

MS IN LEAN MANUFACTURING

This program is available online.

One of a kind – Developed in Partnership with General Motors

Kettering University's online Master of Science in Lean Manufacturing emphasizes engineering and practical application of theory and is the only program of its kind. What better place to learn modern manufacturing process knowledge and Lean Six Sigma skills than the university that taught the brightest minds in automotive manufacturing? Kettering University's online Lean Manufacturing degree was developed in collaboration with General Motors to provide the skills needed to improve quality output, streamline processes and reduce waste. General Motors employees who complete the Capstone course bring the results of this course back to the company to share waste reduction and cost savings ideas. Within a ten year period the program is reported to have saved General Motors over \$30M.

The curriculum for the Lean Management program involves 10 courses totaling 40 credit hours including:

- Seven core courses for 28 credits, plus
- Three certificate courses for 12 credits

Code	Title	Credit Hours
MFGO-601	Globally Integrated Manufacturing Company	4
MFGO-619	Six Sigma: Introduction to DMAIC	4
MFGO-633	Lean Production Systems	4
MFGO-635	Work Analysis for Lean Production Application	4
MFGO-639	Quality Assurance and Reliability	4
MFGO-649	Metrics for Lean Production Improvement	4
MFGO-659	Integrative Capstone Project	4
<i>Credit Hours Subtotal:</i>		28

Certificate options are Global Leadership, Lean Principles for Healthcare, Operations Management , Supply Chain Management Level I & Level II and Management and Leadership.