

**Bachelor of Engineering Technology
(Electronic Systems and Security)
2022 Study Planner**

**Semester 1 Start:
(Year 1 option topics ENGR1722 and ENGR1732)**

First Level	Semester 1	ENGR1721 Engineering Programming	MATH1701 Mathematics Fundamentals A	MATH1702 Mathematics Fundamentals B	Year 1 option topic ENGR1732 Engineering Mechanics
	Semester 2	ENGR1201 Electronics	ENGR1401 Professional Skills	MATH1121 Mathematics 1A	Year 1 option topic ENGR1722 Engineering Physics and Materials
Second Level	Semester 1	ENGR1711 Engineering Design	ENGR2731 Electronic Circuits	COMP2711 Computer Programming 2	MATH1122 Mathematics 1B
	NS1	ENGR2705 Working in Secure and Sensitive Professions (0 units)			
	Semester 2	COMP2712 Heuristic Optimisation	ENGR2702 Electrical Circuits and Machines	ENGR2722 Analysis of Engineering Systems	ENGR2711 Engineering Mathematics
Third Level	Semester 1	ENGR2861 Electromagnetics and Electromagnetic Waves	ENGR3891 Electromagnetic Technologies, Systems and Security	ENGR7710A Engineering Project A	Year 3 Option topic ENGR3721 or ENGR3731
	NS1	ENGR3750 Workplace Preparation (0units)			
	Semester 2	ENGR9704 Engineering Management	ENGR7782 Systems and Security in the Information Age	ENGR7710B Engineering Project B	ENGR9405 Engineering Work Experience

Semester 1 Start:
(Year 1 option topics PHYS1101 and PHYS1102)

First Level	Semester 2	ENGR1721 Engineering Programming	ENGR1711 Engineering Design	MATH1701 Mathematics Fundamentals A	MATH1702 Mathematics Fundamentals B
	Semester 1	ENGR1201 Electronics	COMP2712 Heuristic Optimisation	ENGR1401 Professional Skills	MATH1121 Mathematics 1A
Second Level	Semester 2	ENGR2731 Electronic Circuits	COMP2711 Computer Programming 2	MATH1122 Mathematics 1B	Year 1 option topic PHYS1101 Fundamental Physics 1
	NS1	ENGR2705 Working in Secure and Sensitive Professions (0 units)			
	Semester 1	ENGR2702 Electrical Circuits and Machines	ENGR2722 Analysis of Engineering Systems	ENGR2711 Engineering Mathematics	Year 1 option topic PHYS1102 Fundamental Physics 2
Third Level	Semester 2	ENGR2861 Electromagnetics and Electromagnetic Waves	ENGR3891 Electromagnetic Technologies, Systems and Security	ENGR7710A Engineering Project A	Year 3 Option topic ENGR3721 or ENGR3731
	NS1	ENGR3750 Workplace Preparation			
	Semester 1	ENGR9704 Engineering Management	ENGR7782 Systems and Security in the Information Age	ENGR7710B Engineering Project B	ENGR9405 Engineering Work Experience

Key:

Core Topics	Compulsory topic
Option Topics	A choice from a list of specified topics (please refer to course rule)

Please note:

- This document is provided as a guide only. Students are responsible for ensuring that they have completed their study according to the official [Course Rule](#).
- Topic information for all topics, including pre-requisites can be found on the [Topic Page](#)
- General enrolment assistance is available via [Ask Flinders](#)
- For specific course advice e-mail: courseadvice.SE@flinders.edu.au