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Introduction to Lean Product Development

LEARN ESSENTIAL STRATEGIES AND TOOLS THAT WILL DECREASE TIME-T0-MARKET, REDUCE WASTE AND STREAMLINE THE PRODUCT DEVELOPMENT PROCESS. LEARN HOW TO INTEGRATE NEW PRODUCT DESIGNS INTO A LEAN PRODUCTION ENVIORNMENT WITH IMPROVED PRODUCT QUALITY AND PRODUCTIVITY.

Overview: This 24-hour course presents Lean philosophies, tools and methods essential to the New Product Development Process. Collectively, these objectives will prepare you to implement Lean Product Development in your organization and bring new products to market more effectively. Attendees can expect to see Product Development improvements to quality, delivery and productivity far exceeding expectations and current baseline measures. You can also expect better communication, cooperation and collaboration and a new outlook toward improvements to your New Product Development Process.

Lean principles and tools traditionally applied in manufacturing can be applied to the process of developing new products. Lean Product Development aims to eliminate waste in the development process by improving leadership, teamwork, communication and simultaneous development. Learn the 6-Phases and 7-Steps of the New Product Development Process and the 3 Dimensions and 13 Principles of Lean Product Development.

After taking this class attendees will be able to:
- ✓ Describe major pain areas during a traditional New Product Development (NPD) Process
- ✓ Learn the 7 wastes of Product Development
- ✓ Describe Impediments to flow in the New Product Development Process
- ✓ Learn 7 Steps and 6 Phases of New Product Development
- ✓ Explore the 3 Dimensions and 13 Principles of Lean Product Development
- ✓ Discover better LPD Tracking Metrics
- ✓ Describe the Benefits of Lean Product Development
- ✓ Create an improvement plan to move from the current NPD process to a new LPD process

Who should attend? This course is intended for individuals who have a basic understanding of Continuous Improvement and are seeking to dramatically improve their New Product Development process. It is especially relevant for managers, engineers, and others who would like to learn a powerful way to bring new products to market faster with better collaboration and communication, better quality and better productivity.

Time Commitment? *24* hours (combination of classroom and hands-on activity)

Course Outline:
- A LPD System Overview
- The Process Subsystem
- The People Subsystem
- Tools & Technology Subsystem
- Creating a Coherent System
- Rapid Project Execution
- Focus on Continuous Improvement
- Application Exercise