

Internal Student Transcript

Student ID	33119931
Legal name	Ethan Hunter Bushby
Preferred given name	Ethan
Preferred family name	Bushby
Birthdate	05 Feb 2002
Citizenship	New Zealand

GPA Total 6.94

Credit Points

Level 1	Level 2	Level 3	Level 4	Level 6	Total (Levels 1-4)
120.00	120.00	120.00	105.00	15.00	480.00

Note: The credit points totalled here include all courses passed. Not all of these will necessarily count towards the number of points required for award completion. Points counted are subject to the University's Calendar regulations. For example, if a course has been repeated, the credit points may be counted only once.

2023 Bachelor of Engineering with Honours (Second-Fourth year/200-400 level)

GPA 6.13

Course	Course Title	Points	Grade
ENCE461-23S1 (C)	Embedded Systems 2	15.00	B+
ENGR200-23A (C)	Engineering Work Experience		P
ENGR401-23S2 (C)	Computational Fluid Dynamics	15.00	A
ENME403-23S1 (C)	Linear Systems Control and System Identification	15.00	A-
ENME451-23S2 (C)	Biomechanics	15.00	A-
ENMT401-23W (C)	Mechatronics Honours Research and Development Project	30.00	B+
ENMT482-23S2 (C)	Robotics	15.00	B+
MDPH401-23S1 (C)	Anatomy and Physiology	15.00	C+

2022 Bachelor of Engineering with Honours (Second-Fourth year/200-400 level)

GPA 7.13

Course	Course Title	Points	Grade
ENCE361-22S1 (C)	Embedded Systems 1	15.00	A-
ENEL301-22S2 (C)	Fundamentals of Engineering Economics and Management	15.00	A-
ENEL372-22S2 (C)	Power and Analogue Electronics	15.00	B+
ENGR200-22A (C)	Engineering Work Experience		Cont
ENME302-22S2 (C)	Computational and Applied Mechanical Analysis	15.00	A
ENME303-22S1 (C)	Controls and Vibrations	15.00	B+
ENME314-22S1 (C)	Fluid Mechanics	15.00	A+
ENMT301-22W (C)	Mechatronics System Design	30.00	A-

2021 Bachelor of Engineering with Honours (Second-Fourth year/200-400 level)

GPA 6.88

Course	Course Title	Points	Grade
EMTH210-21S1 (C)	Engineering Mathematics 2	15.00	A
EMTH211-21S2 (C)	Engineering Linear Algebra and Statistics	15.00	B+
ENCE260-21S2 (C)	Computer Systems	15.00	A-
ENEL198-21A (C)	Electrical Workshop Course		P
ENEL270-21S1 (C)	Principles of Electronics and Devices	15.00	B+
ENGR200-21A (C)	Engineering Work Experience		Cont
ENME199-21A (C)	Workshop Training Course for Mechanical and Mechatronics Engineering		P
ENME202-21S1 (C)	Stress, Strain and Deformation in Machine Elements	15.00	A
ENME203-21S2 (C)	Dynamics and Vibrations	15.00	B
ENMT211-21S1 (C)	Principles of Mechatronics	15.00	A
ENMT221-21S2 (C)	Mechatronics Design 1	15.00	A-

2020 Bachelor of Engineering with Honours (First year/100 level)

GPA 7.63

Course	Course Title	Points	Grade
COSC121-20S1 (C)	Introduction to Computer Programming	15.00	A+
EMTH118-20S1 (C)	Engineering Mathematics 1A	15.00	B+
EMTH119-20S2 (C)	Engineering Mathematics 1B	15.00	A
EMTH171-20S2 (C)	Mathematical Modelling and Computation	15.00	A
ENGR100-20W (C)	Engineering Academic Skills		P
ENGR101-20S1 (C)	Foundations of Engineering	15.00	B+
ENGR102-20S2 (C)	Engineering Mechanics	15.00	A-
PHYS101-20S1 (C)	Engineering Physics A: Mechanics, Waves, Electromagnetism and Thermal Physics	15.00	A
PHYS102-20S2 (C)	Engineering Physics B: Modern Physics and Electromagnetism (2)	15.00	A+

Awards

2023 Bachelor of Engineering with Honours with Second Class Honours (Division One) Conferred: 19/02/2024
Professional Specialisation: Mechatronics Engineering
Year of Study: Fourth Year

Notes

2024 AE ENG College of Engineering General Note.; - That the Department approved 2023 Certificate in Biomedical Engineering for Mechatronics. Lead for minor in Biomedical Engineering (D. Munro), Faculty of Engineering. 14.03.24.

Student Placements

2021 Engineering First Aid	Completed: 27/09/2021
2021 Engineering Workshop Requirement	Completed: 14/11/2021
2024 Engineering Practical Requirement	Completed: 19/01/2024