



For manufacturing organizations looking to dramatically reduce scrap, rework, complexity, defects, delays, and other forms of waste in business and transactional processes

## Lean Six Sigma Yellow Belt for Manufacturing

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### *Course Overview*

Participants in this course will learn the fundamental Lean Six Sigma philosophy and how to apply the tools and methods in their work place on a daily basis. Participants will learn how to identify improvement opportunities and be a valuable resource within Lean Six Sigma project teams led by Green Belts and Black Belts. On completion of this program participants will be able to:

- Use Lean Six Sigma terms and concepts to communicate with others with an emphasis on voice of the customer, critical to quality, speed and non-value-added
- Explain each phase of the Lean Six Sigma **Define, Measure, Analyze, Improve and Control** (DMAIC) methodology.
- Map a process, understand inputs and outputs and that every organization is a collection of processes.
- Explain the role of the Yellow Belt in the context of all other Six Sigma roles (Black Belt, Green Belt, Champion, etc.)
- Understand the organization's improvement project pipeline strategy - selection process, prioritization and tollgate process
- Learn the Six Sigma tools most widely used in manufacturing applications:
  - Define Tools – Metrics, structured brainstorming, SIPOC, process mapping, I/O analysis
  - Measure Tools – Cause-and-effect matrix, FMEA, data collection, cost of poor quality
  - Analyze Tools – Pareto charts
  - Improve and – Solution Design Matrix
  - Control Tools – Control Charts

### *Course Duration*

This program will take two-days (16-hours) to complete.

### *Who Should Attend*

This course is for people who want to learn the fundamentals of the Lean Six Sigma Black Belt methodology and apply it in a manufacturing environment.

### *Training Course Fees*

ETI Group can present this training program at your facility. Your cost, including workbooks for up to twelve participants is \$4,000. Additional participants, up to a maximum of eighteen people will cost an additional \$175 per person. The training program can also be “tailored” to meet the specific learning needs of your organization. For more information, please contact: