

HV4448 Bachelor of Engineering Technology

Civil or Mechanical Strands



Te Pūkenga

1. Personal details

First or given name(s)

Surname or family name

Date of Birth*

Student ID

Signature

Date

*Required for International Students

Please Choose your strand below.

Tick here	Mechanical Pick your courses from section 2 below	Tick here	Civil Pick your courses from Section 3 over the page
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2. Select your Mechanical courses

Select the courses you wish to complete.

Trimester One

23 February 2026 to 3 July 2026

Mechanical Year 1

- ☐ MG5001 Engineering Computing
- ☐ MG5003 Engineering Communication
- ☐ MG5004 Engineering Maths
- ☐ MG5034 Electrical Fundamentals

Mechanical Year 2

- ☐ MG5029 Strength of Materials 1
Pre-requisite: MG5002, MG5004
- ☐ MG6032 Fluid Mechanics
Pre-requisite: MG5002, MG5004
- ☐ MG6037 Advanced Thermodynamics
Pre-requisite: MG5030
- ☐ MG6044 Manufacturing Processes and Production

Trimester Two

22 July 2026 to 27 November 2026

Mechanical Year 1

- ☐ MG5002 Mechanics
- ☐ MG5005 Engineering Design and Drawing
- ☐ MG5028 Mechanical Materials
- ☐ MG5030 Thermodynamics and Heat Transfer
Pre-requisite: MG5004

Mechanical Year 2

- ☐ MG6033 Mechanics of Machines
Pre-requisite: MG5002, MG5004
- ☐ MG6038 Strength of Materials 2
Pre-requisite: MG5029
- ☐ MG6103 Engineering Management
Pre-requisite: MG5003
- ☐ MG6136 Engineering Project
Pre-requisite: MG5003, MG5005 and Min 45 credit @ L5

OFFICE USE ONLY

Approved by enrolments:

Date:

Mechanical Year 3

- ☐ **MG7022 Energy Engineering**
Pre-requisite: MG6037
- ☐ **MG7023 Vibration and Seismic Design for Mechanical Plant**
Pre-requisite: MG6136, MG6038
- ☐ **MG7030 Air Handling Systems**
Pre-requisite: MG5030
- ☐ **MG7025 Project Management**
Pre-requisite: MG6103

Mechanical Year 3

- ☐ **MG7101 Engineering Development Project (30 Credit)**
Pre-requisite: MG6136 and Min 30 credits @ L6
- ☐ **MG7121 Professional Engineering Practice**
Pre-requisite: MG6103
- ☐ **MG6048 Special Topic – Building Information Modelling (TBC)**

3. Select your Civil courses

Select the courses you wish to complete.

Trimester One

23 February 2026 to 3 July 2026

Civil Year 1

- ☐ **MG5001 Engineering Computing**
- ☐ **MG5003 Engineering Communication**
- ☐ **MG5004 Engineering Maths**
- ☐ **MG5107 Civil Materials**

Civil Year 2

- ☐ **MG5008 Fluid Mechanics (Civil)**
Pre-requisite: MG5002, MG5004
- ☐ **MG5012 Highway Engineering 1**
Pre-requisite: MG5004, MG5009
- ☐ **MG6012 Geotechnical Engineering 2**
Pre-requisite: MG5009
- ☐ **MG6110 Water and Waste Management**

Civil Year 3

- ☐ **MG6005 Civil Engineering Detailing and Modelling**
Pre-requisite: MG5005
- ☐ **MG6011 Hydrology and Erosion Management**
- ☐ **MG7022 Urban Drainage Systems**
Pre-requisite: MG6109
- ☐ **MG7025 Project Management**
Pre-requisite: MG6103

Semester Two

20 July 2026 to 27 November 2026

Civil Year 1

- ☐ **MG5002 Mechanics**
- ☐ **MG5005 Engineering Design and Drawing**
- ☐ **MG5006 Land Surveying 1**
- ☐ **MG5009 Geotechnical Engineering 1**

Civil Year 2

- ☐ **MG5032 Structures 1**
Pre-requisite: MG5002
- ☐ **MG6103 Engineering Management**
Pre-requisite: MG5003
- ☐ **MG6109 Water and Waste Systems**
Pre-requisite: MG5008
- ☐ **DE6208 Civil Engineering Construction Practices**

Civil Year 3

- ☐ **MG7101 Engineering Development Project (30 Credit)**
Pre-requisite: MG6106 and Min 30 credits @ L6
- ☐ **MG7121 Professional Engineering Practice**
Pre-requisite: MG6103
- ☐ **MG6048 Special Topic – Building Information Modelling (TBC)**

Important Information

- To be awarded the Bachelor of Engineering Technology you must successfully complete all 23 courses, 360 credits, in your chosen strand (Civil or Mechanical)
- Each course is 15-credits unless otherwise stated.

4. Once complete, email or attach

When you've fully completed the above form, email this form to/attach this form with your enrolment, and email it to:

✉ advising@wandw.ac.nz

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Approved by enrolments:

Date: