



Program Name: Bachelor of Engineering
Academic Plan: Computer Systems

Program Code: LBIF A **School Code:** [EIE](#)

Program Director: [Dr Alex Hariz](#)

[Program Structure or Schedule]

	Course		Description	Pre-requisite	Study Period	Enrolment Class No.
	Area	Catalog No.				
Year 1	MATH	1063	Mathematical Methods for Engineers 1	Refer to Course home page	2	Refer to class timetable
	RENG	1005	Engineering Materials	Refer to Course home page	2	Refer to class timetable
	COMP	1036	Computer Techniques	Refer to Course home page	2	Refer to class timetable
	ENGG	1003	Sustainable Engineering Practice	Refer to Course home page	2	Refer to class timetable
	MATH	1064	Mathematical Methods for Engineers 2	Refer to Course home page	5	Refer to class timetable
	EEET	1025	Electrical and Energy Systems	Refer to Course home page.	5	Refer to class timetable
	EEET	1024	Mechanics and Physics	Refer to Course home page	5	Refer to class timetable
	ENGG	1004	Engineering Design and Innovation	Refer to Course home page	5	Refer to class timetable

	Course		Description	Pre-requisite	Study Period	Enrolment Class No
	Area	Catalog No.				
Year 2	COMP	1041	Programming for Engineers	Refer to Course home page	2	Refer to class timetable
	EEET	1003	Electrical Circuit Theory	Refer to Course home page	2	Refer to class timetable
	EEET	2043	Analogue and Digital Electronic Fundamentals	Refer to Course home page	2	Refer to class timetable
	MATH	2026	Calculus 3	Refer to Course home page	2	Refer to class timetable
	EEET	1007	Principles of Computer Systems	Refer to Course home page	5	Refer to class timetable
	EEET	2018	Electronic Devices and Circuits	Refer to Course home page	5	Refer to class timetable
	COMP	1040	Programming Fundamentals	Refer to Course home page	5	Refer to class timetable
	MATH	2028	Methods of Applied Mathematics 1	Refer to Course home page	5	Refer to class timetable

	Course		Description	Pre-requisite	Study Period	Enrolment Class No.
	Area	Catalog No.				
Year 3	EEET	2022	Computer Hardware	Refer to Course home page	2	Refer to class timetable
	COMP	2012	Data Structures	Refer to Course home page	2	Refer to class timetable
	EEET	3041	Signals and Systems	Refer to Course home page	2	Refer to class timetable
	EEET	3038	Digital Devices and Systems	Refer to Course home page	2	Refer to class timetable
	EEET	3025	Computer Communications and Networks	Refer to Course home page	5	Refer to class timetable
	EEET	3042	Computer Hardware Design	Refer to Course home page	5	Refer to class timetable
	EEET	3040	Real-Time Systems and Control	Refer to Course home page	5	Refer to class timetable
	EEET	3033	Professional Engineering Practice E	Refer to Course home page	5	Refer to class timetable
	EEET	3031	Practical Industrial Experience Reports (see Note 1)	Refer to Course home page	See Note 1	See Note 1

	Course		Description	Pre-requisite	Study Period	Enrolment Class No
	Area	Catalog No.				
Year 4	EEET	4031	System Design Techniques	Refer to Course home page	2	Refer to class timetable
			Elective (see note 2)		2	
			Technical Elective (see Note 3)		2	
	EEET	4048 OR 4049	Electrical and Information Engineering Project 1 Electrical and Information Engineering Project 1 Honours	Refer to Course home page	2	Refer to class timetable
	EEET	2025	Real-Time Systems and Control	Refer to Course home page	5	Refer to class timetable
	EEET	4032	Advanced Internet Technology	Refer to Course home page	5	Refer to class timetable
	EEET	4058	Digital Signal Processing	Refer to Course home page	5	Refer to class timetable
	EEET	4050 OR 4051	Electrical and Information Engineering Project 2 Electrical and Information Engineering Project 2 Honours	Refer to Course home page	5	Refer to class timetable

Notes:

1. It is a professional requirement of The Engineers Australia that students complete 12 weeks (or 60 full-time equivalent working days) of industrial experience in a relevant industry prior to graduation. This can be accomplished as an accumulation of time worked in industry totalling twelve weeks with not less than three weeks being achieved in any single work place. Time worked on a part-time basis will be counted on a pro-rata basis. The work, report and assessment must be complete prior to any student becoming eligible for graduation. The course Practical Industrial Experience Reports will remain incomplete until the student submits a written report and receives a non grade pass (NGP). Students shall submit their report to the School office, and include with their report a completed "Manual Over-ride to Enrolment" form to enrol in the course Practical Industrial Experience Reports (no units, therefore no HECS). School office staff will advise the study period in which to enrol in this course at the time of lodgement.
2. The university elective may be selected from courses offered by any program university wide, including those offered by ITEE, subject to availability, satisfaction of pre-requisites and approval by the program director.
3. Inquire at the School of Electrical and Information Engineering during enrolment period for a list of available technical electives or refer to the EIE Enrolment Advice web page, Availability is contingent on sufficient enrolment.
4. Enrol in EEET 4048 and 4050 at first. If you qualify for honours, you will be transferred to 4049 and 4051 later.
5. Students undertaking less than a full load AND students repeating courses in previous year of the program MUST consult with their Program Director as to which courses they need to enrol in.