MAINTENANCE MANAGEMENT CERTIFICATION

Professional maintenance managers bring structure and process to the business, using the most current methodologies and best practices. Their leadership saves time and money by keeping systems and processes running smoothly and productively while heading off costly problems.

The Maintenance Management Certification (MMC) program, offered by The Ohio State University College of Engineering in partnership with Life Cycle® Institute, provides you with skills that can be applied on the job right away, demonstrate your commitment to building a solid maintenance program and increase your value to your organization.

This certification program will enable you to:
- Build and sustain a maintenance program
- Establish appropriate maintenance KPIs and visual management dashboard
- Select the optimum equipment maintenance strategy
- Implement work management strategies that improve asset availability and utilization
- Increase maintenance personnel productivity
- Build a problem-solving culture
- Manage an effective maintenance budget

MMC REQUIREMENTS

Students are required to complete four courses within a three-year time period. Two required courses are:
- Maintenance Management Skills
- Managing Planning and Scheduling

You are also required to select two of the following 3-day courses based on what is most applicable to your work or of interest to you:
- Predictive Maintenance Strategy
- Risk-Based Asset Management
- Root Cause Analysis

Upon completion of the course work, you must successfully pass the Maintenance Management Certification exam.

ABOUT LIFE CYCLE® INSTITUTE

The Life Cycle Institute designs, develops and delivers learning solutions that change behavior to produce desired results. When the institute is engaged, learning is not an event but an active learning experience where proven adult learning methods are applied to ensure on-the-job application of new knowledge and skills.

ABOUT OHIO STATE’S PROFESSIONAL & DISTANCE EDUCATION PROGRAMS

The Ohio State University College of Engineering is committed to providing lifelong learning for individuals in the fields of engineering and architecture. Through professional education, adult learners can engage with world-class faculty to increase their knowledge, expand upon their expertise and build their careers. The College of Engineering’s Professional and Distance Education Program Office (PDEP) provides learning opportunities from innovative leaders in engineering and architecture education. The PDEP offers professional degrees, certificate programs and other courses in distance learning format to meet the needs of busy working professionals.

WHO SHOULD ENROLL?

The maintenance management role applies to a wide variety of industries and organizations where the coordination, direction, and tracking of equipment maintenance, tools, and related assets are available for a smooth, efficient, and profitable manufacturing process.

The type of people who are ideal candidates for this program are:
- Career starters in a maintenance field
- Process drivers in operations
- Change agents in the organization
- Proactive initiators for continuous improvement
- Value-adders to the bottom line
REQUIRED COURSES

Maintenance Management Skills  
Management Skills for Maintenance Supervisors teaches supervisors how to lead a world-class maintenance department using planning and scheduling best practices to drive work execution, and motivational and time-management techniques to improve maintenance worker productivity. The result is improved staff motivation, lower employee turnover, increased output and reduced waste of resources.

Managing Planning and Scheduling  
Participants build a work management program based on Reliability Excellence best practices. The course is designed for a Lead Planner or Department Manager to establish a proactive work management program or to transform an existing program into an effective, results-producing department that positively impacts maintenance costs, plant reliability measures and employee morale.

ELECTIVE COURSES

Predictive Maintenance Strategy*  
Predictive maintenance (PdM) is not a tool, technique or certification. Predictive maintenance is a philosophy that uses the equipment’s operating condition to make data-driven decisions and improve quality, productivity and profitability. Unlike industry courses that focus on applying specific technologies like vibration monitoring or oil analysis, this course focuses on establishing, managing and sustaining results from a comprehensive PdM program.

Risk-Based Asset Management*  
Explore how to improve asset availability and meet reliability goals by applying a risk-based approach to asset maintenance and operations. In the Risk-Based Asset Management (RBAM®) course, you practice how to prioritize reliability efforts on critical equipment and failures that impact your operation. RBAM incorporates reliability-centered maintenance (RCM) principles and continuous improvement practices like PDCA to position your program for decreased downtime, lower maintenance expenditures and an acceptable total cost of ownership.

Root Cause Analysis*  
Armed with what you learn in this course, you will apply a process for root cause analysis, establish a culture of continuous improvement and create a proactive environment. Learn to ask the right questions, establish triggers that drive you to the RCA process and perform cost-benefit analysis.

Maintenance Planning and Scheduling  
Learn how to pave the way for planning and control of maintenance resources. Participants will learn to submit work orders, prioritize work using equipment criticality (RIME), summarize requirements for work management support systems, and build a schedule using best practices.

*These courses can also be applied to the Reliability Engineering Certification. See go.osu.edu/REC for details.

PRICING  
The three-day courses cost $1,895 each and award 2.1 CEUs accepted and recognized by The Ohio State University, Life Cycle Institute and Certified Reliability Leaders. The price for each course includes a comprehensive learning manual, continental breakfast, lunch and snacks.

Classes are held at the Drake Performance Center on The Ohio State University Columbus campus.

REGISTER  
To register visit: go.osu.edu/MMC

CONTACT  
Professional Programs  
Darla da Cruz,  
Program Coordinator  
614-292-7153 | dacruz.2@osu.edu