

# LEAN VALUE STREAM MAPPING

This course requires participants to have a basic understanding of lean manufacturing concepts. You will learn to assess the current state of the apparel manufacturing operational process from door to door. This methodology provides an accurate snapshot of all the value and non-value added activities in the production process, enabling you to design its future state. You can then easily focus improvements through process razing where a series of Kaizen events can be conducted to eliminate wastes, improve quality and increase productivity.

## PERFORMANCE OUTCOMES

- Establish lean project team and visual project office
- Define key performance indicators and metrics to measure
- Identify product family to conduct operations routing analysis
- Apply operations scanning and process razing to eliminate non-value added activities
- Draw Value Stream Map
- Assess organization's current state and design its future state
- Identify potential increase in productivity

## ENTRY REQUIREMENT

- Currently working in the apparel industry or aspire to work in the apparel industry
- Possess university, diploma or high school certificate
- Ability to read, write and comprehend English proficiently
- Basic computing skills and knowledge of Microsoft office
- Competency in "lean thinking"
- Secondary school maths literacy or equivalent

## COURSE FEE

|                         |             |
|-------------------------|-------------|
| <b>Non-GMAC Members</b> | USD\$380.00 |
| <b>GMAC Members</b>     | USD\$330.00 |

## COURSE DURATION

|                         |    |
|-------------------------|----|
| <b>Training Hours</b>   | 30 |
| <b>Assessment Hours</b> | 4  |
| <b>Total Hours</b>      | 34 |

## GRADUATION REQUIREMENTS

Student must fulfil the following requirements:

- 75% attendance rate of total training hours per module
- Assessed and be competent for every module

## CERTIFICATE ISSUANCE

Upon successful completion of the course, student will be awarded the CGTI Certification which is nationally endorsed and recognised by industry partners.

## ATTITUDE AND KNOWLEDGE

- LEAN Definition
- Product Family and Operations Routing Analysis
- Assessment Tools, KPIs and Metrics
- Roadblock Analysis and Real Life Practice
- Kaizen Events & Measurement Systems
- Value Stream Maps

## WHO SHOULD ATTEND

- Industrial Engineers
- Industrial Technicians
- Work Study Officers
- Factory Managers
- Supervisors

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# APPLY NOW

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