IT8406  Database Administration

Course Aim  To develop expertise in the creation and maintenance of an enterprise class database ensuring its availability and security, improving performance and implementing suitable backup and recovery strategies.

<table>
<thead>
<tr>
<th>Short Title</th>
<th>Faculty</th>
<th>Polytechnic Level</th>
<th>Credits</th>
<th>Pre-requisites</th>
<th>Co-requisites</th>
<th>Anti-requisites</th>
<th>Version</th>
<th>Effective From</th>
<th>Indicative NQF Level</th>
<th>Student Contact hrs</th>
<th>Self-directed hrs</th>
<th>Other directed hrs</th>
<th>Total learning hrs</th>
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<tbody>
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<td>EDICT</td>
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<td>15</td>
<td>IT7005 (ITB6005)</td>
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<td>2</td>
<td>February 2016</td>
<td>8</td>
<td>60</td>
<td>60</td>
<td>30</td>
<td>150</td>
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Learning Outcomes

- On successful completion of this course, students will be able to:
  1. Install and configure an enterprise database to provide a solution for a given customer requirement following industry best practices.
  2. Plan and implement security policies and procedures to ensure data integrity.
  3. Perform database maintenance tasks in order to optimize system performance.

NQF Sub-strand

- Practical Application of knowledge

- Practical Application of knowledge

- Practical Application of knowledge