Australian National University

TRANSCRIPT OF ACADEMIC RECORD

NAME	STUDENT No.
OLIVER RAINER IGNETIK	**5012063**

AWARD AND PROGRAM SUMMARY

DESCRIPTION	STATUS	DATE
BACHELOR OF ENGINEERING (HONOURS)	ACTIVE	
BACHELOR OF SCIENCE	ACTIVE	

ENROLMENT DETAILS

COURSE CODE	COURSE TITLE	UNITS TAKEN	MARK	GRADE

UNDERGRADUATE | GPA: 4.944

4706 BACHELOR OF ENGINEERING/BACHELOR OF SCIENCE

2012 FIRST SEMESTER

COURSE CODE	COURSE TITLE	UNITS TAKEN	MARK	GRADE
ENGN1211	DISCOVERING ENGINEERING	6	75	D
MATH1003	ALGEBRA AND CALCULUS METHODS	6	61	CR
MATH1042	PHILOSOPHY OF THE COSMOS	6	69	CR
PHYS1101	PHYSICS I	6	63	CR

2012 SECOND SEMESTER

COURSE CODE	COURSE TITLE	UNITS TAKEN	MARK	GRADE
BIOL1008	HUMAN BIOLOGY	6		WD *
MATH1013	MATHEMATICS AND APPLICATIONS 1	6		WD *

2013 FIRST SEMESTER

COURSE CODE	COURSE TITLE	UNITS TAKEN	MARK	GRADE
ENGN1215	ENGINEERING SCIENCES	6	74	D
MATH1013	MATHEMATICS AND APPLICATIONS 1	6	84	HD

2013 SECOND SEMESTER

COURSE CODE	COURSE TITLE	UNITS TAKEN	MARK	GRADE
ENGN1218	INTRODUCTION TO ELECTRONICS	6	89	HD
MATH1014	MATHEMATICS AND APPLICATIONS 2	6	86	HD
PHYS1201	PHYSICS 2	6	72	D

2014 FIRST SEMESTER

COURSE CODE	COURSE TITLE	UNITS TAKEN	MARK	GRADE
COMP1100	INTRODUCTION TO PROGRAMMING AND ALGORITHMS	6		NCN
ENGN2218	ELECTRONIC SYSTEMS AND DESIGN	6	57	P
MATH2305	DIFFERENTIAL EQUATIONS AND APPLICATIONS	6	62	CR
PHYS2013	QUANTUM MECHANICS	6	63	CR

2014 SECOND SEMESTER

COURSE CODE	COURSE TITLE	UNITS TAKEN	MARK	GRADE
ASTR3002	BLACK HOLES AND COSMOLOGY	6	60	CR
ENGN1217	INTRODUCTION TO MECHANICS	6	79	D
MATH2306	PARTIAL DIFFERENTIAL EQUATIONS AND APPLICATIONS	6	71	D
PHYS2016	ELECTROMAGNETISM	6	72	D

2015 FIRST SEMESTER

COURSE CODE	COURSE TITLE	UNITS TAKEN	MARK	GRADE
ENGN2217	MECHANICAL SYSTEMS AND DESIGN	6	63	CR

Certified Correct *(see reverse side for gradings)*

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Ariel Edge
Registrar, Student Administration
10 July 2019

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OLIVER RAINER IGNETIK	**5012063**

ENROLMENT DETAILS

	COURSE CODE	COURSE TITLE	UNITS TAKEN	MARK	GRADE
	MATH3511	SCIENTIFIC COMPUTING	6	72	D
	PHYS2020	THERMAL AND STATISTICAL PHYSICS	6	62	CR
2015	**SECOND SEMESTER**				
	COMP1730	PROGRAMMING FOR SCIENTISTS	6	63	CR
	ENGN2228	SIGNAL PROCESSING	6	60	CR
	ENGN4625	POWER ELECTRONICS	6	65	CR
2016	**FIRST SEMESTER**				
	ENGN2219	COMPUTING FOR ENGINEERING SIMULATION	6	54	P
	ENGN2225	SYSTEMS ENGINEERING DESIGN	6	80	HD
	ENGN3226	DIGITAL COMMUNICATIONS	6	0	N
2016	**SECOND SEMESTER**				
	COMP1110	INTRODUCTION TO SOFTWARE SYSTEMS	6		NCN
	ENGN2226	SYSTEMS ENGINEERING ANALYSIS	6	58	P
	PHYS3035	FOURIER SYSTEMS AND OPTICS	6	60	CR
2017	**FIRST SEMESTER**				
	ENGN3213	DIGITAL SYSTEMS AND MICROPROCESSORS	6	68	CR
	ENGN3221	ENGINEERING MANAGEMENT	6	72	D
	ENGN3226	DIGITAL COMMUNICATIONS	6	64	CR
	ENGN4537	DISCRETE-TIME SIGNAL PROCESSING	6	57	P
2017	**SECOND SEMESTER**				
	ENGN4536	WIRELESS COMMUNICATIONS	6	66	CR
2018	**FIRST SEMESTER**				
	ENGN3331	SYSTEM DYNAMICS	6	62	CR
2019	**FIRST SEMESTER**				
	ENGN4221	SYSTEMS ENGINEERING PROJECT	6	72	D
2019	**SECOND SEMESTER**				
	ENGN3230	ENGINEERING INNOVATION	6		
	ENGN4200	INDIVIDUAL PROJECT	6		

total number of courses printed on academic transcript: 40

Entries below this line are NOT VALID

C e r t i f i e d   C o r r e c t *(see reverse side for gradings)*
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The Australian National University   Transcript of Academic Record

Explanation of grades and codes

Key to grades and codes				
HD	High Distinction	80 - 100	DA	Deferred assessment
D	Distinction	70 - 79	IP	In progress (continuing course)
CR	Credit	60 - 69	KU	Continuing course
P	Pass	50 - 59	EE	Enrolled elsewhere
CRS	Course requirements satisfied	ungraded pass	EXE	Exemption external (no unit value)
PS	Pass at supplementary exam	50	EXI	Exemption internal (no unit value)
HLP	Higher level pass (Medical School)	higher ungraded pass	PX	Offered supplementary assessment
N	Fail	0 - 49	RC	Research continuing
NCN	Not completed/Fail	not graded	RP	Result pending
WD	Withdrawn without failure	not graded	STE	Status external (external credit)
WN	Withdrawn with failure	not graded	STI	Status internal (internal credit)
H1	First Class Honours	80 - 100	TS	Thesis submitted
H2A	Second Class Honours Division A	70 - 79	WA	Grade withheld for administrative reason
H2B	Second Class Honour Division B	60 - 69	WF	Grade withheld for non payment of fees
H3	Third Class Honours	50 - 59		

GPA, previous grades and unit values

ANU calculates GPA on a 7-point scale.

*Indicates a grade is not included in the GPA calculation. For further information including program exclusions, please go to **anu.edu.au**

The majority of courses offered at ANU are valued at 6 units. The normal maximum load in a semester or half-year is 24 units (normally 4 courses). Undertaking 18-24 units per half-year is considered a full-time study load. ANU considers 30 European Credit Transfer System (ECTS) credits as equivalent to 24 ANU units.

In 1994 a uniform grading system was introduced for all coursework students. Since 1994 the mark, as well as the grade obtained, has been disclosed on the Transcript of Academic Record. Details of grades and codes prior to 1994, prior unit value equivalencies and unit requirements for degree programs are available at **anu.edu.au**

Program status

Status codes	
Active	Currently holds an active place in the program
Completed	Satisfied academic requirements for award
Awarded	Award conferred
Discontinued	Ceased enrolment prior to the completion of the program (includes internal program transfers)
Excluded	Excluded from the program

Semesters and sessions

Coursework programs		Research programs	
First Semester	February - June	First Semester	1 January - 30 June
Second Semester	July - November	Second Semester	1 July - 31 December
Summer Session	January - March	Quarter 1	January - March
Autumn Session	April - June	Quarter 2	April - June
Winter Session	July - September	Quarter 3	July - September
Spring Session	October - December	Quarter 4	October - December

Other information

Details of programs and courses may be found at **programsandcourses.anu.edu.au**

Document security

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These explanations are authorised by the Registrar and are current as of 1 January 2015. Subsequent amendments are available at **anu.edu.au**