



# **DFSS496 Design for Six Sigma Black**

**Start Date: 3/2/2020 8:00 AM**

**End Date: 5/1/2020 1:00 PM**

## **Course Description**

The SigmaPro Design for Six Sigma (DFSS) Industrial Black Belt certification program has received extremely positive reviews from our clients. This program has been specifically developed to provide industrial personnel who do not have previous Six Sigma experience with a thorough and rigorous treatment of how to design new products and processes. Participants will gain an in-depth knowledge of the most popular DFSS strategies -- Define-Measure-Analyze-Design-Validate (DMADV) as well as the technical tools to support the DMADV DFSS strategy. Hands-on exercises, examples, case studies and group activities all contribute to an effective learning experience for application of DFSS in a true product or process design organization. To facilitate rapid learning and knowledge retention, the training is delivered in four blocks of varying length which are normally separated by one month along with 4 days of coaching by an experienced SigmaPro DFSS consultant. This allows participants to implement classroom learnings on a project pertaining to their job.

## **Candidate Qualifications**

Candidates for this course are typically design or manufacturing personnel who have no previous experience with Six Sigma but plan to manage and execute DFSS projects for product or process design. Previous candidates have come from electronics, automotive, construction, design, defense, as well as other design and manufacturing organizations. An optional Industrial DFSS Black Belt examination may be given at the close of the training. A training certificate will be provided which may be used for recertification credits. Formal DFSS Black Belt certification is granted upon completion of the training course, completion of a DFSS project, and review of the project results by the SigmaPro instructor.

## **Participants Will Learn**

How Six Sigma evolved from a glorified TQM approach to a highly effective improvement strategy for the development of new products, processes and services.

How DFSS can be used to optimize any product portfolio.

How the DMADV DFSS methodology is executed and managed.

How to effectively identify, select, launch and manage DMADV projects.

Detailed analytical tools and methodologies that are involved in the execution of the DMADV process.