

Certified Lean Six Sigma Green Belt (63 hrs)

(This programme is conducted in partnership with SQ Centre)

This programme imparts a sound knowledge and understanding of the Lean Six Sigma (LSS) concepts and tools. It is a customer focussed, data driven approach to optimise products, processes and services.

To achieve breakthrough level results from LSS initiatives, organisations need to develop critical mass of people speaking the same language and using the same roadmap. LSS Green Belts are the people who are equipped with the right tools and techniques to implement LSS projects in their respective work areas.

This programme provides fundamental knowledge of Lean and Six Sigma and participants learn how to integrate elements of Lean and Six Sigma to harness both strategies to full potential.

This course is built on the Certified Six Sigma Green Belt with an additional week's training on Lean Thinking.

KEY BENEFITS

- Learn the Lean Six Sigma (LSS) methodology, tools and techniques.
- Learn to apply LSS for continuous improvement work and solve real life problems.
- Acquire the knowledge and skills to implement LSS projects
- Ability to lead LSS project teams to achieve breakthrough results.
- Be recognized as Lean Six Sigma professional.
- Learn to do statistical data analysis using Minitab software.

COURSE CONTENT

Week 1 – Define, Measure

- LSS overview and DMAIC roadmap
- LSS measurements
- Project selection and chartering
- Process mapping
- Basic tools/basic statistics
- Process behaviour charts
- Capability studies and baseline

Week 2 – Analyze, Improve, Control

- Failure mode and effects analysis
- Multi-vari studies
- Measurement System Analysis (MSA) for continuous variables
- Attribute agreement analysis
- Correlation and regression
- Design of Experiment (DOE)
- Control plan

BUSINESS FUTURE

C O N S U L T I N G

Week 3 – Lean Thinking

- Lean principles and tools
- Value stream mapping
- Capacity planning
- Production planning
- Queuing theory
- Reducing 7 wastes through 5S

LEARNING METHODOLOGY

Various interactive activities, group discussions, class exercise and real life case studies are used to enable participants to learn the concepts, tools and techniques. Laptops provided in classroom for every participant to learn Minitab software and do statistical analysis.

Participants are strongly encouraged to work closely with our in-house consultants (LSS experts) for guidance on their project work.

WHO SHOULD ATTEND

Managers, engineers, technical staff, process owners, quality professionals, preferably diploma holders and above with minimum two years of work experience.

CERTIFICATION (OPTIONAL)

Certification Criteria:

- Participants are required to attend the full three weeks LSS Green Belt training course and also pass the theory exam conducted by Service Quality Centre.
- Complete minimum one LSS Green Belt project as a project lead.
- The project must meet the certification criteria determined by our in-house LSS Consultant/Certification Panel.

COURSE DETAILS

Full-Time Training –

2016 Training Schedule	
Jul	Sep
Wk 1 – 25 to 27 July	Wk 1 – 5 to 7 Sep
Wk 2 – 22 to 24 Aug	Wk 2 – 3 to 5 Oct
Wk 3 – 19 to 21 Sep	Wk 3 – 17 to 19 Oct

Duration : 9 days over 3 months (84 hrs)

Time : 9:00am – 5:00pm

Course Fee : \$3,745.00 (Incl. 7% GST)

Certification Fee : \$374.50 (Incl. 7% GST)

BUSINESS FUTURE
C O N S U L T I N G

Part-Time Training -

2016 Training Schedule
Oct
Wk 1 - 8, 15 & 22 Oct
Wk 2 - 5, 12 & 19 Nov
Wk 3 - 26 Nov, 3 & 10 Dec

Duration : 9 days over 3 months (84 hrs)
Time : 9:00am - 5:00pm (Every Saturday)
Course Fee : \$3,745.00 (Incl. 7% GST)
Certification Fee : \$374.50 (Incl. 7% GST)

Any further enquiries, please contact us at
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