

IT8203

## Systems Administration



**Course Aim** The aim of this course is to enable students to operate with current technologies, tools and techniques in Systems Administration. Students will be able to design server infrastructure to meet the demands of a modern IT Organisation, while demonstrating a critical awareness of industry best practice and norms.

**Short Title** None  
**Faculty** EDICT

**Credits** 15  
**Pre-requisites** IT6004 (ITB5004) & IT7004 (ITB6004)  
**Co-requisites**  
**Anti-requisites**

**Version** 2  
**Effective From** February 2016  
**NQF Level** 8  
**Student Contact hrs** 60  
**Self-directed hrs** 60  
**Other directed hrs** 30  
**Total learning hrs** 150

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

- 1 Demonstrate critical knowledge of systems administration concepts and principles
- 2 Critically evaluate the requirements of an organisation to design an appropriate server infrastructure
- 3 Manage critical server infrastructure using specialist level server system administration skills

**NQF Sub-strand**  
Theoretical  
Understanding  
Theoretical  
Understanding  
Practical  
Application of  
knowledge