

**Program:** [BH070 - Bachelor of Engineering \(Mechanical Engineering\) \(Honours\)](#)

**Prior Program:** [AD026 - Associate Degree in Engineering Technology](#) (Mechanical Major)

### **Enrolment Plan**

For students articulating during Semester 2, 2020, below are the courses you should enrol into.

#### **2020 Enrolment**

##### **Semester 2**

- MATH2124 Maths & Stats- Aero, Mech & Auto
- MIET2515 Thermal-Fluid Systems
- MIET1077 Mechanics of Machines
- Technical Elective – Mechanical option

#### **2021 Enrolment**

##### **Semester 1**

- MIET1071 Solid Mechanics 3
- MIET1076 Mechanical Vibrations
- MIET1081 Advanced Thermo-Fluid Mechanics
- OENG1167 Capstone Part A

##### **Semester 2**

- MIET1084 Finite Element Analysis
- OENG1168 Capstone Part B
- MIET1068 Mechanical Design 2
- MIET2006 Automatic Control

#### **2022 Enrolment**

##### **Semester 1**

- MIET2032 Renewable Energy Systems
- Technical Elective – Mechanical option
- MIET2116 Engineering and Enterprise
- OENG1206 Digital Fundamentals

### **Awarded Credit**

- OENG1166 Introduction to Professional Engineering Practice
- MATH2117 Engineering Mathematics C
- OENG1204 Creative Engineering CAD
- MIET2419 Mechanics and Materials 1
- MIET2421 Applied Thermodynamics
- MATH2118 Further Engineering Mathematics C
- MANU2488 Advanced Manufacturing and Mechatronics
- MIET2422 Fluid Mechanics of Mechanical Systems
- EEET2572 Research Methods for Engineers
- MIET2370 Mechatronics Principles
- MIET2115 Mechanics and Materials 2

**Credit and Enrolment Information**  
**BH070 – Bachelor of Engineering (Mechanical Engineering) (Honours)**



- MIET2134 Engineering Dynamics
- MIET2420 Mechanical Design 1
- OENG1208 Engineering Science
- AICT1001 Student Elective (University Elective 1)

**Total: 192 credit points**

**192 credit points remaining for program completion**

**Program:** [BH070 - Bachelor of Engineering \(Mechanical Engineering\) \(Honours\)](#)

**Prior Program:** [C6130 - Advanced Diploma of Engineering \(Mechanical\)](#)

### Enrolment Plan

For students articulating during Semester 2, 2020, below are the courses you should enrol into.

#### 2020 Enrolment

##### Semester 2, 2020

- MIET2420 Mechanical Design 1 (24CP course)
- MATH2124 Maths & Stats – Aero, Mech & Auto
- MIET2115 Mechanics and Materials 2

#### 2021 Enrolment

##### Semester 1, 2021

- MIET1076 Mechanical Vibrations
- MIET1081 Advanced Thermo-Fluid Mechanics
- MIET2515 Thermo-Fluid Systems
- MIET1071 Solid 3

##### Semester 2, 2021

- MIET1068 Mechanical Design 2
- MIET1077 Mechanics of Machines
- MIET1084 Finite Element Analysis
- EEET2572 Research Methods for Engineers

#### 2022 Enrolment

##### Semester 1, 2022

- MIET2116 Engineering and Enterprise
- MIET2032 Renewable Energy
- OENG1167 Capstone Part A
- University Elective 2

##### Semester 2, 2022

- Mechanical Program Elective 1
- OENG1168 Capstone Part B
- MIET2006 Automatic Control
- Mechanical Program Elective 2

### Awarded Credit

- OENG1166 Introduction to Professional Engineering Practice
- MATH2117 Engineering Mathematics C
- OENG1204 Creative Engineering CAD
- MIET2419 Mechanics and Materials 1
- MIET2421 Applied Thermodynamics

**Credit and Enrolment Information**  
**BH070 – Bachelor of Engineering (Mechanical Engineering) (Honours)**



- MANU2488 Advanced Manufacturing and Mechatronics
- MIET2422 Fluid Mechanics of Mechanical Systems
- MIET2370 Mechatronics Principles
- MIET2134 Engineering Dynamics
- OENG1206 Digital Fundamentals
- MATH2118 Further Engineering Mathematics C
- AICT1001 Student Elective (University Elective 1)

**Total: 144 credit points**

**240 credit points remaining for program completion**