

**BACHELOR OF INFORMATION TECHNOLOGY AND SYSTEMS (3334)**  
**Applications Development and Networks Major: Gippsland and OCL**  
 Bachelor of Computing: South Africa

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

**Level 1**

|                   |                                    |  |  |   |
|-------------------|------------------------------------|--|--|---|
| <b>Semester 1</b> | <b>FIT1001</b><br>Computer Systems | <b>FIT1002</b><br>Computer Programming             | <b>FIT1003</b><br>IT in Organisations              | <b>Elective 1</b><br>(any Monash level 1,2 or 3 unit) |
| <b>Semester 2</b> | <b>FIT1004</b><br>Database         | <b>FIT1005</b><br>Networks and Data Communications | <b>FIT1007</b><br>Computer programming 2 [FIT1002] | <b>Elective 2</b><br>(any Monash level 1,2 or 3 unit) |

**Level 2**

|                   |  |  |  |  |
|-------------------|--|--|--|--|
| <b>Semester 1</b> | <b>FIT2001</b><br>Systems Analysis & Design                      | <b>FIT2020</b><br>Networks and data communications 2 [FIT1005] | <b>FIT2029</b><br>Web programming [FIT1004 & FIT1002]      | <b>Elective 3</b><br>(any Monash level 1, 2 or 3 unit) |
| <b>Semester 2</b> | <b>FIT2002</b><br>IT Project Management [24pts level 1 IT study] | <b>FIT2005</b><br>Systems analysis and design 2 [FIT2001]      | <b>FIT2009</b><br>Data structures and algorithms [FIT1007] | <b>Elective 4</b><br>(any Monash level 1, 2 or 3 unit) |

**Level 3**

|                   |   |   |   |   |
|-------------------|---|---|---|---|
| <b>Semester 1</b> | <b>FIT3047</b><br>Industrial Experience Project 1 [Common Core plus three units from major at level 1 or 2] | <b>FIT3046</b><br>Operating environments. [FIT1001] | Level 3 Applications Development and Networks unit (see list below) | <b>Elective 5</b><br>(any Monash level 2 or 3 unit) |
| <b>Semester 2</b> | <b>FIT3048</b><br>Industrial Experience Project 2 [FIT3047]   | <b>FIT3037</b><br>Software engineering [FIT2005]    | Level 3 Applications Development and Networks unit (see list below) | <b>Elective 6</b><br>(any Monash level 2 or 3 unit) |

Each unit is worth six credit points. A total of 144 points are required with a maximum of 60 points from 1<sup>st</sup> year level units. Students need to check prerequisites and prohibitions for units. Any unit variations must be must be approved by the Course Director.

*Applications Development and Networks level 3 elective list. Not all units on the list will be offered each year. List subject to change.*

- FIT3002 Applications of Data Mining [FIT1004]
- FIT3005 Computer Graphics [FIT1007]
- FIT3011 Enterprise Programming [FIT1007]
- FIT3019 Information Systems Management [FIT2005]
- FIT3021 Infrastructure for eCommerce [FIT2005]
- FIT3031 Information and Network Security [FIT1005]