| IT7007 | Web Infrastructure 1 |
|---|---|

**Course Aim** The unit will give students an understanding of the development processes of dynamic web application and the associated underlying server infrastructure.

| | | | |
|---|---|---|---|
| Short Title | | Version | 3 |
| Faculty | EDICT | Effective From | February 2016 |
| Polytechnic Level | | Indicative NQF Level | 7 |
| Credits | 15 | Student Contact hrs | 90 |
| Pre-requisites | IT6008 (ITB5008) and IT6005 (ITB5005) | Self-directed hrs | 60 |
| Co-requisites | None | Other directed hrs | 0 |
| Anti-requisites | None | Total learning hrs | 150 |

**Learning Outcomes**

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

1. Demonstrate an advanced knowledge and understanding of the underlying architecture of a dynamic web application.
2. Develop web applications using a range of server-side and client-side technologies.

**NQF Sub-strand**

Theoretical Understanding

Practical Application of knowledge