EN8150 Electrical Utilization

Course Aim
To demonstrate critical knowledge of theories and practical skills in the area of industrial and commercial electrical installation, reticulation systems and lighting design, adhering to industry standards and regulations.

Short Title
Electrical Utilization

Faculty
EDICT

Credits
15

Pre-requisites
EN7008 None

Co-requisites
None

Anti-requisites
None

Learning Outcomes
On successful completion of this course, students will be able to:
1. Design safe electrical installations to a client’s specification and in accordance with Industry safety standards.
2. Design and analyze illumination systems to satisfy the client’s specification and in accordance with Industry standards.
3. Commission an electrically-safe installation using specialist-level testing skills while satisfying the client's requirements.
4. Communicate at a professional standard the proposed solution related to an electrical systems utilization problem.

Version 1
Effective From September 1, 2018
Indicative NQF Level 8
Student Contact hrs 80
Self-directed hrs 90
Other directed hrs
Total learning hrs 150

NQF Sub-strand
Practical
Application of knowledge
Practical
Application of knowledge
Practical
Communication, ICT, Numeracy