

# Lean Six Sigma Yellow Belt



# Overview

Lean Six Sigma is a management approach to business performance improvement that has blended the two individual specialisms of Lean and Six Sigma.

The focus of Lean is about speed, efficiency and taking waste out of a process. Six Sigma focuses on effectiveness and removal of errors. When combined and implemented properly it can be a powerful management tool that can greatly improve an organisation's performance, by providing a structured approach to resolving problems. Lean Six Sigma can help you to bring about rapid improvements, whether in a manufacturing or service-based context. This course will help your organisation achieve the qualitative benefits of Six Sigma, but at a greater speed by applying Lean at the same time.





# Key Topics

## Continuous Improvement

The history of quality management. The relationship between Lean and Six Sigma. Continuous Improvement values, principles, roles and responsibilities. Identifying customer value.

## Policy Development and Deployment

Establishing a vision and a transformation roadmap. Organisational culture. Change management approaches. The cost of quality.

## Project Management

Selecting projects. Developing a project charter. Process improvement roadmaps.

## Creating a Solid Foundation

Establishment of good working practices based on an organised and safe work environment, standardised work, and a solid quality management system.

## Creating a Continuous Improvement Culture

Focus on proactive problem solving. Using Kaizen to run small improvement projects. Visualising data using basic quality tools. Management tools used in brainstorming and decision-making.

## Creating Stable and Efficient Processes

Visualising, measuring, and analysing the process flow. Identifying waste and opportunities for improvement. Improving efficiency, effectiveness, and productivity. Eliminating waste, overburden, and unevenness. Controlling quality.

## Creating Capable Processes

Measuring and analysing variations found in stable processes.



# Objectives

The purpose of the APMG International Lean Six Sigma Yellow Belt qualification is to confirm that a participant has sufficient knowledge and understanding of the Lean Six Sigma process improvement methodology and practice to be able to work effectively with, or as a member of, a process improvement team working within an environment supporting Lean Six Sigma.

This course will enable participants to:

- » Explain the role of process improvement in enabling an organisation to move closer to World Class Performance
- » Assist in the establishment of an organised work environment to create a solid foundation for further process improvement programmes
- » Employ a range of techniques and quality tools which will help to create a continuous improvement culture
- » Identify the correct way to set up and execute improvement projects
- » Visualize, analyse and improve the logistical flow of processes - making them more stable, predictable and efficient, effective, productive and agile
- » Apply Six Sigma and statistical tools to collect data and to assure a valid and reliable performance measurement system

## Duration

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/VIRTUAL

2 days



Pre-course work will be sent out 2 weeks in advance of the workshop (or at time of booking if booking less than 2 weeks prior to workshop commencement).

Expected pre-course preparation timeframe: 1-2 hours.

## Exam and Certification

This course includes Lean Six Sigma Yellow Belt exam which consists of:

- » 50 multiple choice questions
- » 64% pass mark (32/50)
- » 60 minutes duration
- » Open book (Climbing Mountain: Lean Six Sigma Yellow Belt textbook permitted, no other materials or calculators permitted)

## Classroom training

One hour exam is taken on the afternoon of day 2 of the course.



# Course Delivery



APMG International administers the Lean Six Sigma examination scheme.

As part of PM-Partners' new integrated learning solution, this course offers students the option to attend our bespoke classroom in person or virtually by dialling in from a remote location. Trainers are skilled at both delivery methods and use the latest in virtual technology to simultaneously provide participants with the same interactive, multi-faceted and challenging learning experience. Whichever delivery mode learners choose, comprehension and recall techniques will be used to provide them with a solid understanding of Lean Six Sigma.

For group bookings, courses can be customised to suit your requirements and conducted onsite at your premises, at our training centre, or virtually.

**Virtual training:** You can learn more about our virtual delivery [here](#).

**Materials:** A comprehensive participant workbook and the textbook 'Climbing the Mountain: Lean Six Sigma Yellow Belt – Mindset, skill set and tool set' (published by LSSA) are provided.



## Who is this course for?

- » Improvement Managers
- » Operational line managers and staff
- » Project Managers
- » Team Managers
- » Change Managers
- » Finance Managers
- » IT Managers
- » HR Managers

### Participants should:

Complete pre-course work prior to the course. Failure to complete pre-course work may mean that you are not ready to fully participate in the course and may limit your ability to gain the outcomes you are hoping to achieve.

## Professional Development Units (PDUs)

Participants who have been awarded the Project Management Professional (PMP)<sup>®</sup> credential by the Project Management Institute (PMI)<sup>®</sup> are eligible to earn PDUs for their participation in these courses as follows: **Classroom/Virtual: 14 PDUs** (12 Ways of Working and 2 Business Acumen)

### CPDs

Participants holding any of the Project Management accreditations (CPPP/CPPM/CPPD) are eligible to earn CPDs as follows: **Classroom/Virtual: 20 CPDs**

# Why learn with PM-Partners?

## Because we turn your career goals into reality.

Poor project skills are consistently quoted as a key reason for project failure. To be successful in project delivery, it's critical to invest in yourself and the capabilities of your team. This means setting clear goals and making a commitment to continuous improvement.

Certification and training is a vital part of this journey. But you need to know which foot to put forward, and when, to ensure you're heading in the right direction. That's where our expert guidance and support comes in.

## Tell us where you want to go

At PM-Partners we start every conversation with the question, 'Where are you trying to go?' We then apply our expertise to show you exactly 'how' to get there.

We believe that having the relevant skills and methodologies is critical to delivery success, and ultimately career success. Depending on your aims, our team of professional development consultants will work closely with you to create a development pathway, or team training program, that aligns with your goals.

## Helping to develop professional capabilities for 25 years

Our accredited programs provide certification and development across a range of globally recognised project management and delivery streams.

Each year, our expert facilitators train and certify more than 12,000 people throughout Australia, New Zealand and South-East Asia to best practice standards. All highly qualified practitioners in their field, they draw from real-life scenarios and their own experience to add real value for individuals, teams and organisations.

## Our promise to you

PM-Partners is committed to providing industry leading education that is relevant, up-to-date and designed to meet your specific needs.

We offer qualifications in multiple disciplines, including key products in PeopleCert's best practice portfolio, such as ITIL®, PRINCE2® Project Management, PRINCE2® Agile Project Management, PRINCE2® Programme Management, Prince2® Portfolio Management, and P3O®; APMG's AgilePM®, AgileBA®, AgilePgM™, Lean Six Sigma, Managing Benefits and Change Management; as well as the Scaled Agile Framework® (SAFe®); and Business Analysis programs from The Australian Chapter of the International Institute of Business Analysis™ (IIBA®), to name a few.

To find out more about how we can help you or your organisation uplift their capability, contact the experts on 1300 70 13 14.



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## Customer story

Listen to Dominic Cain speak about how he went from being a young Chef to a Programme Director.



“

PM-Partners have been leaders in training and professional certification for over 20 years. Our trainers are highly qualified practitioners in their chosen fields.

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