SIX SIGMA Yellow or Greenbelt certification
6:00 p.m. weekly (3 credit hours)

♦ Be able to identify customers’ Critical-to-Quality (CTQ) characteristics
♦ Solve problems using DMAIC methodology and toolsets
♦ Increase bottom-line performance through defect reduction
♦ Use the Six Sigma metric
♦ Understand the terms associated with the six sigma process
♦ Use the proper six sigma tools to eliminate defects in any process
♦ Analyze process data using hypothesis and DOE techniques
♦ Develop different levels of controls for processes
♦ Relate six sigma to lean manufacturing/business processes
♦ Determine the Cost of Poor Quality (COPQ) in organizations
♦ Perform Design of Experiments (DOE) to model processes
♦ Implement these and other techniques in a logical, step-by-step manner as prescribed by the Six Sigma methodology & management philosophy in a hands-on industry Greenbelt project.

Who?

Students who want the skills industry desires in new employees!

Lectures - Simulations - Videos – Industry Project