



THE UNIVERSITY OF
NEWCASTLE
AUSTRALIA

STATEMENT OF ACADEMIC RECORD

3329722

09 July 2024

Lachlan Martin COOKE

Awarded and Conferred Bachelor of Mathematics with a major in the studies of Mathematics and Statistics on 30 April 2024 with Distinction

Awarded and Conferred Bachelor of Electrical and Electronic Engineering (Honours) on 17 June 2024 with Honours Class I

Term/ Program	Course Code	Course Name	Unit Value	% Mark	Grade	Units Earned
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Semester 1 - 2019

Program: B Elec&E Eng (Hons)/BSc

ENGG	1003	Introduction to Procedural Programming	10	98	HD	10
ENGG	1500	Introduction to Professional Engineering	10	75	D	10
MATH	1110	Mathematics for Engineering, Science and Technology 1	10	99	HD	10
PHYS	1210	Advanced Physics I	10	89	HD	10

Awarded the FEBE Excellence in Year 12 Scholarship and the the Vice-Chancellor's Award for Academic Excellence in Year 12.

Semester 2 - 2019

Program: B Elec&E Eng (Hons)/BSc

ELEC	1310	Introduction to Electrical Engineering	10	93	HD	10
ELEC	1710	Digital and Computer Electronics 1	10	100	HD	10
MATH	1120	Mathematics for Engineering, Science and Technology 2	10	98	HD	10
PHYS	1220	Advanced Physics II	10	94	HD	10

Placed on Faculty Commendation List 2019 - Faculty of Engineering and Built Environment

Awarded the Physics Staff Prize in PHYS1220 Advanced Physics II.

Semester 1 - 2020

Program: B Elec&E Eng (Hons)/BSc

ELEC	2320	Electrical and Electronic Circuits	10	97	HD	10
ELEC	2720	Introduction to Embedded Computing	10	95	HD	10
ENGG	2500	Sustainable Engineering Practice	10	95	HD	10
MATH	2310	Calculus of Science and Engineering	10	100	HD	10

Semester 2 - 2020

Program: B Elec&E Eng (Hons)/B Math

Granted 120 units credit including PHYS1210, MATH1110, ENGG1500, ENGG1003, ELEC1310, ELEC1710, MATH1120, PHYS1220, MATH2310, ELEC2320, ELEC2720 and ENGG2500 on the basis of previous studies undertaken at the University of Newcastle in 2019-2020.

ELEC	2132	Electric Energy Systems	10	97	HD	10
ELEC	2430	Circuits and Signals	10	99	HD	10
MATH	1800	Mathematical Modelling	10	99	HD	10
STAT	2110	Engineering Statistics	10	97	HD	10

Placed on Faculty Commendation List 2020 - Faculty of Engineering and Built Environment

Semester 1 - 2021

Program: B Elec & E Eng (Hons)/B Math

ELEC	3130	Electric Machines and Power Systems	10	97	HD	10
ENGG	3500	Managing Engineering Projects	10	98	HD	10
MATH	2340	Linearity and Continuity 1	10	100	HD	10
MATH	2800	Ordinary Differential Equations	10	95	HD	10





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Semester 2 - 2021

Program: B Elec & E Eng (Hons)/B Math

ELEC	3240	Analog Electronics	10	88	HD	10
ELEC	3540	Analog and Digital Communications	10	95	HD	10
ENGG	2440	Modelling and Control	10	100	HD	10
MATH	2350	Linearity and Continuity 2	10	98	HD	10

Placed on the College Commendation List - College of Engineering Science and Environment
Awarded the Institution of Engineering & Technology (IET) Prize 2021.

Semester 1 - 2022

Program: B Elec & E Eng (Hons)/B Math

ELEC	3400	Signal Processing	10	97	HD	10
ELEC	3410	Control System Design	10	97	HD	10
MATH	3205	Fourier Analysis	10	86	HD	10
PHYS	2211	Modern Physics 1	10	97	HD	10

Semester 2 - 2022

Program: B Elec & E Eng (Hons)/B Math

ENGG	3300	Machine Learning for Engineers	10	100	HD	10
ENGG	4440	Nonlinear Control and Estimation	10	100	HD	10
MATH	2242	Complex Analysis	10	99	HD	10
MATH	3700	Partial Differential Equations	10	94	HD	10

Placed on the College Commendation List - College of Engineering Science and Environment

Semester 1 - 2023

Program: B Elec & E Eng (Hons)/B Math

ELEC	4840A	Final Year Engineering Project Part A	10		NA	--
MATH	3120	Algebra	10	90	HD	10
MATH	3820	Numerical Methods	10	99	HD	10
MENG	4210	Medical and Industrial Electronic Product Design	10	94	HD	10

Semester 2 - 2023

Program: B Elec & E Eng (Hons)/B Math

ELEC	4720	Programmable Logic Design	10	92	HD	10
ELEC	4840B	Final Year Engineering Project Part B	20	91	HD	30
MATH	3170	Number Theory	10	97	HD	10

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END OF TRANSCRIPT





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AUSTRALIA

STATEMENT OF ACADEMIC RECORD

THE UNIVERSITY OF NEWCASTLE CALLAGHAN NSW 2308 AUSTRALIA

This Statement of Academic Record shows details of results in all courses attempted and whether a student has qualified for the award

GRADING INFORMATION

Grading Scale

HD	85 - 100	High Distinction
D	75 - 84	Distinction
C	65 - 74	Credit
P	50 - 64	Pass
UP		Ungraded Pass
FF		Fail

Administrative Codes

I	Incomplete, 'I' results are automatically converted to 'FF' after 90 Days
S	Special Consideration, 'S' results are automatically converted to 'FF' after 180 days
NA	Grade not applicable
-	Grade or score not applicable

NOTES

Grades within the Faculty of Engineering and Built Environment have been expressed as percentage marks since 1985 (eg 75). For other faculties prior to 1999, results were shown as a grade according to the grading scale above. From 1999, both percentage marks and grades are shown on academic records for all faculties.

Prior to 2001 a 'CP' (Conceded Pass) could be used for marks between 45 - 49

The University was established in 1951 as a College of the University of New South Wales and, by Act of the NSW Parliament, was granted autonomous status as the University of Newcastle on 1 January 1965. On 1 November 1989 the Hunter Institute of Higher Education and the Newcastle Branch of the NSW Conservatorium of Music amalgamated with the University of Newcastle.



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