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Course ID: S01-online

LEAN FUNDAMENTALS

Online programme: 2 modules x 4 hours each, with case study project

1. What is this course about?

Join us on this learning journey through structured problem solving using Lean Fundamentals. You will receive simple and effective tips for improving processes, increasing customer satisfaction and lowering costs. The online lean course is made up of a series of short interactive webinars. Each webinar provides an introduction to the topic, some case studies and has an interactive quiz at the end. They are designed to be a practical and fun way to learn about lean. The two 4-hour webinars are run at typically one week apart.

The course content can be tailored to suit your organization, with relevant case studies, quizzes and data sets for assignments. Lean Ireland online lean course designers and facilitators are certified lean six sigma black belts with several years' experience in facilitating lean implementation in a wide variety of sectors. If you'd like more details on customization, please call us or send an email.

2. What will you achieve?

Upon completion of each webinar, you will:

- understand the nature of the lean tool;
- understand the advantages of using the tool;
- understand how and where to use it, and
- you will be enabled to use it in your own workplace.

3. How will you be supported?

On this series of online lean courses, you will

- be able to listen to and interact with the online course tutor and other participants;
- be able to ask questions and complete online quizzes to self-assess your understanding of the topic;
- be able to download all recorded webinars for your own future use, and

- be able to download soft copy presentation files, with data sets and case studies, for your own future use

There is an optional team-based assignment included in the course curriculum. It is a small A3 team-based project. The course is most effective when you work together in teams to complete the A3 project, selected by your organisation or based on a case study provided by Lean Ireland.

4. Webinar agenda

ID and title	Content	Duration
S01 E01 The 7 wastes, problem definition & target setting	Introductions Learning to see Who is Tim Wood and why does he matter? The 7 wastes and continuous process improvement What's your problem? Writing a problem statement Case study review for A3 problem solving project Quiz Data collection and graphing Photographs SIPOC charting Run chart Case study data review Target setting – focusing the team effort Quiz	4 hours
S01 E02 Root cause & Select a countermeasure	Introductions Why? Why? Why? Why? Why? Fishbone analysis Why do human beings make mistakes? Simple error proofing techniques Quiz Introductions Why standardize? 5S: the five pillars of workplace organization Toyota 8 step problem solving - case study review Quiz	4 hours
Project certification review	Team presentation of completed A3 projects.	60 mins

Total contact hours for 2 webinars = 8 hours, plus 1 hour project presentation (optional for certification). The A3 project team presentation follows approximately one week after the two 4-hour webinars.

The Lean Ireland Lean Fundamentals course is hosted on a secure private online learning management system (LMS). In advance of course commencement, participants will be logged into the secure group, where they will have access to course material and recordings.

5. How do you certify (optional)?

An optional Lean Practitioner, Level 1, certificate is awarded to those who have full attendance and work in an online team to complete and present a case study A3 project. The project material is provided either by the client or Lean Ireland, whichever is best suited to the participants' needs. by Lean Ireland. This level of competency reflects the Lean Practitioner, Level 1, in ISO SO 18404:2015 Quantitative methods in process improvement — Six Sigma — Competencies for key personnel and their organizations in relation to Six Sigma and Lean implementation. The certificate is awarded by Lean Ireland.

6. Who is this course for?

This series of webinars is introductory in nature and suitable for all people who are interested in learning about lean teamwork and problem solving. It is particularly suitable for those who are already participating in team based problem-solving projects in the workplace.

7. Tailoring the course for your organisation

The course content can be tailored to suit your organization, with relevant case studies, quizzes and data sets for assignments. Also, the course can be hosted on any other suitable platform you prefer. Please contact us to discuss your needs.

8. Where can you find out more?

Please contact Bernie Rushe at Lean Ireland,
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