### 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

None

### Anti-requisites

None

### 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

<table>
<thead>
<tr>
<th>Outcome</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Demonstrate critical knowledge of systems administration concepts and principles</td>
</tr>
<tr>
<td>2</td>
<td>Critically evaluate the requirements of an organisation to design an appropriate server infrastructure</td>
</tr>
<tr>
<td>3</td>
<td>Manage critical server infrastructure using specialist level server system administration skills</td>
</tr>
</tbody>
</table>

### NQF Sub-strand

- Theoretical Understanding
- Practical Application of knowledge

### Notes

- On successful completion of this course, students will be able to:
- Manage critical server infrastructure using specialist level server system administration skills.