

**LEAN/SIX SIGMA SERIES 6σ**

**Lean 100 Courses**

***Training focusing on specific Lean/Six Sigma topics***

**Lean 100 – Waste Identification & Elimination**

* Focused on teaching how to identify, quantify & drive costly wastes out of current processes
  + Fundamental Lean concepts apply to all business/service sectors & help reduce adverse impact of waste on process velocity and productivity
  + 3-hour course

**Lean 101 – Lean Manufacturing (Simulation)**

* Focused on running, analyzing and improving a simulation air plane factory
  + Hands-on, highly interactive course designed to make Lean Manufacturing principles easy to learn and apply & see process improvements and financial gains
  + 3-hour course

**Lean 102 – Lean Office (Simulation)**

* Focused on running, analyzing & improving a simulation business office
  + Simulation will illustrate how improvements can be gained through the implementation of Lean methods resulting in increased performance & customer satisfaction
  + 6-hour course

**Lean 103 – Value Stream Mapping (VSM)**

* Focused on constructing a VSM and using it to identify improvement projects
  + VSM is a Lean tool that maps material and information flow through processes, clearly identifying & quantifying sources of waste and constraints in systems
  + 3-hour course

**Lean 104 – 5s (Workplace Organization) & Standard Work (Gemba)**

* Focused on learning how these methods help maintain quality, efficiency, safety & predictability
  + Workplace Organization (5s) & Gemba (SW) Methodologies drive workplace efficiency
  + 3-hour course

**Lean 105 – Systematic Root Cause Analysis**

* Focused on helping problem solvers identify differences between special and common cause variation & when to use Six Sigma over other corrective tools
  + Using SRCA tools will help approach and fix special cause problems using efficient techniques
  + 6-hour course

**Lean 106 – Kaizen Event**

* Focused on learning the critical steps of planning, implementing & documenting a Kaizen Event
  + Conduct a mini Kaizen event (highly focused, short-term project to improve a process
  + 3-hour course

**Mini Tab® Software Basics**

* Focused on providing general knowledge needed to navigate through, insert data, analyze data & produce graphs & reports in Minitab 16
  + 6-hour course

***For additional information, contact:***

***Louis Judge, Assistant Vice President, Corporate Education & Economic Development***

***336- 506-4207*** [***louis.judge@alamancecc.edu***](mailto:louis.judge@alamancecc.edu)

***Sheila Bissette, Administrative Assistant 336-506-4151*** [***sheila.bissette@alamancecc.edu***](mailto:sheila.bissette@alamancecc.edu)