



iLearn**Reliability**™

PROFESSIONAL DEVELOPMENT

iLearnReliability [Professional Development] is reliability e-learning that helps you master reliability improvement through our unique training methodology which makes complex reliability and condition monitoring concepts interesting and easy to understand.

WHAT YOU WANT TO LEARN IS VERY IMPORTANT,
BUT THERE IS A LOT TO LEARN. READING BOOKS AND
ATTENDING CONFERENCES IS A SLOW AND UNSTRUCTURED
WAY TO LEARN - YOU NEED A STREAMLINED TRAINING COURSE
THAT TAKES YOU THROUGH THE A TO Z OF RELIABILITY
IMPROVEMENT, MODERN MAINTENANCE PRACTICES, AND
CONDITION MONITORING TECHNIQUES.



HOW TO FIND THE RIGHT RELIABILITY TRAINING RESOURCE

Where can you find a resource that will meet your needs? On one hand, reliability experts will cover specific topics in overwhelming detail, on the other hand popular media companies will provide academic perspectives, having no first hand experience in practice. Consulting companies often provided training only to attract companies to their services. You need a trusted training provider having plant-floor experienced contributors that teach you a practical perspective of reliability that you can put to into practice immediately. You don't need to be a expert in every single subject area, but you need to know enough to be able to lead or substantially contribute to a program, provide guidance to others, and pass a reliability examination if that's your desire.



PROFESSIONAL DEVELOPMENT

iLearnReliability™ [Professional Development] provides reliability training to the individual who wants to master the topics in preparation of certification or to become a valuable member of a plant's reliability team.

WHO BENEFITS

iLearnReliability [Professional Development] is intended for managers and maintenance personnel who want to master reliability improvement, become certified or participate in a reliability program at a high level.

WHAT YOU LEARN

The program teaches reliability strategy, program management, implementation, best practices, and an overview of all condition monitoring technologies that reliability improvement depends on. Our training methodology makes complex concepts interesting and easy to understand through the interactive e-Learning format filled with interesting 3D animations and software simulators.



LEARN. LEAD. SUCCEED.

How does iLearnReliability work?

When you purchase the iLearnReliability [Professional Development] subscription, you will be given access to our learning portal where you access iLearnReliability online for a full year. Simply log-in and click to learn. Each module is narrated and contains many **Mobius' Crystal Clear™** animations and interactive simulations. Each module has a matching quiz. Completing the quiz will help you to check whether you understood the topics covered in the module.

The system keeps track of the modules you have accessed - though you can view them as many times as you like during the subscription period. And it keeps track of your quiz scores - which you can take multiple times if you choose.



BENEFITS OF KNOWLEDGE

Improving the reliability of an industrial plant creates a safer workplace with a viable long term future where people can take pride in their work. There is a lot to learn. Managers have great expectations, and co-workers expect you to know everything just because you have the right job title. That puts a lot of pressure on you.

But a lot of people have enjoyed exciting and enriching careers when they learned to master these topics (and optionally become certified). It is professionally and personally fulfilling to make a difference to so many people's lives. When you are successful in your career, you stand taller and opportunities open before you. iLearnReliability [Professional Development] allows you master these topics and enjoy the benefits.



MASTER RELIABILITY

STRATEGY, MANAGEMENT & IMPLEMENTATION



When you MASTER reliability and become certified, you demonstrate that you have the knowledge to step up and lead a reliability improvement program that will have a lasting impact on your company and your career.

A MASTER of reliability improvement understands successful reliability strategy, setting targets for achievement, and how to address leadership challenges and how to transform your plant's culture from reactive to reliable. You will have a good understanding of how to establish your asset criticality rankings, KPIs, benchmarking, and FMEA so you will understand the problem areas and how to implement continuous improvement techniques effectively.

Professional Development Modules

[EE] ESSENTIAL ELEMENTS

iLearnReliability [Professional Development] includes a series of brief modules called “Essential Elements”. These modules provide a quick introduction to these key topics plus a handy reference or refresher.

ID	TOPIC
EE-RR	Roadmap To Reliability
EE-DE	Defect Elimination
EE-ACR	Asset Criticality Ranking
EE-RCM	Reliability Centered Maintenance (RCM)
EE-MP	Maintenance Practices
EE-FMEA	Failure Mode Effects Analysis (FMEA)
EE-PMO	Planned Maintenance Optimization (PMO)
EE-CBM	Condition Based Maintenance (CBM)
EE-VIB	Vibration Analysis
EE-UT	Ultrasound Testing
EE-IR	Infrared Thermal Imaging
EE-ALIGN	Alignment
EE-BAL	Balance
EE-CC	Lubrication Contamination Control
EE-PM	Preventive Maintenance
EE-ODR	Operator Driven Reliability

[MT] PROGRAM MANAGEMENT

iLearnReliability [Professional Development] also includes a series of very detailed “Program Management Training” modules. These modules provide more detailed training on the topics you need to understand if you will lead or if you intend to lead or substantially contribute to an asset management and reliability improvement program.

ID	TOPIC
MT-M-1	Roadmap To Reliability Improvement
MT-M-2	Understanding Maintenance Practices
MT-M-3	Setting The Targets: KPIs, Benchmarking, And Continuous Improvement
MT-M-4	Leadership And Culture Change
MT-M-5	Building A Master Asset List
MT-M-6	Establishing The Asset Criticality Ranking
MT-M-7	Determining Your Asset Maintenance Strategy
MT-M-9	Establishing A New Vibration Monitoring Program
MT-M-10	Supercharging An Existing Vibration Monitoring Program
MT-CM-1	An Introduction To The Condition Monitoring Technologies
MT-CM-2	Vibration Analysis And Bearing Fault Detection
MT-CM-3	Airborne And Structure-Borne Ultrasound
MT-CM-4	Oil Analysis And Wear Particle Analysis
MT-CM-5	On-Line And Off-Line Electric Motor Testing
MT-CM-6	Infrared Thermography
MT-PM-1	Precision Shaft Alignment
MT-PM-2	Field Balancing
MT-PM-3	Precision Lubrication (and Contamination Control)

READY TO
SEE IT
IN ACTION?

We have provided access to two of the “Essential Elements” modules on “Lubrication contamination control” and “Vibration analysis” so you will see how they are all narrated making the study process very easy. They contain lots of animations and many “simulators” that allow you to interact with the lessons. To access our sample modules, please go to www.mobiusinstitute.com/reliability and click on the “Professional Development” tab.

CONTACT MOBIUS TODAY!

Take your next step by contacting us. You can reach us by email at learn@mobiusinstitute.com or call us toll free in North America at (877) 550-3400 or worldwide at (+1) 615-216-4811.

MAKE RELIABILITY A REALITY.



Learn more about **MOBIUS INSTITUTE** training courses, distance learning options and iLearn™ training products. Contact us toll free (US & Canada) at (877) 550-3400, international at (+1) 615-216-4811, by email at learn@mobiusinstitute.com, or online at www.mobiusinstitute.com.

MOBIUS INSTITUTE is a worldwide provider of Reliability Improvement, Vibration Analysis and Precision Maintenance education for plant managers, reliability engineers and condition monitoring technicians, allowing plants to be successful in implementing reliability improvement programs through delivery of more easily understandable and comprehensive training of Reliability and Vibration Analysis via public, in-plant and online education programs. Since 1999, Mobius Institute has delivered superior education through its Crystal Clear™ methodology that uses innovative 3D animations and software simulations that make complex topics easier to understand.

Mobius Institute has training centers in 50 countries and its certification body is ISO 18436-1 and ISO/IEC 17024 accredited.

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