

**Six Sigma Certification Courses**  
**In Association With 6sigmastudy**  
**With Proctored On-Line Certification Exam**

**What is Six Sigma?**

Six Sigma is a data driven, customer focused, and result oriented methodology, which uses statistical tools and techniques to systematically eliminate the defects and inefficiencies to improve processes. It is a systematic method to measure and analyze the business processes to identify critical factors affecting business results, thereby improving the processes and establishing controls around the improved processes.

Six Sigma is a widely accepted quality concept in the corporate world today. Six Sigma started its journey in the 1980s as a data driven method to reduce variation in electronic manufacturing processes in Motorola Inc. in the USA. Six Sigma became famous when Jack Welch made it vital to his successful business strategy at General Electric in 1995. Today it is used as a business performance improvement methodology all over the world in diverse industry including general manufacturing, construction, banking and finance, healthcare, education, government, KPO/BPO, IT/ Software. At present IT/ ITES sector companies are dynamically implementing Six Sigma and it is no more confined into manufacturing sector.

The term 'Six Sigma' comes from statistics and is used in statistical quality control (SQC), which evaluates process capability i.e. the numerical measure of the ability of a process to meet the customer specifications. It was originated from terminology associated with manufacturing which refers the ability of manufacturing process to produce a very high proportion of output within specifications. The sigma rating of a process indicates its yield or percentage of defect-free outputs it produces. A Six Sigma process is the one, which produces 99.99966% statistically defect-free outputs, which is equivalent to 3.4 defects per million opportunities (DPMO).

Six Sigma uses a set of quality management and statistical methods and creates a team of experts within the organization (Executive Leadership, Champions, Black belt, Green Belt, Yellow Belt etc.) having specific skill sets required to carry out the Six Sigma project. Each Six Sigma project carried out within an organization follows a defined sequence of phases with quantifiable value targets e.g. reduction in process cycle time, reduce cost,

increase in quality rating/ customer satisfaction index, reduction in defect rate.

**Why Six Sigma?**

6sigmastudy's widely accepted certifications help individuals and organizations complete projects with greater efficiency, increase ROI and customer satisfaction.

Many organizations around the globe adopted Six Sigma and Lean to increase quality of the outputs and to reduce cost by means of reducing defects and removing inefficiencies. There are numerous benefits of adopting Six Sigma.

**For Individuals**

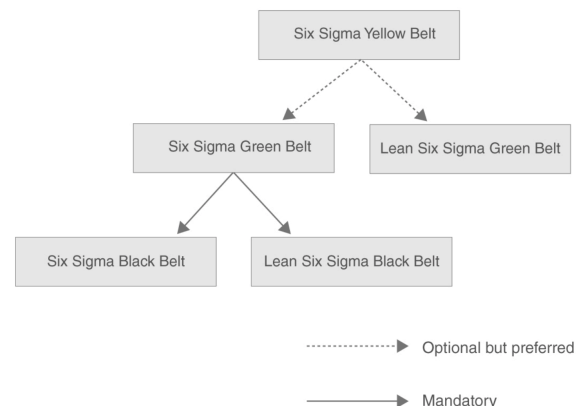
Growing popularity and acceptability of Six Sigma and Lean has created a great demand for certified professionals in the job market. Grab the opportunity and join this growing community.

**For Organizations**

Six Sigma and Lean certified professionals help organizations with improved level of project management that leads to increased ROI.

**6sigmastudy Certification Hierarchy**

6sigmastudy certified professionals help organizations with improved level of processes and quality outputs that lead to increased ROI. They have knowledge pertaining to and can anticipate issues related to the practical implementation of Six Sigma.



**Six Sigma Yellow Belt (FREE COURSE):**

The Six Sigma Yellow Belt course is tailored to help anyone interested to know what Six Sigma is; learn key concepts in Six Sigma; and to get a basic understanding of how Six Sigma framework works in delivering successful projects. This course is included as a part of Free Lifetime Primary Membership. Once the course is completed, the student needs to take an assessment to get the certificate. The purpose of the exam is to confirm you have basic understanding of Six Sigma.

Certification Exam Format:

- Multiple choice  
40 questions for the exam; 28 need to be answered correctly to pass
- One mark awarded for every right answer
- No negative marks for wrong answers
- 60 minutes duration
- Online un-proctored exam

Audience Profile:

Anyone interested in knowing more about Six Sigma can take up this course and exam for free. Send request at [orders@canconsultprojects.com](mailto:orders@canconsultprojects.com); with e-mail address, phone number and full name.

Prerequisites:

There is no formal prerequisite for this course.

**Six Sigma Green Belt (SS-ON-01 & SS-ON-01P):**

Six Sigma Green Belt course focuses on providing students with an understanding of the various Six Sigma tools and techniques useful to improve the production process and minimize defects in the end product with a greater focus on the practical implementation of these tool and techniques in the organization.

Certification Exam Format:

- Multiple choice
- 90 questions per exam
- One mark awarded for every right answer
- No negative marks for wrong answers
- 120 minutes duration
- Proctored online exam

Audience Profile:

This course is highly recommended for employees

and organizations requiring a standardized approach to problem solving for the purpose of continuous improvement in Quality Management.

Prerequisites:

Preferably Six Sigma Yellow Belt (But Not Mandatory).

**Six Sigma Black Belt (SS-ON-02 & SS-ON-02P):**

Six Sigma Black Belt (SSBB) certification focuses on testing students on their comprehensive understanding of the various Six Sigma tools and techniques. The objective of the online value added course (complementary with certification exam) is to develop a comprehensive knowledge base that helps students to function effectively as a Six Sigma Black Belt in various projects. The tools and techniques cover both quantitative and non-quantitative analysis along with other necessary knowledge to improve the production process and minimize defects in the end product with a greater focus on the practical implementation of these tool and techniques in the organization.

Certification Exam Format:

- Multiple choice
- 125 questions per exam
- One mark awarded for every right answer
- No negative marks for wrong answers
- 180 minutes duration
- Proctored online exam

Audience Profile:

This certification is highly recommended for employees, professionals who require developing comprehensive understanding of practical implementation of Six Sigma methodologies with the help of various tools and techniques for the purpose of continuous improvement in processes and products.

Prerequisites:

Six Sigma Green Belt Certification.

**Lean Six Sigma Black Belt (SS-ON-03 & SS-ON-03P):**

Lean Six Sigma Black Belt (LSSBB) certification focuses on testing students on their comprehensive understanding of the various Six Sigma tools and techniques in conjunction with Lean. The objective

of the online value added course (complementary with certification exam) is to develop a comprehensive knowledge base that helps students to function effectively as a Lean Six Sigma Black Belt in various projects. The tools and techniques cover both quantitative and non-quantitative analysis along with other necessary knowledge to improve the production process, minimize inefficiencies and increase with a greater focus on the practical implementation of these tool and techniques in the organization.

Certification Exam Format:

- Multiple choice
- 125 questions per exam
- One mark awarded for every right answer
- No negative marks for wrong answers
- 180 minutes duration
- Proctored online exam

Audience Profile:

This certification is highly recommended for employees, professionals who require developing comprehensive understanding of practical implementation of Lean Six Sigma with the help of various tools and techniques for the purpose of continuous improvement in processes and products.

Prerequisites:

Six Sigma Green Belt Certification.



*Can-Consult Services Inc. is a  
6sigmastudy authorized training  
partner (A.T.P)*