

MASTER CLASS LEAN MRO

AVIATION ACADEMY

AMSTERDAM, 12-16 DECEMBER 2016



AMSTERDAMUAS.COM/LMRO

MORE FLOW AND LESS WASTE IN YOUR MRO ORGANISATION?

CRITICAL IN TODAY'S TRANSPORT ENVIRONMENT

Applying LEAN in the Maintenance, Repair & Overhaul environment of transport systems is significantly challenging. The University of Tennessee Center for Executive Education and the Aviation Academy of the Amsterdam University of Applied Sciences are proud to co-host: LEAN MRO Amsterdam 2016.

DURING THIS COURSE YOU WILL:

- ▶ Understand how to eliminate waste
- ▶ Learn to create flow and respond quickly to customers
- ▶ Apply LEAN principles plus Theory of Constraints
- ▶ Experience hands-on methodology with industry-experienced faculty

Location

Amsterdam, The Netherlands

Date

12-16 December 2016

Participation fee

€ 3,500

URL

amsterdamuas.com/lmro

For more information please contact ms. Gieta Inderdjiet at
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PARTICIPANT PROFILE

This course targets managers, engineers, LEAN change agents, and others involved in implementing LEAN concepts in Maintenance, Repair and Overhaul (MRO) organisations.

COURSE SETUP

The third edition of this unique course is still the first of its kind to focus exclusively on MROs. The course will address eliminating waste, improving quality, creating flow, and enhancing responsiveness to customer needs in the MRO environment. The participants will gain insight into how to apply lean principles in the MRO world.

The course teaches the principles of both LEAN enterprise and the Theory Of Constraints, combining presentations with extensive participant discussion. You'll share ideas, collaborate with other participants, and engage in hands-on simulations that illustrate LEAN principles specific to MRO.

You'll learn how to address the specific problems your MRO organisation faces:

- ▶ High variability in demand
- ▶ Uncertainty in work scope and material requirements
- ▶ Unpredictable response times from support operations and external suppliers
- ▶ Difficulty in managing shared resources
- ▶ Physical restrictions on movement of work
- ▶ Restrictions requiring repaired parts to be returned to the original assembly
- ▶ Implications of the diagnosis-scheduling/dispersal/backshop/assembly/test sequence
- ▶ Bottlenecks
- ▶ Complex and unpredictable flow paths

In offering you an integrated approach that shows how LEAN works together with the Theory Of Constraints. We'll give you a set of proven tools that will make your organisation more competitive.

COURSE INSTRUCTORS

Course instructors are faculty of the University of Tennessee's College of Business Administration and the Aviation Academy of the Amsterdam University of Applied Sciences. The University of Tennessee has over 20 years of experience applying LEAN, specifically within MRO organisations. The Aviation Academy is at the forefront of LEAN MRO research in SME's.

Dr. Melissa Bowers is Professor of Management Science at the University of Tennessee. Missie's research interests include production planning and scheduling, production and operations management, and vehicle routing. She also teaches the MBA, Aerospace MBA and MS programs at Tennessee.

Dr. Mandyam Srinivasan holds the Pilot Corporation Chair of Excellence. Srinu has many years of experience working with leading automobile manufacturers. He has published in a wide range of academic and professional journals and is the author of the books Streamlined: 14 Principles for Building and Managing the Lean Supply Chain and Supply Chain Management for Competitive Advantage: Concepts and Cases.

Dr. Robert J. de Boer is currently professor Aviation Engineering at the Amsterdam University of Applied Sciences. His research interests focus on human performance and process improvements in complex environments. Robert's previous experience includes operational and engineering management at Unilever and Fokker Technologies.

Arjan Stander is currently senior consultant MRO at ADSE. Arjan's work focuses on optimization of maintenance organizations. Arjan has held various Maintenance & Engineering related positions within the airline industry and was part of the Amsterdam university of applied sciences' teaching and research program from 2009 to 2016.

ABOUT THE AVIATION ACADEMY

The Aviation Academy performs practical scientific research relating to real-life cases and problems in the aviation sector, focusing on safety, MRO process improvement, composites and aviation capacity. Our goal is to improve and innovate professional practice. We perform all of our research projects in close cooperation with industry, governmental agencies and scientific institutions or universities. This ensures a solid connection with state-of-the-art scientific knowledge, as well as a focus on the most urgent and current problems and challenges on the shop floor.

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"This course will improve my effectiveness as a continuous improvement practitioner"

Course participant from 2014



