



t: 01273 622272 e: info@siliconbeachtraining.co.uk w: www.siliconbeachtraining.co.uk

**silicon
beach**
TRAINING

Root Cause Analysis

Duration: 2 days

Prerequisites

There are no prerequisites for this training course

This intensive two day Root Cause Analysis training is based on the proven Six Sigma performance improvement methodology with a strong focus on analysing the root cause of problems and developing appropriate solutions.

The course will start with the identification, prioritisation and definition of problems. We will then consider how we measure the problem and then use logical, data and process analysis to understand the problem followed by root cause analysis tools. Once we have verified the root cause we will then consider how we identify, evaluate, develop and implement a solution that addresses the root cause of the problem.

The natural tendency of many individuals and organisations when presented with a problem is to jump to a solution, any solution. They do not systematically analyse the problem to determine a root cause before considering potential solutions.

Objectives

After this Root Cause Analysis training course, delegates will be able to:

- Use a structured approach to identifying and defining the problem, determining the root cause through analysis and defining an appropriate solution
- Use a range of logical, data, process and root cause analysis tools to develop an understanding of the problem and identify a root cause
- Understand the importance and approaches to verifying a root cause
- Identify, evaluate and develop solutions that address the root cause of the problem

Course Content

- Identification process
 - Reactive
 - Proactive
- Prioritisation
- Roles and responsibilities
- Problem definition
- Objectives and success measures
- Scope/constraints
- Time scales
- Costs – impact and resolution
- Rich Picture

continued...

Follow Us



Related Courses

Lean Six Sigma Green
Belt: 5 Days

Lean Six Sigma Yellow
Belt: 2 Days

Lean Processes & Tools: 3 Days

Value Stream Mapping: 2 Days

Links

feeds.feedburner.com/sbtblog/
facebook.com/SiliconBeach
twitter.com/sbttraining



t: 01273 622272 e: info@siliconbeachtraining.co.uk w: www.siliconbeachtraining.co.uk

**silicon
beach**
TRAINING

Root Cause Analysis (continued)

Duration: 2 days

Prerequisites

There are no prerequisites for this training course

- Measuring the problem
 - Process and definition
 - Sampling and collection Plan
- Root cause analysis process
- Logical analysis
- Data Analysis
 - Process Analysis
- Failure Mode and Effects Analysis
- Ishikawa diagrams
- Cause and Effect Matrix
- Relationship diagram
- 5 Whys
- Root Cause Hypothesis
- Root cause verification
 - Scatter diagram
- Identify solution
 - Brainstorming Techniques
- Evaluate solutions
 - Impact/effort analysis
- Developing selected solution
- Risk analysis
- Pilot testing
- Implementation planning
 - Force field analysis

Follow Us



Related Courses

Lean Six Sigma Green
Belt: 5 Days

Lean Six Sigma Yellow
Belt: 2 Days

Lean Processes & Tools: 3 Days

Value Stream Mapping: 2 Days

Links

feeds.feedburner.com/sbtblog/
facebook.com/SiliconBeach
twitter.com/sbttraining