Course Outline

Title: ENTERPRISE SYSTEMS
Code: ITECH5402

Faculty / Portfolio: Faculty of Science and Technology

Program Level:

<table>
<thead>
<tr>
<th>Level</th>
<th>5</th>
<th>6</th>
<th>7</th>
<th>8</th>
<th>9</th>
<th>10</th>
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<tbody>
<tr>
<td>Introductory</td>
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<tr>
<td>Intermediate</td>
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<tr>
<td>Advanced</td>
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Pre-requisites: Nil
Co-requisites: Nil
Exclusions: Nil
Credit Points: 15
ASCED Code: 029999

Learning Outcomes:

Knowledge:

K1. Understand the importance of enterprise systems to support business strategy.
K2. Describe the role of enterprise systems as part of the larger IT infrastructure of large scale organisations.
K3. Investigate conceptual architectures, frameworks and methodologies related to the design and implementation of enterprise information systems.
K4. Evaluate and compare various types of enterprise resource planning (ERP) software solutions and their application in global business contexts.

Skills:

S1. Identify the key integration points between the different business disciplines supporting each business process cycle.
S2. Identify the main suppliers, products and application domains of enterprise wide packages.
S3. Illustrate enterprise systems architectural models.
S4. Coordinate process modelling, improvement, implementation and management approaches in relation to enterprise system environments.

Application of knowledge and skills:

A1. Apply a systems thinking approach to problem solving and decision making to manage enterprise systems.
A2. Demonstrate communication skills to present a coordinated, coherent and independent
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ITECH5402 ENTERPRISE SYSTEMS

exposition of knowledge and ideas in dealing with enterprise systems.

Values and Graduate Attributes:

Values:

V1. Value the need to work collaboratively and autonomously in an enterprise wide workplace context.
V2. Appreciate the scale and complexity of enterprise system packages.

Content:

Topics may include:

- business functions
- business process design
- process modelling, improvement and implementation
- systems thinking
- enterprise content management
- ERP systems
- ERP functional areas
- ERP technology and architecture
- ERP workflow tools
- CRM

Assessment:

<table>
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<tr>
<th>Assessment Task</th>
<th>Assessment Type</th>
<th>Weighting</th>
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<tbody>
<tr>
<td>Develop skills in the analysis and practical application of content introduced</td>
<td>Tutorials/Assignment(s)</td>
<td>30%-50%</td>
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<tr>
<td>Participate in lectures and labs/tutorials, read and summarise theoretical and</td>
<td>Examination(s)/Presentation(s)</td>
<td>50%-70%</td>
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<td>practical aspects of the course</td>
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Adopted Reference Style:

APA

Presentation of Academic Work:

FedUni General Guide to Referencing