

**BACHELOR OF INFORMATION TECHNOLOGY AND SYSTEMS (3334)**  
**Net-centric Computing / Systems Development Major: Caulfield Campus**

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>FIT1011</b><br>Web Systems 1                       |
| <b>Semester 2</b> | <b>FIT1004</b><br>Database         | <b>FIT1005</b><br>Networks and Data Communications | <b>FIT2034</b><br>Computer Programming 2<br>[FIT1002] | <b>Elective 1</b><br>(any Monash level 1,2 or 3 unit) |

**Level 2**

|                   |   |   |   |  |
|-------------------|---|---|---|--|
| <b>Semester 1</b> | <b>FIT2001</b><br>Systems Analysis & Design | <b>FIT2018</b><br>Network Administration<br>[FIT1005]               | <b>FIT2065</b><br>Operating Systems and the UNIX environment<br>[FIT1001 & FIT1002] | <b>FIT2024</b><br>Software Engineering Practice<br>[FIT1007 or FIT1008 or FIT1015] |
| <b>Semester 2</b> | <b>FIT2002</b><br>IT Project Management     | <b>FIT2019</b><br>Network standards and specifications<br>[FIT1005] | <b>FIT2028</b><br>Web Systems 2   | <b>FIT2027</b><br>Systems Design & Implementation<br>[FIT1002 & FIT1004 & FIT2001] |

**Level 3**

|                   |  |   |   |  |
|-------------------|--|---|---|--|
| <b>Semester 1</b> | <b>FIT3047</b><br>Industrial Experience Project 1<br>[Common Core plus three units from major at level 1 or 2] | Level 3 unit from the technical majors elective list (see below*) | Level 3 unit from the technical majors elective list (see below*) | <b>Elective 2</b><br>(any Monash level 1, 2 or 3 unit) |
| <b>Semester 2</b> | <b>FIT3048</b><br>Industrial Experience Project 2<br>[FIT3047]   | Level 3 unit from the technical majors elective list (see below*) | Level 3 unit from the technical majors elective list (see below*) | <b>Elective 3</b><br>(any Monash level 1, 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.

- FIT3010 Grid Computing [FIT1002] [Semester 1]
- FIT3018 Information and Network security [FIT1019] [Semester 1]
- FIT3024 Internetworking & wireless communications [FIT1005] [Semester 2]
- FIT3027 Mobile Middleware [FIT1001 & FIT1007] [Semester 2]
- FIT3030 Network performance & modeling [FIT1005] [Semester 1]
- FIT3041 Unix programming for network systems and devices [FIT1001 & FIT1002] [Semester 1]
- FIT3043 Web Systems 3 [FIT1002] [Semester 2]
- FIT3057 Enterprise programming [FIT2024] [Semester 1]
- FIT3060 Service oriented computing [FIT2024] [Semester 2]
- FIT3063 Human-Computer interaction [FIT2001] [Semester 1]
- FIT3073 Data mining [FIT1004] [Semester 2]
- FIT3118 Database design and administration [FIT1004] [Semester 2]
- FIT3126 Applications with C++ [FIT1002] [Semester 2]

\*List subject to change.