

# SIX SIGMA GREEN BELT FOUNDATION & ADVANCED



## DURATION

65+ hours

## DELIVERY FORMAT

eLearning

## ACCESS

12 Months

## EXAM TYPE

Multiple choice quizzes are included and the course is assessed by a case study based examination.

A certificate is awarded on successful course completion.

## PREREQUISITES

None

## LANGUAGE

English



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Study for Six Sigma Green Belt Advanced (level 1 & 2) with this fully accredited interactive course, introducing you to the Six Sigma methodology and how organizational improvement can be delivered by focusing on quantitative methods in process improvement.

## WHO SHOULD TAKE THIS COURSE?

This course will be of benefit to anyone interested in improving processes, organizations, products or services. It is particularly relevant to managers in all types of organizations including manufacturing, service, public sector and voluntary organizations.

## WHAT DOES THE COURSE COVER?

This Advanced Green Belt course is designed to assist you to become a practicing Six Sigma professional. It is a self-contained basis for practicing as a Six Sigma Green Belt, but upon completing the course you can also continue to become a Six Sigma Black Belt.

This course is compatible with the competency requirements of the new international standard for Six Sigma and Lean, ISO18404.

The main objectives of the course is to introduce the ideas behind Six Sigma and the basic tools used in its application, and to provide an advanced appreciation of the Six Sigma Green Belt role.

At the end of the course you should be able to confidently apply Six Sigma principles.

## COURSE SYLLABUS

- Module 0 – Welcome module
- Module 1 - Introduction to Six Sigma,

Quality and Standards

- Module 2 - Defining the Project Mission
- Module 3 - Project Reviews and Management
- Module 4 - Introduction to Statistics and Excel
- Module 5 - Statistical Process Control (SPC)
- Module 6 - Root Cause Analysis
- Module 7 - Bench-marking
- Module 8 - Introduction to Design of Experiments (DoE)

## ACCREDITATION

This course has been approved and accredited by The Royal Statistical Society.



DATA | EVIDENCE | DECISIONS

## QUIZZES & COMPLETION

Our Advanced Green Belt course is assessed by several short end-of-module quizzes, interactive exercises and the submission of a work project to your Six Sigma Tutor.

A certificate of completion is awarded.