

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

Student Name: _____ ID: _____

Level 1

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|-------------------|------------------------------------|--|---------------------------------------|--|
| Semester 1 | FIT1001 Computer Systems | FIT1002 Computer Programming | FIT1003 IT in Organisations | Elective 1 (any Monash level 1, 2 or 3 unit) |
| Semester 2 | FIT1004 Database | FIT1005 Networks and Data Communications | FIT1011 Web Systems 1 | FIT1019 Overview of IT security |

Level 2

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|-------------------|---|---|---|---|
| Semester 1 | FIT2001 Systems Analysis & Design | FIT2018 Network Administration [FIT1005] | FIT2034 Computer Programming 2 [FIT1002] | FIT2058 Information and network security [FIT1019] |
| Semester 2 | FIT2002 IT Project Management | FIT2019 Network standards and specifications [FIT1005] | FIT2028 Web Systems 2 | Elective 2 (any Monash level 1, 2 or 3 unit) |

Level 3

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|-------------------|--|---|--|--|
| Semester 1 | FIT3047 Industrial Experience Project 1 [Common Core plus three units from major at level 1 or 2] | Level 3 unit from the technical majors elective list (see below*) | FIT3105 Identity Management [FIT1019] | Elective 3 (any Monash level 1, 2 or 3 unit) |
| Semester 2 | FIT3048 Industrial Experience Project 2 [FIT3047] | Level 3 unit from the technical majors elective list (see below*) | FIT3056 Secure and trusted software systems [FIT1002 & FIT1019] | Elective 4 (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 1st 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.