



# Foundations in Lean Six Sigma Certificate

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*Workshop Program Syllabus*



# Foundations in Lean Six Sigma Certificate

## Program Syllabus

Gain a practical understanding of the Lean Six Sigma approach through our *Foundations in Lean Six Sigma Certificate*. Earn the certificate by completing the *Insights of Lean Thinking* and *Driving Forward Change*

Course 01  
*Insights in Lean Thinking* ..... 03

Course 02  
*Driving Forward Change*..... 04

# 01

## Insights in Lean Thinking

### Program Syllabus

#### COURSE OBJECTIVES

- Gain a deep understanding of the Lean approach
- Learn to identify customer value to maximise the value creation
- Ability to deconstruct process and develop improved solutions
- Apply lean tools & techniques to deliver improvements
- Understand how Lean Start-up can help drive innovation
- Synthesize what you learn into actionable project delivery

*Insights in Lean Thinking* is at the heart of what LeanScape is about – the application of the lean approach to maximise customer value and eradicate waste across our processes. This section is an in-depth focus on Lean, the tools, the methodology and the overall approach that has made so many organisations successful. You'll gain practical skills and mindset that will help you solve critical business issues and drive value to customers.

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#### LESSON 01

##### *Customer Value*

Be introduced to the Lean approach, explore the power and importance of creating customer value and how to identify different types of value in what you do.

#### LESSON 02

##### *Identifying Waste*

Practise how to identify activities that do not add value to customers and be able to design environment that support our people and our processes

#### LESSON 03

##### *Learning to See*

Getting beyond our assumptions is a key challenge as we explore how to deconstruct processes and how to build new and more efficient ways of working

#### LESSON 04

##### *Why, Why, Why*

Learning to identify root causes is essential to build real and lasting solutions, so we explore simple and powerful tools designed to tease out the underlying issues

#### LESSON 05

##### *Team Solutions*

No change will ever take place without others, so we explore short and long term solutions and how to lead a team to make lasting change

#### CONCLUSION

# 02

## Driving Forward Change

### Program Syllabus

#### COURSE OBJECTIVES

- Gain a deep understanding of the Lean Six Sigma approach
- Learn the DMAIC approach and how Lean & Six Sigma link together
- Explore various tools that use data based decision
- Get comfortable testing your projects hypothesis
- Explore change management, stakeholder engagement and business delivery
- Be comfortable leading change projects to make a difference

*Driving Forward Change* is a deep dive into the DMAIC problem-solving approach. This section of the course will teach you how to Define, Measure, Analyse, Improve and Control your projects and bring others in on your vision of the future. With your final real-world project challenge you will receive the Foundations in Lean Six Sigma Certificate (Green Belt).

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#### LESSON 01

*Lean & Six Sigma*

An introduction to how Lean & Six Sigma can be used as a joint tool kit for driving successful change across businesses

#### LESSON 02

*DMAIC Intro*

Following an introduction to DMAIC, get comfortable defining and measuring process improvements along with developing project charters and teams

#### LESSON 03

*Analyse to Improve*

Learn how to use data analysis and stats to identify your root cause along with ways to brainstorm improvement ideas and prioritise them

#### LESSON 04

*Control & Sustain*

We wrap up the DMAIC approach learning more about how to control improvements over the long term and how to sustain the gains achieved

#### LESSON 05

*Operation Excellence*

Learn how to build constant feedback and learning cycles that provide the foundation for long term continuous improvement, both at team level and across entire businesses

#### CONCLUSION

*Choose your challenge*

A final project that follows the DMAIC or A3 problem-solving approach and highlighting your plans for the future



*“Lean Six Sigma isn’t just a method – it fundamentally challenges the way you run your organization and tests us all to improve what we do ... every day”*

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Reagan Pannell

*Founder of LeanScape & MBB*

[Learn more about the LeanScape Foundations in Lean Six Sigma Certificate.](#)

*For any other questions, reach out to us at [masterclass@leanscape.io](mailto:masterclass@leanscape.io)*