

2025 TRAINING CALENDAR

REGISTER TODAY

COURSE	DESCRIPTION	AUDIENCE	DATES
Applied Machine Learning for Digital Asset Health Monitoring <i>(Quartic.ai)</i>	Unlock the power of Machine Learning and AI for Digital Asset Health Monitoring with our intensive 2-day course. From understanding Industrial Analytics Framework to deploying real-time...	This virtual course is aimed at industrial analysts, asset managers, and engineers who want to leverage AI and ML for optimizing asset performance and risk management.	Virtual Course
Develop & Manage Preventive Maintenance <i>(IDCON)</i>	Coming Soon!	Coming Soon!	10/22 – 10/23 Raleigh, NC
Electric Motor Testing (Energized and De-Energized) <i>(The Snell Group)</i>	Enhance your skills in motor testing with our comprehensive course, combining theoretical training and hands-on labs to equip you with the techniques and knowledge to analyze, troubleshoot, and maintain motors and their circuits safely and effectively.	This course is designed for technicians and engineers who want to enhance their ability to analyze and troubleshoot electric motors using machine learning techniques.	10/13 – 10/17 University of Tennessee
Essential Craft Skills - Assembly and Installation <i>(Reliability Solutions)</i>	Master essential precision skills for machinery assembly and installation with our five-day seminar, designed to refresh and enhance your maintenance techniques for long-term reliability and profitability.	The seminar is aimed at participants with a mechanical craft background, but production operators and engineers will find the seminar valuable and first-line supervision is encouraged to attend to demonstrate advocacy and understanding for renewed essentials.	05/13 – 05/15 University of Tennessee
Essential Fluid Power Skills <i>(Reliability Solutions)</i>	This course, utilizing the 3H approach (Hybrid, Heuristic, Hands-on), provides six online ILT sessions on fluid power fundamentals, followed by self-led equipment exercises and concludes with a 2.5-day hands-on event, blending virtual and practical training to enhance troubleshooting skills, system comprehension, and preventative maintenance techniques for fluid power systems.	This course is ideal for maintenance technicians, engineers, and plant personnel responsible for troubleshooting, operating, and improving fluid power systems in an industrial setting.	09/22 – 09/26 University of Tennessee
Failure Modes and Effects Analysis & PM Optimization <i>(RMC)</i>	Optimize maintenance tasks and reduce risk with our PM Optimization and FMEA course. Learn to use Failure Mode and Effects Analysis for effective problem-solving and failure prevention...	This course is intended for anyone (trades/technicians/engineers/managers) interested in reducing the risk of product and process failures, including those in the fields of reliability, manufacturing, quality, design/development engineering, and safety.	03/25 – 03/27 Smyrna, TN 07/29 – 07/31 University of Tennessee
Leading Change to Best Practices <i>(RMC)</i>	Transform your organization's approach to change with the University of Tennessee's Reliability and Maintainability Center course, led by Dr. Klaus Blache. Gain actionable insights...	This course is designed for organizational leaders and change agents seeking to enhance their approach to reliability and maintenance. Participants will gain actionable insights and strategies to effectively drive and manage change within their organizations.	08/12 – 08/13 Troy, MI
Level I – Thermographic Applications <i>(The Snell Group)</i>	This Ultrasound Level I Training provides a thorough 32-hour classroom instruction in airborne ultrasound technology, adhering to ASNT and ISO standards. Participants will learn from highly experienced instructors and experts, gaining a deep understanding of ultrasound theory, principles, and practices, and complete their training with a written examination.	This course is aimed at maintenance professionals, engineers, and quality assurance personnel seeking to master airborne ultrasound technology for detecting and diagnosing equipment issues. It is ideal for those looking to gain formal certification and a comprehensive understanding of ultrasound principles and practices in industrial settings.	05/05 – 05/09 University of Tennessee
Maintenance Planning & Scheduling <i>(People & Processes)</i>	Maximize your organization's efficiency with our 3-day Maintenance Planning and Scheduling course, designed to fully equip Maintenance Planner Schedulers and supporting roles with practical skills and strategies to eliminate delays and enhance craft efficiencies.	Maintenance Planner Schedulers, Maintenance Supervisors and Coordinators, and Team Leads. From a partnership perspective, Operations Schedulers and Supervisors, Maintenance and Operations Management, Plant Managers, Purchasing Managers and Buyers, and Storeroom personnel.	05/06 – 05/08 University of Tennessee 11/04 – 11/06 Smyrna TN

Maintenance Storeroom and Materials Management <i>(People & Processes)</i>	Our three-day course bridges Maintenance and Storeroom/Materials Management professionals to drive improved equipment reliability through efficient spare parts and materials management.	Organizational personnel accountable for implementing proactive change, including plant managers, maintenance managers and supervisors, operations managers and supervisors, and materials and storeroom managers.	08/19 – 08/21 University of Tennessee
Maximo for Maintenance Planners <i>(Marshall Institute)</i>	This course provides comprehensive training for planners, managers, and supervisors who use Maximo daily, focusing on maximizing efficiency in work management, job planning, prioritization, and preventive maintenance through tailored Maximo skills and best practices.	This course is ideal for planners, managers, supervisors, and team leads who use Maximo regularly and seek to enhance their skills in work management, job planning, and preventive maintenance to improve overall efficiency and effectiveness in their roles.	TBA Virtual Course
Minimizing Human Error <i>(RMC)</i>	This two-day course will explore the impact of human error on reliability, teaching participants techniques and tools to minimize or manage its consequences.	This course is ideal for reliability engineers, maintenance professionals, and operations managers seeking to reduce human error and improve system performance in industrial settings.	04/08 – 04/09 University of Tennessee
Motor Circuit Analysis & Electrical Signature Analysis Motor Diagnostic Workshop – Level I <i>(ALL-TEST Pro)</i>	Enhance your expertise with our three-day MCA™ training, where you'll master de-energized low voltage winding insulation testing. This course covers essential theories and hands-on exercises...	This workshop is tailored for engineers, maintenance professionals, and technicians seeking to deepen their expertise in motor circuit analysis and electrical signature analysis. Participants will gain hands-on skills and theoretical knowledge essential for diagnosing and troubleshooting motor performance issues effectively.	07/21 – 07/24 University of Tennessee
Motor Circuit Analysis & Electrical Signature Analysis Motor Diagnostic Workshop – Level II <i>(ALL-TEST Pro)</i>	Advance your skills with our three-day virtual Electrical Signature Analysis (ESA) Energized training. Building on ESA Level I, this hands-on course delves into advanced FFT theories and power quality issues...	This workshop is designed for experienced engineers and technicians looking to refine their skills in motor circuit and electrical signature analysis for more complex motor diagnostics and troubleshooting.	TBD
Proven Solutions <i>(People & Processes)</i>	Unlock efficiency and excellence in your organization's operations with the Proven Solutions in Maintenance and Reliability Course, designed for senior leaders, executives, plant managers, maintenance supervisors, and anyone committed to fostering a proactive, reliability-centered culture.	This course is ideal for senior leaders, executives, plant managers, maintenance supervisors, and any professionals aiming to cultivate a proactive, reliability-centered culture within their organization.	06/10 – 06/12 University of Tennessee
R&M Foundational Elements “Spring Boot Camp” <i>(RMC)</i>	The Reliability & Maintainability Foundational Elements (“Boot Camp”) is a one-week program offering a comprehensive review of key R&M concepts,	This course is ideal for professionals at all levels within an organization who are involved in or responsible for starting, implementing, or sustaining Reliability and Maintainability processes.	05/19 – 05/23 University of Tennessee
Reliability Engineering – A Path to Improved Performance <i>(Eruditio)</i>	Learn to develop maintenance strategies and equipment plans while analyzing your EAM data to reduce failures. Perfect for facilities aiming to enhance reliability, this course equips you with essential tools.	This course is ideal for reliability and maintenance professionals in facilities looking to improve equipment performance and reduce failures by developing strategic maintenance plans.	TBD
Reliability-Based Design <i>(Ron Moore)</i>	The Reliability-Based Design course teaches how to integrate reliability practices into the design of processes and equipment to minimize defects, reduce lifecycle costs, enhance performance and safety, and improve your organization's long-term competitive edge.	The class will review different reliability practices and provide invaluable advice on how you can apply them in your own organization to lower lifecycle costs, improve performance, increase safety, reduce environmental risks, and ultimately enhance your long-term competitive position.	06/24 – 06/25 University of Tennessee
Reliable Manufacturing: Essential Leadership Principles <i>(Reliability Solutions)</i>	Attention maintenance professionals! Elevate your leadership skills and revolutionize your maintenance operations with our exclusive seminar-designed just for you.	While this seminar is curated for individuals with a mechanical background, it also offers significant value for production operators and engineers. We strongly encourage first-line supervisors to participate, as it underscores their commitment and enhances their understanding of the updated essentials of maintenance.	08/26 – 08/28 University of Tennessee
Root Cause Analysis <i>(RMC)</i>	Master Root Cause Analysis with our comprehensive course. It combines academic knowledge and practical advice from industry experts to drive continuous improvement and reduce costs.	This course is designed for professionals seeking to enhance their problem-solving skills and drive continuous improvement by mastering Root Cause Analysis, combining academic insights with practical industry expertise to reduce costs.	02/18 – 02/20 University of Tennessee 09/16 – 09/18 University of Tennessee

SAP for Maintenance Planners <i>(Marshall Institute)</i>	Enhance your Maintenance Planners' efficiency with our SAP for Maintenance Planners virtual course, providing targeted training on SAP functionalities, screen configurations, and how they relate to daily planning tasks, benefiting planners and their managers to generate better planned work packages.	This training can also be very helpful for Managers that have Planners reporting to them, so they better understand what Planners should know regarding SAP, to help the Planners generate better quality planned work packages.	TBD
Shutdown Turnaround Optimization Program <i>(IDCON)</i>	Optimize your shutdown/turnaround processes and minimize downtime with our Shutdown Turnaround Optimization Program, guiding you through a 6-step process to align with business goals, maximize resource utilization, and enhance communication for improved efficiency.	This program is tailored for maintenance and operations professionals aiming to optimize shutdown and turnaround processes, reduce downtime, and improve efficiency through a structured 6-step approach that aligns with business goals and enhances resource utilization and communication.	01/23 – 01/24 University of Tennessee 05/21 – 05/22 Raleigh, NC
Strategic Implementation in R&M “Boot Camp” <i>(RMC)</i>	Elevate your reliability and maintainability (R&M) initiatives with our Strategic Implementation and Leadership in R&M Bootcamp. Designed for leaders and teams, this course delves into business excellence.	The Strategic Implementation and Leadership in R&M Bootcamp course is for any person planning, implementing or leading a reliability and/or maintainability initiative.	03/11 – 03/13 Nashville, TN 06/10 – 06/12 University of Tennessee 08/05 – 08/07 Troy, MI 10/14 – 10/16 Little Rock, AR
Supervising Maintenance <i>(Marshall Institute)</i>	Unlock your full potential as a Maintenance Supervisor with Marshall Institute's specialized course, designed to transform supervisory skills into effective leadership for a top-performing maintenance team.	Unlock your full potential as a Maintenance Supervisor with Marshall Institute's specialized course, designed to transform supervisory skills into effective leadership for a top-performing maintenance team.	TBD
Technician Core Concepts <i>(People & Processes)</i>	Through our 3-day Core Concepts Course, you can equip your Maintenance and Reliability Technicians with essential skills and globally recognized CMRT certification, fostering workforce development and enhancing organizational reliability and profitability.	This course is ideal for Maintenance and Reliability Technicians seeking to build foundational skills and obtain the globally recognized CMRT certification, as well as organizations aiming to enhance workforce development, reliability, and profitability.	10/21 – 10/23 University of Tennessee
Transitioning Your Workforce to Industry 4.0 <i>(RMC)</i>	Join our three-day interactive course to transition your workforce to Industry 4.0. You'll gain hands-on experience with predictive maintenance, digital technologies, and best practices for maximizing reliability, maintenance, and ROI.	This course is ideal for maintenance and reliability professionals, as well as organizational leaders, seeking to equip their workforce with the skills and knowledge needed to transition to Industry 4.0, including predictive maintenance and digital technologies for improved efficiency and ROI.	TBD
Ultrasound Level I <i>(UE Systems)</i>	Enhance your expertise with our 32-hour comprehensive Airborne Ultrasound Technology course, which conforms to ASNT and ISO standards and is taught by leading pioneers and experts in the field.	Enhance your expertise with our 32-hour comprehensive Airborne Ultrasound Technology course, which conforms to ASNT and ISO standards and is taught by leading pioneers and experts in the field.	04/28 - 05/02 University of Tennessee
Ultrasound Level II <i>(UE Systems)</i>	Enhance your expertise with our 32-hour comprehensive Airborne Ultrasound Technology course, which conforms to ASNT and ISO standards and is taught by leading pioneers and experts in the field.	Enhance your expertise with our 32-hour comprehensive Airborne Ultrasound Technology Level II course, designed to meet ASNT and ISO standards and delivered by leading pioneers and experts in the field.	11/03 - 11/07 University of Tennessee
Vital Leadership I <i>(UT-CIS)</i>	The Vital Learning Essential Skills Of Leadership training course is the preliminary step in developing successful supervisors, team leaders and managers.	This course is designed for aspiring supervisors, team leaders, and managers looking to enhance their leadership skills and boost team productivity.	TBD
Weibull Analysis 3-Day Virtual Course <i>(Bathtub Software)</i>	Unlock the power of Weibull analysis in our comprehensive three-day course, which covers everything from basic concepts to advanced applications using Weibull software.	Engineers responsible for reliability, safety, supportability, maintainability, materials, warranty, life cycle cost, design, structures, instrumentation, and logistics will find these Weibull techniques extremely useful.	08/12 – 08/14 Virtual Course

ON-SITE TRAINING

Our instructors can come to your location and train your team right in your workspace, or you can send your team to our Knoxville location. You can choose the topics and format that suit your needs best:

Reach out to us today for the training your team needs to succeed!

» <https://rnc.utk.edu>