroll at
interpro.wisc.edu/MRM

Real World Knowledge

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



Joe Anderson
COO, ReliabilityX



Rob Bishop
Reliability Manager,
Chemtrade



Ramesh Gulati
Reliability Sherpa,
ReliabilityX



John Ross
President,
Maintenance
Innovators



Jeff Russell
Co-Owner, Russell
Consulting, Inc.

Instructor Highlight

George Williams, CRL CMRP

George is the founder and CEO of ReliabilityX. He has a master's degree in reliability engineering from Monash University. He began his career working for his father in maintenance – performing PMs on trucks and trailers – while in high school. George spent 16 years with a major pharmaceutical company, where he began as a technician and worked his way up to global asset management. In 2015, George's global team won the Uptime Award for Best Maintenance and Reliability Program. He is a certified maintenance and reliability professional and certified reliability leader. In 2016, he was recognized by the Society for Maintenance and Reliability Professionals as Certified Maintenance and Reliability Professional of the Year. He has earned certifications in vibration analysis, infrared thermography, ultrasound, motion amplification, and plant maintenance management. George is a published author and a recognized leader in reliability. He's been teaching maintenance and reliability classes for UW-Madison Interdisciplinary Professional Programs since 2010.



The Maintenance and Reliability Certificate program is designed at a level which provides value from shop floor to leadership. These courses cover best practice concepts from understanding value to application, and that's not even the best part. You'll add to your professional network, a group of like minded individuals dedicated to continued learning who share your struggles, have innovated improvements you can apply, and are willing to stay connected for mutual benefit. I encourage you to join this community and advance your career.

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 23 – 25, 2024

September 17 – 19, 2024

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.

Business Basics for Maintenance and Operations
Date TBD

This course will help you drive a cultural evolution and unveil industry secrets to help you create a center of excellence and turn your plant around in only a few years!

CMMS Setup and Utilization
October 23 – 24, 2024

Learn what a Computerized Maintenance Management System (CMMS) can and can't do; configuration strategies and their applications; and on-going activities to realize improved-asset performance and workplace productivity.

Pillar 2: Manufacturing Process Reliability

Root-Cause Analysis Tools for Technical Application
May 1 – 2, 2024

This course will provide you with the skills to dig deep into a situation and to develop strong countermeasures and resolution plans to improve your operation, product, or system.

Lean, Six Sigma, and Maintenance Best Practices
Date TBD

Best practices change as new process methodologies are developed in support of continuous improvement. Learn the current maintenance, reliability, and asset management best practices.

Improving Equipment Uptime and Performance with TPM
Date TBD

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 22 – 23, 2024

Learn to apply proven predictive maintenance approaches that optimize availability of equipment, reduce costs, and improve quality.

Using FMEA and RCM to Reduce Equipment Failure
April 29 – 30, 2024

Learn the similarities and differences among FMEA and RCM methodologies along with their applications and benefits.

Asset Strategy Development
May 20 – 21, 2024

Learn the key elements of a holistic maintenance strategy, which can lead your maintenance organization into becoming more proactive and less reactive.

Machinery Lubrication Fundamentals
November 5 – 7, 2024 **NEW COURSE**

Many experts within the industry have touted lubrication a critical element in achieving maintenance and reliability goals. Learn the best practices in this course.



Pillar 4: Organization and Leadership

Developing a High-Performance Maintenance Organization
October 21 – 22, 2024

You will leave this course with the ability to create a strategy, and develop and manage your team, and will overview major approaches for effectively managing assets.

Effectively Managing Your Maintenance Team
September 23 – 24, 2024

This seminar explores what it means to become an effective maintenance manager to take your team to the next level.

Supervision and the Art of Supervising
June 4 – 6, 2024

NEW COURSE

This program isn't just for the technical fields, this is valuable learning for anyone yoked with directing others and delivering concrete results.

Pillar 5: Work Management

Maintenance Planning and Scheduling
September 10 – 12, 2024

Develop and execute an effective maintenance planning and scheduling process and track KPIs and metrics; and use your CMMS to complete maintenance work orders on time.

Work Management for Maintenance and Reliability
May 14 – 16, 2024 **NEW COURSE**

This course offers a highly detailed, step-by-step walkthrough of the maintenance work management process, designed to highlight the reliability capturing requirements.

Advanced World Class Storeroom Principles
October 29 – November 1, 2024

NEW COURSE

Build on your knowledge of world-class storeroom principles, and go beyond to offer make the storeroom a value-driver to your organization.

Preventive Maintenance Optimization
September 25 – 26, 2024

Transform your existing program into an effective and efficient system, and establish a culture of continuous improvement.



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