EL511
Project Management for Engineers

- **Module 1 – Introduction**
  - Overview
  - Course Objectives
  - Set Personal Learning Objectives

- **Module 2 – Stages of the Project Life-Cycle**
  - Overview
  - Objectives
  - Stages

- **Module 3 - Define Your Project**
  - Discovering the Real Story
  - Define Project Parameters
  - Getting Underway
  - Identify Resources
  - Manage Team Meetings

- **Module 4 - Plan Your Project**
  - Mindmap your project
  - Action Planning
  - Gantt Charts
  - PERT Diagrams
  - Contingency Plans

- **Module 5 - Implement Your Project Plan**
  - Make team members able
  - Communication preferences
  - Active Listening
  - Building consensus
  - Providing feedback
  - Difficult behaviors and political maneuvering

- **Module 6 - Monitor Progress**
  - Milestone Charts
  - Budget Control Charts
  - Monitoring performance
  - Use data to provide feedback
  - Realign a project
  - Keeping the Team Motivated
  - Managing Multiple Priorities

- **Module 7 – Evaluate the Project**

- **Module 8 – Implement your Learning**