Federation University
School of Engineering, IT and Physical Sciences

Enrolment Program Structure

Program Code – CG4.SE

Program Name – Graduate Diploma of Technology (Software Engineering)

First Year	Course Code	Course Name	Course Rules
Semester 1			
	ITECH1100	Understanding the Digital Revolution	
	ITECH1102	Networking and Security	
	ITECH1103	Big Data and Analytics	
	ITECH1400	Foundations of Programming	**EX:** ITECH1000 & ITECH2100
Semester 2			
	ITECH5403	Comparative Programming Languages	**PR:** ITECH1000 or ITECH1400
	ITECH5404	Business Process Analytics and Change	
	ITECH5500	Professional Research and Communication	**PR:** ITECH1100 **EX:** ITECH5401
	ITECH7406	Business Intelligence and Data Warehousing	**PR:** ITECH1006 or ITECH1103

Second Year	Course Code	Course Name	Course Rules
Semester 1			
	ITECH5402	Enterprise Systems	
	ITECH7000	IT Professional Engagement	
	ITECH7400	IT Service Management and Professional Culture	**PR**: ITECH1100 and at least 4 ITECH courses
	ITECH7401	IT Project Management Leadership	**PR:** ITECH1100
	ITECH7410	Software Engineering Methodologies	**PR:** ITECH1100 or ITECH1400

Additional Information

This program structure applies to all students.

Glossary

Semester: designated teaching period.

PR: Pre-requisite, a course/s that must be completed prior to undertaking another course.

EX: Exclusion, a course/s that may not be taken.