

Spartanburg Community College Corporate & Community Education offers leading-edge, professional training to enhance the skills, techniques and knowledge to achieve industry goals. The following classes are available by request. Contact us at 864-592-4900.

Lean Manufacturing – Lean 101 Principles of Lean Manufacturing

5S: 5S is a series of activities designed to improve workplace organization and standardization. These activities, all of which begin with the letter S, include:

- **Sort** through all items and remove unneeded items.
- **Set** in order remaining items, set limits, create temporary location indicators.
- **Shine** or clean everything and use cleaning as inspection.

Standardize the first 3 S's by implementing visual displays and controls: Sustain the gains through self-discipline, training, communication, and total employee involvement. Benefits improve quality, achieve work standardization, decrease changeover time, improve safety, reduce storage costs, cycle time, machine down time and boost employee moral as well as work environment.

- **5S Overview** (8 hours)
Can a stranger identify in five minutes your organization's vision, mission and the key performance measures without your speaking a word? Such an environment begins with the discipline of 5S. Learn about organizing your environment for maximum productivity and profit, the theories behind 5S principles, streamlining your workflow, implementing and sustaining the 5S methodologies. Practice on real world examples and apply them to your own organization.
- **5S Training** (8 hours)
This workshop offers you an opportunity to experience firsthand how the 5S System reduces waste in the mounting plate assembly area of a simulated production facility. Participants learn the concepts of the 5S System and then apply them to transform a cluttered, disorganized production area into a clean, organized, and orderly workplace.

Automotive

- **FMEA, PPAP, APQP, Control Plan** (16 hours)
This comprehensive two-day course covers the requirements for the implementation of the APQP process, the development of design and process FMEAs, and the proper use and preparation of the AIAG PPAP process.

Internal Auditing

- **ISO 9001:2000 Internal Auditor** (16 hours)
This course is designed to train internal auditors for a general understanding of service and covers the requirements of the ISO 9000 standard and methods and applications of the process audit.

- **OHSAS 18000 Internal Auditor** (16 hours)
This two-day course is designed to prepare internal auditors to audit safety compliance and safety systems of a company. The course covers the requirements of the OHSAS 18000 standard and includes audit planning methods and activities.

- **TS16949:2009** (16 hours)
This course is designed to train internal auditors and covers the requirements of the TS standard and methods and applications of the process audit.

Corrective Actions

- **Root Cause Analysis** (16 hours)
This course is designed for anyone who needs to improve their problem solving skills to enhance the corrective action process. It includes a systematic approach to the analysis of problem solving using case studies to walk participants through brainstorming and analytical thought processes needed for an effective solution.

Statistical Process Control (SPC) (24 hours)

This class will give you a basic understanding of the various Statistical Process Control (SPC) techniques, their applications, and the benefits of the different applications for lean manufacturing and quality assurance.