Six Sigma Course Syllabus:

Entertaining talk-show style format presented by industry leading experts.

- 40+ hours of virtual training, practice exams, labs, and study.
- Receive a Certificate of completion.
- Presented by highly qualified, industry leading experts.
- 12 Months Access *(Unless indicated otherwise)*
- Self-paced

1

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Description

Six Sigma is a data-driven improvement philosophy that views all activities within an organization as processes whose inputs can be controlled to effect significant improvements in process outputs. Six Sigma uses a rigorous and systematic methodology known as DMAIC (define, measure, analyze, improve, and control) and a number of qualitative and quantitative tools for driving process, product, and service improvements aimed at reducing defects and variation. Companies across various industries are striving to become faster and more responsive to customers, achieve near perfect quality, and operate using world-class cost structures.

Objectives

- Support operating systems.
- Install, configure, and maintain operating systems.
- Maintain and troubleshoot Microsoft Windows.
- Configure and troubleshoot network connections.
- Manage users, workstations, and shared resources.
- Implement client virtualization.

Prerequisites

- Secondary education (high school diploma, associate degree, or the global equivalent).
- Start the computer and navigate the operating system desktop.
- Use Windows Explorer to create directories and subdirectories and manage files.
- Use a web browser to view websites.

Target Audience

- Anyone who would like to manage larger projects and gain more responsibility.
- Anyone who desires to add project management skills to their current role.

Syllabus

Prepare for the Project Management exams with the excellent practice performance-based learning tool. The many simulations mirror the performance-based questions you will see on the real exam. Practice performance-based learning enables you to practice on test questions and assess your skill and knowledge of the material.

- Includes multiple performance-based simulations.
- Requires Windows, macOS, Chrome OS, or Linux (iOS and Android not supported)
- Single-user license

Six Sigma Green Belt

Description

A process is a means of creating and delivering products and services needed by customers. According to Takashi Osada, Japanese author and quality pioneer, if the process is right, the results will take care of themselves. By Six Sigma standards, a right process is one that creates and delivers precisely what the customer needs. By this logic, no Six Sigma effort can start without having a high-level picture of an organization's customers and other stakeholders, their needs, and the business processes meant to fulfill those needs. A thorough analysis of the existing business processes and the products and services they churn out is the first step in Six Sigma projects. You need to listen to the voice of the customer to find out what customers need, identify opportunities for change and improvement, and translate customer needs into goals and customer deliverables. In this course, learners will examine how to analyse process components and stakeholders in an organization. They will also learn about concepts and tools for collecting and analyzing customer information and feedback.

Module 1 Six Sigma And The Organization	1.1 Six Sigma Green Belt Course Overview	1.2 Six Sigma And The Organization Goals Part 1
1.3 Six Sigma And The Organization Goals Part 2	1.4 Lean Principles In The Organization	1.5 Design For Six Sigma
Module 2 Define Phase Project Identification	2.1 Define Phase Project Identification Part 1	2.2 Define Phase Project Identification Part 2
2.3 Define Phase Project Identification Part 3	**Module 3 Define Phase Voice Of The Customer**	3.1 Define Phase Voice Of The Customer Part 1
3.2 Define Phase Voice Of The Customer Part 2	**Module 4 Define Phase Project Management Basics ④ 4.1 Define Phase Project Management Basics Part 1**	4.2 Define phase Project Management Basics Part 2
Module 5 Define Phase Management And Planning Tools ④ 5.1 Define Phase Management And Planning Tools Part 1	5.2 Define Phase Management And Planning Tools Part 2	**Module 6 Define Phase Business Results For Projects ④ 6.1 Define Phase Business Results For Projects Part 1**
6.2 Define Phase Business Results For Projects Part2	**Module 7 Define Phase Team Dynamics And Define Phase Sum mary Review Questions**	7.1 Define Phase Team Dynamics And Review Questions

7.2 Define Phase Summary And Review Questions	**Module 8 Measure Phase Process Analysis And Documentation**	8.1 Measure Phase Process Analysis And Documentation
Module 9 Measure Phase Probability And Statistics	9.1 Measure Phase Probabilty And Statistics	**Module 10 Measure Phase Statistical Distributions**
10.1 Measure Phase Statistical Distributions	**Module 11 Measure Phase Collecting And Summarizing Data**	11.1 Measure Phase Collecting And Summarizing Data Part 1
11.2 Measure Phase Collecting And Summarizing Data Part 2	**Module 12 Measure Phase Measurements System Analysis (MSA)**	12.1 Measure Phase Measurements System Analysis (MSA)
Module 13 Measure Phase Process And Performance Capability And Measure Phase Summary And Review	13.1 Measure Phase Process And Performance Capability And Measure Phase Summary And Review	**Module 14 Analyze Phase Exploratory Data Analysis And Hypothesis Testing**
14.1 Analyze Phase Exploratory Data Analysis And Hypothesis Testing Part 1	14.2 Analyze Phase Exploratory Data Analysis And Hypothesis Testing Part2	**Module 15 Analyze Phase Process Drivers**
15.1 Analyze Phase Process Drivers Part 1	15.2 Analyze Phase Process Drivers Part 2	15.3 Analyze Phase Process Drivers Part 3
Module 16 Improve Phase Design Of Experiment (DOE)	16.1 Improve Phase Design Of Experiment (DOE) Part 1	16.2 Improve Phase Design Of Experiment (DOE) Part 2
Module 17 Improve Phase Root Cause Analysis	17.1 Improve Phase Root Cause Analysis Part 1	17.2 Improve Phase Root Cause Analysis Part 2
17.3 Improve Phase Root Cause Analysis Demo	**Module 18 Improve Phase Lean Tools**	18.1 Improve Phase Lean Tools Part 1
18.2 Improve Phase Lean Tools Part 2	18.3 Improve Phase Lean Tools Part 3	18.4 Improve Phase Lean Tools Part 4
Module 19 Control Phase Statistical Process Control	19.1 Control Phase Statistical Process Control	**Module 20 Control Phase Lean Tools For Process Control**
20.1 Control Phase Lean Tools For Process Control Part 1	20.2 Control Phase Lean Tools For Process Control Part 2	20.3 Control Phase Lean Tools For Process Control Part 3
Module 21 Review Exam Prep And Key Concepts	21.1 Review Exam Prep Part 1	21.2 Review Exam Prep Part 2
21.3 Review Exam Prep Part 3	21.4 Review Exam Prep Part 4	21.5 Review Key Concepts Part 1
21.6 Review Key Concepts Part 2	21.7 Review Key Concepts Part 3	21.8 Review Key Concepts Part 4
21.9 Review Exam Flash Cards	21.10 Six Sigma Green Belt Outro	

Six Sigma Black Belt

Description

Six Sigma is a data-driven improvement philosophy that views all activities within an organization as processes whose inputs can be controlled to effect significant improvements in process outputs. Six Sigma uses a rigorous and systematic methodology known as DMAIC (define, measure, analyze, improve, and control) and a number of qualitative and quantitative tools for driving process, product, and service improvements aimed at reducing defects and variation. Companies across various industries are striving to become faster and more responsive to customers, achieve near perfect quality, and operate using world-class cost structures.

Module 1: Organization Wide Planning and Deployment	Module 2: Leadership	Module 3: Organizational Process Measures and Management
Module 4: Team Management	Module 5: Define Phase Overview of the Define Phase and the Voice of the Customer	Module 6: Define Phase Business Case and Project Charter
Module 7: Define Phase Analytical Tools	Module 8: Measure Phase Process Analysis and Documentation	Module 9: Measure Phase Data Collection
Module 10: Measure Phase Measurement Systems	Module 11: Measure Phase Basic Statistics	Module 12: Measure Phase Probability
Module 13: Measure Phase Process Capability	Module 14: Analyze Phase Measuring and Modeling Relationships	Module 15: Analyze Phase Hypothesis Testing
Module 16: Analyze Phase FEMA and Additional Analysis Methods	Module 17: Improve Phase Design of Experiments (DOE)	Module 18: Improve Phase Lean Method
Module 19: Improve Phase Implementation	Module 20: Control Phase Statistical Process Control (SPC)	Module 21: Control Phase Other Controls
Module 22: Control Phase Maintain Controls and Sustain Improvements	Module 23: DFSS	Module 24: Exam Review Prep and Key Concepts

Practice, Labs, Flash Cards, Quizzes etc.

Practice for the Accounting and Business certification exams include flashcards, quizzes, games and learning modules. Prepare for Accounting and Business performance-based certification exam questions.

- *Click!* interactive graphical exercises.
- *Type!* interactive exercises.
- *Challenge!* interactive identification exercises.

Prepare for the Accounting and Business exam with excellent practice tests. The 100+ questions mirror the questions you will see on the real exam; enabling you to practice on test questions and assess your skill and knowledge of the material.

- Includes over 100 questions.
- Requires Windows, macOS, Chrome OS, or Linux (iOS and Android not supported)
- Single-user license

Testing Features

Quiz and Testing Modes
- Practice Mode: quizzes for each module.
- Exam Mode: just like the real thing, no help, just you and the questions.

Quiz and Test History
- See the date you took each test.
- View final score for each test.
- Review each question, see your answer and the correct answer.

Sample Certificate upon completions of each course

To learn more, contact us at 877-732-6772 or info@lionfishcybersecurity.com

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