



## Lean Manufacturing & Six Sigma Training

TriVista partners with the University of California, Irvine to deliver Lean and Six Sigma training to our customers. Our courses, which vary from half day overview sessions to long-term certification courses to achieve Green or Black Belt Certification, provide participants with an in-depth understanding of the concepts of Lean and Six Sigma.

### Lean Management Overview – Lean 101 for Executive Teams

The purpose of this course is to provide participants with a high-level overview of the concepts of Lean. The foundation of Lean is the systematic identification and elimination of waste from processes. This course will provide participants with a familiarization for identifying, applying and implementing some of the standard Lean process improvement methodologies. It is primarily a course for managers who will lead, or have subordinates leading, Six Sigma and Lean projects.

### Green Belt Certification

Today's organizational leaders are turning to Six Sigma Lean Green Belt training to ensure a competitive edge, improve service and build in the background and skill base needed to initiate and sustain performance improvement. Building on learning objectives, the topics in this program prepare students to be Green Belts and lead or contribute to improvement efforts in services and manufacturing. Green Belts play a vital role within a Six Sigma Lean initiative, building on the Black Belts' efforts in data collection, analysis, process mapping and lean implementation. Six Sigma Lean Green Belt training focuses on problem solving and performance improvement of a well-defined project led by a Black Belt. A Green Belt is a member of a Six Sigma Lean improvement team who has a working knowledge of Six-Sigma and Lean.

The UCI Green Belt Certification program can be custom designed and delivered on-site at your facility over the course of 3 to 7 months.

### Black Belt Certification

During this program, we focus on the principles of Project Management of Lean and Six-Sigma projects, and how to integrate the tools and techniques into an actual project. Project Management is an effective method for producing agreed-upon deliverables within the constraints of schedule, cost and quality. Six-Sigma and Lean are Process Improvement philosophies and methodologies.

When combined, the three methodologies can produce startling results to improve processes. Structured as a series of hands-on workshops, this integrated multi-certificate program builds upon the competencies acquired during the Six Sigma Lean Green Belt program allowing you to obtain one level of certification and return for higher levels of certification as needed. The black belt level provides the tools, methodologies and experience needed to become six sigma and lean certified. The topics covered involve the use of brief lectures, team-based exercises and videos. Team based exercises are used because they allow participants to acquire experience applying the tools and methodologies demanded by the market place.

The UCI Black Belt Certification program can be custom designed and delivered on-site at your facility over the course of 2 to 5 months.

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