Six Sigma Project
NJIT Continuing Professional Education Course

Importance of Six Sigma Projects
Six Sigma projects serve as a useful tool to help businesses identify key processes, clearly define known or unforeseen problems within an organization, and outline customers needs and wants. A well organized project plays a significant role in the implementation of Six Sigma and will result in a positive financial impact and overall organizational improvement. Project success contributes substantially to the bottom line of the organization by improving quality, reducing costs, increasing customer satisfaction or spurring top-line growth.

About the Six Sigma Project Course
Six Sigma Project is a 6-week course designed to provide students an opportunity to complete a Six Sigma project. Six Sigma projects are used to measure the cost benefit of improving processes that are producing substandard products or services. Whether in manufacturing or service industries, such projects quantify the effect of process changes on delays or rework. The goal of each successful Six Sigma project is to produce statistically significant improvements in a process. Over time, multiple Six Sigma projects can produce virtually defect-free performance. The Six Sigma project uses appropriate tools within a Six Sigma approach to produce breakthrough performance and positive financial benefits to an organization.

Course Information
The class meets once a week for 8 hours. Students have the opportunity to work in teams and select and complete a real world project using a variety of Six Sigma tools. An ASQ Certified Six Sigma Black Belt instructor will guide students in the application and integration of each tool within the project. Students should expect to perform work on the project both during and between class sessions. This course may involve off-campus site trips to the location where the process being improved for the project is located.

Course Hours: 40 Hours
Length of Course: 6 Weeks
CEUs: 4.0

Location: On-Campus
Meets: Saturdays from 9:00 AM - 5:00 PM
Cost: $899

Course Project Examples
Students enrolled in this course are given the unique opportunity to complete any Six Sigma project of their choosing. Examples of previously completed projects include:

• Manufacturing product defect reduction
• Human resources recruitment cycle time reduction
• Reduced accounts payable invoice processing costs
• Reduced Manufacturing machine setup time

Who Will Benefit from this Course?
This course is ideal for any Six Sigma Yellow, Green or Black Belt holder looking to complete necessary project hours appropriate for their certification. The completion of this course will result in each student receiving a Project Affidavit signed by a Project Champion. This Affidavit is a requirement for the Six Sigma Black Belt certification and can be used when applying to take the exam.