



## BACHELOR OF INFORMATION TECHNOLOGY AND SYSTEMS (3334) – 2009 Applications Development and Networks Major: Gippsland and OCL

Bachelor of Computing: South Africa

Student Name: \_\_\_\_\_ ID: \_\_\_\_\_

### Level 1

<b>First Semester</b>	<b>FIT1001</b> Computer systems	<b>FIT1002</b> Computer programming	<b>FIT1003</b> IT in organisations	<b>Elective 1</b> (any Monash level 1, 2 or 3 unit)
<b>Second Semester</b>	<b>FIT1004</b> Database	<b>FIT1005</b> Networks and data communications	<b>FIT2034</b> Computer programming 2 [FIT1002]	<b>Elective 2</b> (any Monash level 1, 2 or 3 unit)

### Level 2

<b>First Semester</b>	<b>FIT2001</b> Systems analysis and design [co-req: FIT1004 or FIT2010]	<b>FIT2020</b> Networks and data communications 2 [FIT1005]	<b>FIT2029</b> Web programming [FIT1004 & FIT1002]	<b>Elective 3</b> (any Monash level 1, 2 or 3 unit)
<b>Second Semester</b>	<b>FIT2002</b> Project management [24pts level 1 study]	<b>FIT2005</b> Systems analysis and design 2 [FIT2001] [co-req: FIT1002]	<b>FIT2009</b> Data structures and algorithms [FIT2034]	<b>Elective 4</b> (any Monash level 1, 2 or 3 unit)

### Level 3

<b>First Semester</b>	<b>FIT3047</b> Industrial experience project 1 [Common Core plus three FIT level 2 units]	<b>FIT3046</b> Operating environments [FIT1001]	<b>Level 3 FIT unit</b> (any campus)	<b>Elective 5</b> (any Monash level 2 or 3 unit)
<b>Second Semester</b>	<b>FIT3048</b> Industrial experience project 2 [FIT3047]	<b>FIT3037</b> Software engineering [FIT2005]	<b>FIT3028</b> Multimedia concepts and applications [FIT2029] OR <b>FIT3130</b> Computer network design and deployment [FIT1005 or FIT2008] [co-req: FIT2019]	<b>Elective 6</b> (any Monash level 2 or 3 unit)

144 points must be completed to qualify for the degree of Bachelor of Information Technology and Systems, with the following conditions:

- normally 48 points, and a maximum of 60 points, of first year level units will be counted;
- at least 36 points must be completed at second year level;
- at least 36 points must be completed at third year level;
- 36 points of free electives.

All units are 6 points unless indicated otherwise

All course variations must be approved by the Course Director and will be confirmed in writing.

Currently enrolled students who would be disadvantaged by completing their current major under the new course structure (i.e. would need to complete additional units) may complete their current major under the former course structure.

**This course map shows a recommended progression only. Some units can be taken in semesters other than those indicated above. Students completing units in a different sequence to that indicated above should be aware of unit prerequisites and semesters of offering prior to varying their course progression. Please see a Course Advisor for any queries.**