

NC STATE UNIVERSITY

OFFICE OF PROFESSIONAL DEVELOPMENT

THE ADVANCED DIPLOMA IN MAINTENANCE & RELIABILITY MANAGEMENT

EARN A PRESTIGIOUS DIPLOMA FROM A TOP ENGINEERING SCHOOL IN THE COUNTRY

ADVANCE YOUR CAREER

NETWORK WITH INDUSTRY LEADERS FROM AROUND THE WORLD

PREPARE FOR THE CMRP EXAM

MARSHALL  INSTITUTE
Global Leaders In Maintenance & Reliability

Advance your maintenance and reliability career and gain confidence in leading your maintenance organization.

The challenges of today's increasingly competitive global marketplace, and in particular, modern process and manufacturing industries are complex and asset intensive. You must know how to face these challenges in a manner that maximizes uptime and minimizes operational costs. Plants and facilities need to be maintained so that process safety and asset integrity are not compromised.

This comprehensive yet flexible diploma is designed for working maintenance and reliability professionals and is based on real-world concepts, strategies, best practices and emerging trends. Learn from, and network with, Marshall Institute's experts and fellow peers to supercharge your career and professional performance.



THE ADVANCED DIPLOMA IN
MAINTENANCE & RELIABILITY MANAGEMENT



"I think that the MRM series is very valuable for anyone in the maintenance and reliability field. You gain so much knowledge and so many useful tools to help better your organization."

Amber Pratt, Transmission Assembly Manager, Raymond Corporation, Greene, NY

MRM I: Strategic Leadership, Planning & Control

RALEIGH, NC **APRIL 22 - 26, 2024** | HOUSTON, TX **JUNE 17 - 21, 2024**

Key Topics

- Strategic Maintenance Leadership
- World-Class Maintenance
- Total Productive Maintenance/Total Process Reliability

Learn & Apply

- A comprehensive maintenance and reliability framework
- Key elements of a world-class maintenance and reliability program
- Fundamentals of change management
- Implementation strategies
- Concepts of developing a business plan
- Leadership principles for managers in operations, maintenance and engineering
- Budgeting fundamentals

MRM II: Work Flow & Materials Management

ONLINE **MAY 20 - 24, 2024** | RALEIGH, NC **SEPT. 9 - 13, 2024**

Key Topics

- Maintenance Planning and Scheduling
- Storeroom Control
- Lean Maintenance
- Measures and Metrics

Learn & Apply

- Integration of a computerized maintenance management system (CMMS) and work processes
- Work preparation and planning
- Scheduling of maintenance activities
- Implementation of an effective and efficient storeroom operation
- Tools for identifying waste in work processes
- Equipment criticality analysis and work prioritization
- Measurement of maintenance processes

MRM III: Risk & Reliability Management

HOUSTON, TX **MARCH 18 - 22, 2024** | ONLINE **OCT. 21 - 25, 2024**

Key Topics

- Preventive Maintenance (PM)
- Reliability-Centered Maintenance/PM Optimization
- Maintenance Prevention/Reliability Engineering

Learn & Apply

- Concepts of risk management and how it relates to maintenance and reliability
- Basic principles of reliability-centered maintenance (RCM) and analysis tools, as a risk and reliability management strategy
- Concepts of PM optimization and writing effective PM tasks
- Root cause analysis concepts and tools



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MRM Summit Series

The next step of your professional development is here. The MRM Summit Series includes FREE monthly webinars for graduates and soon-to-be graduates to advance education, share best practices, solve real-world problems, and build a strong professional community.

MRMsummit.com

Attend modules in any order in as little as one year or as many as three years.

You will earn your diploma by successfully completing the three modules, passing the exams, and completing the homework requirements within three years of finishing your first module. You can attend the modules in whichever order you prefer and any combination of in-person and online classes. This diploma is designed for working professionals.

Graduates receive an embroidered Nike® Dri-FIT™ shirt!

Who Will Benefit Most

Aspiring or current leaders in maintenance and reliability, operations, production, or engineering.

Virtually all those in industries who are responsible for maintaining physical assets, including manufacturing, process, pharmaceutical, mining, oil and gas, and facilities management, to name a few.

Program Fees

\$2,195*

Per Individual

\$1,995*

Per Each Additional Registration

from the same organization; government employee; or when you register for all three modules at once

Your registration fee includes daily snacks and lunches, and training materials. Lodging and evening meals are not included with your registration.

*If registration is not made two weeks prior to course start, fees increase by \$200.

How To Enroll

On-line go.ncsu.edu/mrm **Call** 919.515.2261
Download a registration form go.ncsu.edu/mrm

To help us serve you better, please provide your priority code when registering. You can find this code above your name and address. Give this code even if label is addressed to someone else.

Good to Know

CEU CREDITS Individuals satisfactorily completing all three modules are eligible for 12 CEUs and 120 PDHs.