

Enrolment 2026 (for students who commenced in 2023 or earlier)

STUDENT ID: NAME: SIGNED:

Once you have made your selections please go to MyAUT to complete your enrolment.

- FY = Full Year, S1 = Semester 1, S2 = Semester 2
- Pre-requisite courses are shown in the brackets after each course; please check these to ensure you have completed all necessary pre-requisite courses.
- Final approval for enrolment will be made by the Programme Leader or School Registrar. **Shaded courses are compulsory core courses.** For enrolment queries or issues, please email your Academic Administrator (e: engineer@aut.ac.nz).

YEAR 1		
ENGE401	Introductory Engineering Mathematics	S1/S2
ENEL500	Analogue Devices & Systems (ENEL501)	S1
ENEL501	Electrical Engineering Principles (Replaced by ENGE504)	S1/S2
ENEL503	Digital Devices and Systems	S1
ENEL505	Personal Computer Engineering and Applications(take COMP504 instead)	S2
ENGE500	Introduction to Sustainable Engineering Design	S1/S2
ENGE501	Engineering Mathematics 1 (ENGE401)	S1/S2
ENSE503	Introduction to Engineering Programming (take COMP500 instead)	S1/S2

YEAR 2		
ENEL506	Elements of Power Engineering (ENEL501 or ENGE504) (take ENEL621 instead: prereq ENEL501 or ENGE504)	S1
ENEL507	Electrical Machines (ENEL501 or ENGE504) (take ENEL714 instead: prereq ENGE504 (or ENEL501) & ENGE501)	S1
ENEL508	Introduction to Illumination Engineering (ENEL501 or ENGE504) (take ENGE603 instead: prereq ENGE504)*	S2
ENEL510	Industrial Measurement and Control (ENEL501 or ENGE504)	S1
ENEL602	Electronics Project (ENEL501 (or ENGE504) & ENEL608)	S1/S2
ENEL608	Introduction to Microcontrollers (ENSE503 or COMP500)	S1
ENEL614	Electrical Building Services (ENEL501 or ENGE504) (take ENEL620 instead: prereq ENEL503)	S2
ENGE600	Engineering Management I	S2

YEAR 3		
ENGE777	Engineering Work Experience	S1/S2
ENEL703	Power Systems Engineering (ENEL500 & ENEL506 (or ENEL621) & ENEL501 (or ENGE504)) (take ENEL713 instead: prereq ENEL621)	S1
ENEL710	Sustainable Energy for Renewable Power (ENEL506 (or ENEL621) & ENGE504) (offered in 2026 for the last time)	S1
ENEL791	Specialisation Project (Part A) (course code changes to ENGE771 from S1 2026)	S1/S2
ENEL792	Specialisation Project (Part B) (course code changes to ENGE772 from S2 2026)	S1/S2
ENGE701	Engineering Management II (ENGE600)	S2
	Major Option Course 1	
	Major Option Course 2	
	Major Option Course 3	

Major Option Courses		
ENEL511	PLC Application A (ENEL503) (No longer offered)	-
ENEL603	Industrial Circuit Model (ENEL501, ENGE501) (No longer offered)	-
ENEL606	Analogue and Digital Systems (ENEL501, ENEL500, ENEL503) (requires a variation of study)	S2
ENEL613	Power Electronics (ENEL506) (No longer offered)	-
ENEL615	Illumination Engineering (ENEL508) (No longer offered)	S2
ENEL618	PLC Application B (ENEL500) (No longer offered)	-
ENEL620	PLC Applications (ENEL503) (requires a variation of study)	S2
ENEL621	Elements of Power Engineering (ENEL501) (requires a variation of study)	S1
ENEL701	Power Electronic Systems (ENE506 or ENEL621)	S2
ENEL702	Instrumentation and Control Systems (ENEL510, ENGE601)	S1
ENGE601	Engineering Mathematics II (ENGE501)	S1/S2
ENGE603	Renewable Energy Generation, Storage and Utilisation (ENEL501) (requires a variation of study)	S2

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Note:

1. Course level is the first digit of the numeric part of the alphanumeric code.
2. Students must complete all year 1 courses to enrol in any of Year 3 courses.
3. Students must complete all compulsory courses (shaded in grey) and take 3x major option courses.
4. Students must have at least 150 points at level 6 or higher. Of these at least 75 points must be at Level 7 or higher
5. Enrolment in Specialisation Project subject to the satisfactory completion of 240 points and completion of all year 1 courses.
6. Completion of ENGE777 Work Experience is compulsory to graduate and no credits will be offered for this course:
 - a. Work Experience to commence at 240 points
 - b. A student must complete a minimum of 600 hours of planned supervised work experience approved by the programme director within one year of completing the coursework requirements to be eligible for this qualification.
7. Students who plan on studying at postgraduate level or transfer to the Bachelor of Engineering (Hons) programme should take ENGE601 Engineering Mathematics II.
8. Course offerings are subject to change each year.