**SBM3208 – Information systems design and development**

<table>
<thead>
<tr>
<th>UOS CODE</th>
<th>SBM3208</th>
<th>UOS NAME</th>
<th>Information systems design and development</th>
<th>CREDIT POINTS</th>
<th>STATUS</th>
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**SUMMARY**
The IT community often uses the term "business process" as synonymous with the management of middleware processes; or as synonymous with integrating application software tasks. Business process management (BPM) is a systematic approach to making an organization's workflow more effective, more efficient and more capable of adapting to an ever-changing environment. A business process is an activity or set of activities that will accomplish a specific organizational goal. The goal of BPM is to reduce human error and miscommunication and focus stakeholders on the requirements of their roles. BPM is a subset of infrastructure management, an administrative area concerned with maintaining and optimizing an organization's equipment and core operations.

**COURSE CONVENOR COURSE TUTOR**
TBA

**ASSOCIATED HIGHER EDUCATION AWARD**
- Bachelor of Business

**STUDENT WORKLOAD**

<table>
<thead>
<tr>
<th>No. timetabled hours per week</th>
<th>No. personal study hours per week</th>
<th>Total workload hours per week</th>
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<tbody>
<tr>
<td>5</td>
<td>5</td>
<td>10</td>
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Additional English language support: _ hours per week

**PRE-REQUISITE (course name)**
SBM3103 Mathematics and statistics, SBM3105 Foundations of accounting

**OTHER RESOURCES REQUIREMENTS**
- Subject credit points – 6 credit point
- Total course credit points - 144 credit point

**MODES OF DELIVERY**
- E-learning (online)
- Face-to-face on site
- Distance/Independent learning (untimetabled)
- Full-Time
- Part-Time

**LEARNING OUTCOMES FOR SUBJECT**
1. Demonstrate an understanding of the relationships between accounting processes, information technology, and business practices and activities.
2. Describe the major functions performed by accounting information systems.
3. Define and give examples of business processes and transaction cycles.
4. Demonstrate the ability to map and document information systems.
5. Demonstrate an understanding of how organisations acquire and deploy accounting systems.
6. Identify and assess some of the contemporary ethical issues related to the development and use of accounting information systems.

**ASSESSMENT TASK**

<table>
<thead>
<tr>
<th>TYPE</th>
<th>WHEN ASSESSED – YEAR, SESSION AND WEEK</th>
<th>WEIGHTING</th>
<th>LINKED LEARNING OUTCOMES</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tutorial quizzes</td>
<td>Four quizzes commencing in week three and continuing every three weeks.</td>
<td>20% (5% per each quiz)</td>
<td>1-6</td>
</tr>
<tr>
<td>Practical group exercise and presentation</td>
<td>Presentations commence in week 10 and continue till the end of term.</td>
<td>30%</td>
<td>2,3,4,5 and 6</td>
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</table>
The presentation should:

- identify the organisational need for the system
- identify the key features and functionality of the accounting information system/s
- describe how the systems integrate the different functional areas of the organisation
- evaluate the systems’ effectiveness and discuss any implementation or operational issues.

Presentations should last between 10 to 15 minutes with each group member playing a designated role. A hard copy report of approximately 2500 must be provided to support the presentation. The report should include reference to the roles and contributions of each member of the group.

### Final examination

Examinations assess students’ understanding and comprehension of theoretical and practical knowledge presented throughout the unit. The unit’s final examination will be a three-hour closed book exam and will include a series of multiple choice questions, short answer problem solving exercises, and practical exercises to demonstrate technical proficiency.

The examination is conducted in week following the final week of lectures.

<table>
<thead>
<tr>
<th>PRESCRIBED FOR THE COURSE</th>
<th>SELECTED REFERENCES</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>PRINTED MATERIALS</strong></td>
<td><strong>ONLINE USEFUL SOURCES OF REFERENCES</strong></td>
</tr>
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</table>
| Extensive lectures notes, case study material and other information will be provided on-line as part of this course. | Prescribed text


WEB SITES

No single Web site presents all the necessary knowledge that students need to learn and apply. However, opposite are some useful sites to visit.

Online useful sources of references are:

- Accounting Information Systems
  [http://www.e-articles.info/e/a/title/ACCOUNTING-INFORMATION-SYSTEMS/](http://www.e-articles.info/e/a/title/ACCOUNTING-INFORMATION-SYSTEMS/)
- Association for Information Systems
  [http://home.aisnet.org](http://home.aisnet.org)
- Chartered Accountants
- CPA Australia
- National Centre for Information Systems Research