

EN7921

## Project Management and Quality



**Course Aim** Apply project management processes following internationally recognised project management standards and expand on quality and reliability in engineering.

**Short Title** PM & Quality

**Faculty** EDICT

**Credits** 15

**Pre-requisites** None

**Co-requisites** None

**Anti-requisites** ENB5906, ENB6906, ENB6910, ENB6905

**Version** 2

**Effective From** September 1, 2016

**Indicative NQF Level** 7

**Student Contact hrs** 90

**Self-directed hrs** 60

**Other directed hrs** 0

**Total learning hrs** 150

**Learning**

**Outcomes**

On successful completion of this course, students will be able to:

- 1 Apply specialised level skills using International project management standards to formally Initiate a project and develop project management plans.
- 2 Apply specialised level skills to Execute, Monitor and control work under supervision and formally close a project.
- 3 Apply specialised skills to solve defined engineering situations using quality control techniques (e.g. 6sigma) and reliability engineering.

**NQF Sub-strand**

Practical  
Application of  
knowledge  
  
Practical  
Application of  
knowledge  
  
Practical  
Application of  
knowledge