What People are Saying About U-M Lean Product Development

“Well documented content, good practical examples, and an instructor with strong knowledge of the material.”

“It was presented with lots of actual examples of how other companies are using Lean PD.”

“The course material was useful and something I will implement in my daily work.”

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Accelerate Your Product Development and Maximize Your Customer Value

Learn essential strategies and key tools that will decrease time-to-market, reduce waste, streamline product development processes, enhance product quality, and fully integrate new product designs into a Lean production environment.

Real-World Case Studies, Real-World Companies

We demonstrate tools and concepts with case studies from real companies with complex situations—just like yours.

About Michigan Engineering and Integrative Systems + Design

The University of Michigan’s College of Engineering was founded in 1853. Today, Michigan Engineering and its academic departments rank in the top ten in their respective areas (U.S. News and World Report). The faculty’s ongoing research and industry consultation in engineering contribute to Michigan’s strength and impact on professional development. Michigan Engineering’s research expenditures for fiscal 2014 totaled $217.9 million, placing it in the forefront of collegiate engineering research in the U.S.

Integrative Systems + Design (ISD) (formerly known as Interdisciplinary Professional Programs), a division of Michigan Engineering, offers credit courses to students on campus and at locations around the world. Recognized as a global leader in online education in addition to offering on campus programs, ISD provides lifelong learning to technical professionals, and has served more than 100,000 with intensive short courses, conferences, professional certifications, and online advanced degree and certification programs.

ISD responds to the needs of industry, healthcare, government, the military, and non-profit organizations with specialized education programs.

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Questions? Email meonline@umich.edu

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Instructor

John Drogosz, Ph.D

Experienced Lean Consultant having coached many companies on the Lean Product Development journey including leading numerous Rapid Improvement workshops at Northrop Grumman Ship Systems and Value Stream Mapping Workshops at Johnson Controls and Harley-Davidson. A Six Sigma Black Belt who has contributed to several books and articles related to Lean and a teacher of Lean accounting, Lean engineering and Lean manufacturing at the University of Michigan.

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- Introduction to the Toyota Product Development System
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- Overview of Lean processes (such as Kentou, set-based, concurrent engineering) within a Lean Product Development system
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- People systems: Chief Engineer and technical skills

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- Introduction to value stream mapping
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- Incorporate Lean Product Development principles
- Mapping the future state
- Creating an implementation plan

Problem Solving and A3 Thinking
- Apply Plan-Do-Check-Act to a real world problem you are facing today
- Step-by-step coaching using the A3 methodology

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- Case studies presented by former attendees
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- Apply Lean tools and techniques to the product development process
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Certificate
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Register Today!
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Learn how to achieve results that will save time and money with methods, tools, and processes derived from years of research based at the University of Michigan.

See how it works through experience with a practical hands-on two-stage simulation that condenses the typical product development cycle.

Hear what happens when former students present a case study based on how they applied the techniques in their facility.

2015 Program Dates
• May 4–8
• September 21–25
Ann Arbor, Michigan
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