

BACHELOR OF INFORMATION TECHNOLOGY AND SYSTEMS (3334)
System Development / Security double major: Caulfield Campus

Student Name: _____ ID: _____

Level 1

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	FIT1019 Overview of IT security	Elective 2 (any Monash level 1, 2 or 3 unit)

Level 2

Semester 1	FIT2001 Systems Analysis & Design	FIT2065 Operating Systems and the UNIX environment [FIT1001 & FIT1002]	FIT2024 Software Engineering Practice [FIT1007 or FIT1008 or FIT1015]	FIT2058 Information and network security [FIT1019]
Semester 2	FIT2002 IT Project Management [24 pts level 1]	FIT2028 Web Systems 2	FIT2027 Systems Design & Implementation [FIT1002 & FIT1004 & FIT2001]	FIT2034 Computer Programming 2 [FIT1002]

Level 3

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]	FIT2018 Network Administration [FIT1005]
Semester 2	FIT3048 Industrial Experience Project 2 [FIT3047]	Level 3 unit from the technical majors elective list (see below*)	FIT3056 Secure software development [FIT1002, FIT1019]	Elective 3 (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 1st year level units. Students need to check prerequisites and prohibitions for units. Any unit variations 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.