Course Aim
To provide students with critical theoretical knowledge and specialist practical skills related to the analysis and design of electrical systems involving electrical drives.

Short Title
Electrical Drives

Faculty
EDICT

Credits
15
EN7032 & EN7008

Pre-requisites
None

Co-requisites
None

Anti-requisites
None

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

1. Demonstrate critical understanding of the theoretical principles of operation of electrical drives.
2. Solve undefined engineering problems by applying advanced level and some complex practical skills for the design and analysis of electrical systems involving electrical drives.
3. Communicate the documentation of electrical systems design in a professional manner with peers and experts.

Version 1
Effective From September 1, 2018
Indicative NQF Level 8
Student Contact hrs 75
Self-directed hrs 75
Other directed hrs
Total learning hrs 150

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