School of Information Management

INFO 376 ENTERPRISE ARCHITECTURE

Trimester 1, 2016

COURSE OUTLINE

Prescription
The course will enable students to learn the theory and best practices leading to the alignment between business strategy and information technology. Students learn how to analyse, model, design and evaluate enterprise architecture; and how to create effective governance instruments for successful enterprise architecture.

Course Learning Objectives
Students who pass this course should be able to:

1. Analyse elements of Enterprise Architecture, including information, application and service structures;
2. Evaluate methods, models, frameworks, patterns and components of Enterprise Architecture;
3. Use software tools to build, maintain and communicate enterprise-wide models;
4. Design effective policies for successful enterprise information system evolution.

Trimester Dates
From Monday 29th February to Friday 10th June.

Withdrawal from Course
1. Your fees will be refunded if you withdraw from this course on or before Friday 11th March 2016.
2. The standard last date for withdrawal from this course is Friday 13th May 2016. After this date, students forced to withdraw by circumstances beyond their control must apply for permission on an ‘Application for Associate Dean’s Permission to Withdraw Late’ including supporting documentation. The application form is available from either of the Faculty’s Student Customer Service Desks or online.

Names and Contact Details

<table>
<thead>
<tr>
<th>Staff</th>
<th>Contact Details</th>
<th>Room</th>
<th>Office Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Course Coordinator &amp; Lecturer</td>
<td>Janet Toland</td>
<td>463 6861 <a href="mailto:janet.toland@vuw.ac.nz">janet.toland@vuw.ac.nz</a></td>
<td>RH 523</td>
</tr>
<tr>
<td>Lecturer</td>
<td>Thuan Nguyen</td>
<td>463 5504 <a href="mailto:thuan.nguyen@vuw.ac.nz">thuan.nguyen@vuw.ac.nz</a></td>
<td>RH 420</td>
</tr>
<tr>
<td>SIM Undergraduate Support Team</td>
<td>Anette Klaassen Duncan Inkster</td>
<td><a href="mailto:simstudents@vuw.ac.nz">simstudents@vuw.ac.nz</a></td>
<td>RH 521</td>
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</tbody>
</table>
**Course Delivery**

The following schedule indicates the topic of the lectures each week and when deliverables are due.

<table>
<thead>
<tr>
<th>Week</th>
<th>Lead</th>
<th>Topic</th>
<th>Tutorial/WkShop</th>
<th>Deliverable</th>
</tr>
</thead>
<tbody>
<tr>
<td>29 February</td>
<td>Janet/Thuan</td>
<td>What is enterprise architecture? Enterprise architecture case studies.</td>
<td>No Tutorial/Workshop</td>
<td></td>
</tr>
<tr>
<td>7 March</td>
<td>Thuan</td>
<td>Enterprise architecture frameworks e.g. TOGAF, Zachmann.</td>
<td>Tutorial 1</td>
<td>Tutorial Pop Quiz 1.</td>
</tr>
<tr>
<td>21 March</td>
<td>Janet/Thuan</td>
<td><strong>In class Test</strong>&lt;br&gt;TOGAF: Overview of business architecture. <strong>No lecture on Thursday</strong></td>
<td>Tutorial 3 (Mon, Tue, Wed groups)</td>
<td>In class test 1. Tutorial Pop Quiz 2 (Mon, Tue, Wed groups).</td>
</tr>
<tr>
<td>28 March</td>
<td>Janet</td>
<td>TOGAF: Business architecture. <strong>No lecture on Tuesday</strong></td>
<td>Tutorial 3 (Thurs, Fri groups)</td>
<td>Tutorial Pop Quiz 2 (Thurs, Fri groups).</td>
</tr>
<tr>
<td>4 April</td>
<td>Janet</td>
<td>TOGAF: Business architecture.</td>
<td>Tutorial 4</td>
<td>Tutorial Pop Quiz 3.</td>
</tr>
<tr>
<td>4 May</td>
<td>Janet/Thuan</td>
<td>In class test. TOGAF: Implementation governance &amp; migration planning.</td>
<td>Workshop 1</td>
<td>In class test 2.</td>
</tr>
<tr>
<td>11 May</td>
<td>Thuan</td>
<td>TOGAF: Architecture change management.</td>
<td>Workshop 2</td>
<td></td>
</tr>
<tr>
<td>18 May</td>
<td>Janet/Thuan</td>
<td>New developments: service orientated architecture.</td>
<td>Workshop 3</td>
<td>In class test 3.</td>
</tr>
<tr>
<td>25 May</td>
<td>Thuan</td>
<td>New developments: cloud computing.</td>
<td>Workshop 4</td>
<td></td>
</tr>
<tr>
<td>1 June</td>
<td>Janet/Thuan</td>
<td>In class test 4: group research presentations.</td>
<td>Workshop 5</td>
<td>In class test 4 (group presentations).</td>
</tr>
<tr>
<td>Wk. 13</td>
<td></td>
<td></td>
<td></td>
<td>Enterprise architecture plan. 10 June.</td>
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</tbody>
</table>
**Class Times and Room Numbers**
Tuesday 10.30am-11.20am GBLT2
Thursday 10.30am -11.20am GBLT2

**Tutorial/Workshop Signups**
Sign up via myAllocator  [https://student-sa.victoria.ac.nz/](https://student-sa.victoria.ac.nz/)

**Readings**

**The compulsory textbook for this course is:**
The textbook will be available in hardcopy from VicBooks as of Week 3 price $78. It is also available in Kindle format.

**Further useful readings include:**

**TOGAF framework**

**Mandatory course requirements**
In addition to achieving an overall pass mark of at least 50%, students must attend at least 4 out of 6 tutorials and participate in the group presentations

If you believe that exceptional circumstances may prevent you from meeting the mandatory course requirements, contact the Course Coordinator for advice as soon as possible.
If you cannot complete an assignment or sit a test or examination, refer to [www.victoria.ac.nz/home/study/exams-and-assessments/aegrotat](http://www.victoria.ac.nz/home/study/exams-and-assessments/aegrotat)
**Expected Workload**
This is a 15-point course. One point equates to approximately 10 hours of work, for a total of 150 hours for the course. Each week, students are expected to spend about:

- 2 hours in the lectures
- 2 hours preparing for the lecture
- 1 hour in the tutorial/workshop
- 4 hours preparing for the tutorial/workshop
- 3-5 hours preparing the course assignments and studying for tests

**Assessment**

<table>
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<tr>
<th>Requirement</th>
<th>Learning Objective</th>
<th>Due Date</th>
<th>Weight</th>
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<tbody>
<tr>
<td>Tests (4 x 10%) (3 in class tests of approximately 30 minutes) (1 x 10 minute group presentation)</td>
<td>1, 2 &amp; 4</td>
<td>In class Wks. 4, 8, 10 &amp; 12</td>
<td>40%</td>
</tr>
<tr>
<td>Enterprise architecture analysis and modelling (20 hours)</td>
<td>1, 2 &amp; 4</td>
<td>22 April</td>
<td>25%</td>
</tr>
<tr>
<td>Enterprise architecture plan (20 hours)</td>
<td>1 &amp; 3</td>
<td>10 June</td>
<td>25%</td>
</tr>
<tr>
<td>Tutorial pop quizzes (5 x 2%)</td>
<td>1, 2 &amp; 4</td>
<td>In class Wks. 3-7</td>
<td>10%</td>
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Students will work in groups of 3 to 6 people to research and prepare a short presentation for in class test 4 worth 10%, marks will be distributed equally between students in most cases. There will also be an element of group work in the tutorial pop quizzes which will be marked on the basis of individual & group marks.

**Penalties**
The penalty for late submission of work without a prior extension arrangement is a reduction of 10% of the available marks each calendar day, starting from the due date and time, up to 5 days after the due date. At the course coordinator’s discretion, work handed in after 5 days may be assessed and feedback provided, but no grade will be assigned.

**Extensions**
Personal extensions are granted only in special circumstances and supporting evidence such as a medical certificate may be requested by the course coordinator or SIM undergraduate support team.

Non-extendable assessments. For some work, such as: lab projects, case discussion preparation, and tutorial preparation there is no possibility of late submission as the opportunity for the work to be completed has already passed.

**Group Work**
Students will work in groups for the final in class test, this will require 10 hours of work beyond the scheduled class time.

**Use of Turnitin**
Student work provided for assessment in this course may be checked for academic integrity by the electronic search engine [http://www.turnitin.com](http://www.turnitin.com). Turnitin is an on-line plagiarism prevention tool which compares submitted work with a very large database of existing material. At the discretion of the Head of School, handwritten work may be copy-typed by the School and submitted to Turnitin.
A copy of submitted materials will be retained on behalf of the University for detection of future plagiarism, but access to the full text of submissions will not be made available to any other party.

**Student Feedback**
Note that this a new course and consequently no student feedback from past courses is available. Student feedback on University courses may be found at:
www.cad.vuw.ac.nz/feedback/feedback_display.php

**Class Representative**
A class representative will be elected in the first class, and that person’s name and contact details made available to VUWSA, the course coordinator and the class. The class representative provides a communication channel to liaise with the course coordinator on behalf of students.

**Communication of Additional Information**
Additional information or information on changes will be announced in class, posted on Blackboard and/or e-mailed to students, depending on the situation. It is imperative that students monitor Blackboard regularly as well as their student e-mail accounts.

**Link to general information**
For general information about course-related matters, go to http://www.victoria.ac.nz/vbs/studenthelp/general-course-information

**Note to Students**
Your assessed work may also be used for quality assurance purposes, such as to assess the level of achievement of learning objectives as required for accreditation and academic audit. The findings may be used to inform changes aimed at improving the quality of VBS programmes. All material used for such processes will be treated as confidential, and the outcome will not affect your grade for the course.

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