INMGT-610 Six Sigma Quality Improvement Methods

Catalog Description:
Overview of Six Sigma quality improvement applications. Application of scientific methods to improve quality of products, service, processes, and management systems.

Objectives:
Upon completion of this course the student will be able to:

• Apply statistical methods to assessing the capability of measurement systems
• Apply management and statistical methods to acquire knowledge about a product or a process.
• Apply management tools and statistical methods to obtain problems in relation to product and process performance.
• Apply statistical and management tools to identify and interpret the root causes and effects quality related problems.
• Apply statistical and other improvement methods to conduct and analyze experiments.
• Identify, design and manage Six Sigma projects.
• Apply statistical methods and human factors to improve product and process reliability and safety.