

BEngTech (Mechanical)

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
ENEL501	Electrical Engineering Principles (Replaced by ENGE504)	
ENGE500	Introduction to Sustainable Engineering Design	S1/S2
ENME500	Introduction to Thermofluids and Energy	S1
ENME502	Engineering Materials I	S1/S2
ENME505	Statics and Equilibrium	S2
ENME506	Engineering Mechanics – Dynamics	S1
ENSE500	Computer Applications for Engineers (Replaced by COMP500)	S1/S2

YEAR 2		
ENGE501	Engineering Mathematics 1 (ENGE401)	S1/S2
ENGE600	Engineering Management I	S2
ENME602	Engineering Design Methodology (ENGE500 & ENME505 & ENME506)	S2
ENME604	Applied Fluid Mechanics (ENGE401 & ENME500 & ENME506)	S2
ENME607	Manufacturing Technology (ENME502)	S1
ENME610	Strength of Materials I (ENGE401 & ENME505)	S1
ENME611	Theory of Machines (ENGE401 & ENME506) (name changes to Theory of Machines in 2025)	S1
ENME615	Thermodynamics and Heat Transfer (ENGE401 & ENME506 & ENME500)	S2

YEAR 3		
ENGE777	Engineering Work Experience	S1/S2
ENGE701	Engineering Management II (ENGE600)	S2
ENME791	Specialisation Project (Part A) (course code changes to ENGE771 from S1 2026)	S1/S2
ENME792	Specialisation Project (Part B) (course code changes to ENGE772 from S2 2026)	S1/S2
	Major Option 1	
	Major Option 2	
	Major Option 3	
	Major Option 4	
	Major Option 5	

Mechanical Major Options Courses		
ENGE601	Engineering Mathematics II (ENGE501)	S1/S2
ENME605	Operations Management for Manufacturing (ENGE401) (No longer offered)	-
ENME612	Computer Aided Design and Manufacturing -CAD/CAM (ENGE500, ENME607) (No longer offered)	-
ENME702	Mechanical Design (ENME602 & ENME610)	S2
ENME706	Control Engineering (ENGE501 (or ENGE502) & ENME615)	S1
ENME709	Strength of Materials II (ENME610)	S2
ENME710	Advanced Materials (ENME502) (No longer offered)	-
ENME712	Product Design (ENGE500 & ENME502 & ENME607)	S1
ENME714	Advanced Manufacturing Processes (ENME607) (No longer offered)	-
ENME715	Advanced Thermodynamics (ENME615) (no longer offered)	-

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The logo for AUT (Auckland University of Technology) is displayed in a bold, white, sans-serif font against a black rectangular background.

Note:

1. Course level is the first digit of the numeric part of the alphanumerical 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 5x elective courses from major option courses (unshaded).
4. Students must have at least 150 points at level 6 or higher. Of these at least 90 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.