LEAN BASICS CERTIFICATE

Lean is a system designed to reduce waste and increase efficiency in manufacturing and other work environments. Lean processes include arranging work cells to reduce unnecessary movement, mistake-proofing work operations, standardizing work, and reducing or eliminating delays between steps in work operations.

To help individuals learn key Lean fundamentals, The Ohio State University ATI, in conjunction with Tooling U SME, has developed the Lean Basics Certificate.

This certificate program includes 17 one-hour online courses (to be completed over a 90-day period) covering key Lean fundamentals for manufacturing and other work environments. These courses guide users through Lean terminology, principles, and practices, and help users adopt Lean in their own workplace.

After successful completion of all 17 online courses (passed with an 80% or higher) students will receive an electronic certificate of completion.

Certificate program includes the following courses:

LEAN MANUFACTURING OVERVIEW 101
MANAGING FLOW 124
IDENTIFYING AND ELIMINATING WASTE 125
DEVELOPING A LEAN CULTURE 135
TOTAL PRODUCTIVE MAINTENANCE 141
5S OVERVIEW 151
INTRO TO SIX SIGMA 171
TROUBLESHOOTING 181
CONDUCTING KAIZEN EVENTS 191

METRICS FOR LEAN 231
PROCESS FLOW CHARTING 241
STRATEGIES FOR SETUP REDUCTION 251
TOTAL QUALITY MANAGEMENT 261
VALUE STREAM MAPPING: THE CURRENT STATE 301
VALUE STREAM MAPPING: THE FUTURE STATE 311
MAINTAINING A CONSISTENT LEAN CULTURE 330
TRANSFORMING LEAN INTO BUSINESS RESULTS 340

PRICE: $199

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For more information, call Kim Sayers, 330-287-0100, or email sayers.1@osu.edu.