ENROLMENT SERVICES
CALGARY, ALBERTA, CANADA T2N 1N4

TRANSCRIPT OF ACADEMIC RECORD

▶ INFORMATION TO ASSIST IN EVALUATING TRANSCRIPT ON REVERSE.

▶ THIS DOCUMENT IS OFFICIAL ONLY IF ORIGINAL AND BEARING REGISTRAR'S SIGNATURE AND THE UNIVERSITY SEAL. CERTIFIED TRUE STATEMENT OF ACADEMIC RECORD. STUDENT IN GOOD STANDING UNLESS OTHERWISE NOTED.

Name: Ross Joseph Bartlett
Student ID: 10145790
Birthdate: Sep 21

Print Date: 2018-01-17

REGISTRAR

Reason: Issued to Student

----- Awards and Scholarships -----

2015	Edna Lancaster Memorial Bursary
2017	Owen Family Scholarships

----- Beginning of Undergraduate Programs Record -----

Fall 2014

Program: Science Bachelor
Bachelor of Science (Degree Stream)
Chemistry (Major)

Course		Description	Attempted	Earned	Grade	Points
ANTH	201	IntroPrimatol&HumanEvolution	3.00	3.00	A-	11.100
CHEM	211	Found Chem:Structure& Bonding	3.00	3.00	A	12.000
GEOG	213	Geography Of World Affairs	3.00	3.00	A-	11.100
MATH	265	University Calculus I	3.00	3.00	A	12.000
PHYS	221	Mechanics	3.00	3.00	A	12.000

Term GPA: 3.88   Term Totals: 15.00 15.00 58.200

Winter 2015

Program: Science Bachelor
Bachelor of Science (Degree Stream)
Chemistry (Major)

Course		Description	Attempted	Earned	Grade	Points
ARKY	205	Ancient Peoples And Places	3.00	3.00	A	12.000
CHEM	213	Found of Chem:Chng&Equil	3.00	3.00	A-	11.100
MATH	267	University Calculus II	3.00	3.00	B+	9.900
PHYS	223	IntroElectromagnet,ThermalPhys	3.00	3.00	A	12.000
PSYC	203	Psychology for Everyday Life	3.00	3.00	A	12.000

Term GPA: 3.80   Term Totals: 15.00 15.00 57.000

Dean's List - Faculty of Science

Spring 2015

Program: Science Bachelor
Bachelor of Science (Degree Stream)
Chemistry (Major)

Course		Description	Attempted	Earned	Grade	Points
MATH	211	Linear Methods I	3.00	3.00	A+	12.000

Term GPA: 4.00   Term Totals: 3.00 3.00 12.000

Fall 2015

Program: Science Bachelor
Bachelor of Science (Degree Stream)
Chemistry (Major)

Course		Description	Attempted	Earned	Grade	Points
GRST	209	ClassicalMythology&Literature	3.00	3.00	A+	12.000
MATH	177	Further Topics from Math 277	0.75	0.75	CR	
PHYS	323	Optics & Electromagnetism	3.00	3.00	A	12.000
STAS	325	Tech Within Contemp Society	3.00	3.00	A-	11.100

Term GPA: 3.90   Term Totals: 9.75 9.75 35.100

Winter 2016

Program: Science Bachelor
Bachelor of Science (Degree Stream)
Chemistry (Major)

Course		Description	Attempted	Earned	Grade	Points
CHEM	357	IndustrialOrganicChem-Engineer	3.00	3.00	A	12.000
COMS	363	Prof Technical Communication	3.00	3.00	A-	11.100
PHIL	259	Sex, Love and Death	3.00	3.00	A	12.000

Term GPA: 3.90   Term Totals: 9.00 9.00 35.100

Fall 2016

Program: Bachelor's Degree in the Schulich School of Engineering
Bachelor of Science (Degree Stream)

Course		Description	Attempted	Earned	Grade	Points
ENGG	200	ENGG Design & Communication	3.00	3.00	A	12.000
ENGG	233	Computing For Engineers	3.00	3.00	A	12.000
ENGG	319	Probability & Stats For Eng	3.00	3.00	A-	11.100
MATH	375	Diff Equations Eng & Scie	3.00	3.00	B+	9.900

Term GPA: 3.75   Term Totals: 12.00 12.00 45.000

Winter 2017

Program: Bachelor's Degree in the Schulich School of Engineering
Bachelor of Science (Degree Stream)

Course		Description	Attempted	Earned	Grade	Points
ENGG	201	BehaviourOfLiquidsGases&Soli	3.00	3.00	A+	12.000
ENGG	202	Engineering Statics	3.00	3.00	A	12.000
ENGG	225	Fund Electrical Circ & Machine	3.00	3.00	A	12.000

Term GPA: 4.00   Term Totals: 9.00 9.00 36.000

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UNIVERSITY OF CALGARY

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Name: Ross Joseph Bartlett
Student ID: 10145790
Birthdate: Sep 21

Print Date: 2018-01-17

REGISTRAR

Spring 2017

Program: Bachelor's Degree in the Schulich School of Engineering
Bachelor of Science (Degree Stream)

Course		Description	Attempted	Earned	Grade	Points
ENGG	513	Role&RespProfEnggInSociety	3.00	3.00	A+	12.000

Term GPA: 4.00 Term Totals: 3.00 3.00 12.000

Fall 2017

Program: Bachelor's Degree in the Schulich School of Engineering
Bachelor of Science (Degree Stream)
Software Engineering (Major)

Course		Description	Attempted	Earned	Grade	Points
ENCM	339	Programming Fundamentals	3.00	3.00	A	12.000
ENEL	353	Digital Circuits	3.00	3.00	A	12.000
ENGG	209	(Econ209)EngineeringEconomics	3.00	3.00	A	12.000
PHYS	369	Acoustics, Optics & Radiation	3.00	3.00	A-	11.100

Term GPA: 3.92 Term Totals: 12.00 12.00 47.100

Winter 2018

Program: Bachelor's Degree in the Schulich School of Engineering
Bachelor of Science (Degree Stream)
Software Engineering (Major)

Course		Description	Attempted	Earned	Grade	Points
CPSC	319	Data Struc, Algorithms & Appl	3.00	0.00	IP	
ENCM	369	Computer Organization	3.00	0.00	IP	
ENEL	327	Signals and Transforms	3.00	0.00	IP	
ENSF	409	Principles of Software Develop	3.00	0.00	IP	
MATH	271	Discrete Mathematics	3.00	0.00	IP	

Term Totals: 0.00 0.00

----- End of Transcript -----

UNIVERSITY OF CALGARY

RECOGNIZED STANDARD

The University of Calgary, established under the Statutes of the Province of Alberta, is a member of the Association of Commonwealth Universities and of the Association of Universities and Colleges of Canada.

THE ACADEMIC YEAR

In May 1973 the University began operating under a four session organization. The length of sessions, exclusive of the examination periods, are:

Fall:	September to December (13 weeks)
Winter:	January to April (13 weeks)
Spring:	May to June (6 to 7 weeks)
Summer:	July to August (6 weeks)

Courses offered during the Spring/Summer carry the same weight as if offered in the Fall/Winter Sessions.

Prior to Spring 1973 the University conducted a Winter Session of 2 thirteen week terms and Summer Session of 6 weeks during the academic year (July 1-June 30).

In January 2007, the University replaced the word Session with Term.

COURSE NUMBERING

Courses at the freshman level (immediately following Grade 12) are generally numbered in the 100's and 200's, senior courses 300's and 400's and upper level undergraduate courses 500's. Graduate courses may be 500's, 600's and 700's. In certain upper level undergraduate and graduate level courses, a decimal system may be used to identify different subject matter which may change from year to year but with the same course title and the same basic three digit number. There are also courses numbered 001-099 which are not restricted to a particular level of study.

Since July 1971 all even numbered courses denote full courses normally offered for 26 weeks over the Fall/Winter Sessions and all odd numbered courses denote half courses or less normally offered over 1 thirteen week session. Effective July 2003, this distinction was removed.

Effective July 1983, some courses numbered in the 100's may not have been counted toward degree requirements. Prior to this date, certain 100 level courses could be counted toward degree requirements in some programs.

EXPLANATION OF CODES

In January 2007, the University adopted a framework of course weights, as follows:
Earned - Course Weight: 6 = Full Course, 3 = Half Course, 1.5 = Quarter Course, .75 = Eighth Course.
This change was applied retroactively to all courses offered in previous years.

CREDIT/FAIL

Information about student performance in programmes where all or most courses are credit (CR) graded, (also known as pass/fail), may be obtained by contacting the faculty offering the programme.

Grading System – Effective September 1975
Undergraduate and Graduate Grading

Grade	Grade Point Value (GPV)	Description
A+	4.0	Honourific – outstanding performance (effective September 2002).
A	4.0	Excellent – superior performance, showing comprehensive understanding of subject matter.
A-	3.7	
B+	3.3	
B	3.0	Good – clearly above average performance with knowledge of subject matter generally complete.
B-	2.7	Graduate Studies: the minimum passing grade is B-; however, a GPA of 3.0 (B) is required each year.
C+	2.3	
C	2.0	Satisfactory – basic understanding of the subject matter.
C-	1.7	
*D+	1.3	
*D	1.0	Minimal pass – marginal performance; generally insufficient preparation for subsequent courses in the same subject.
F	0	Fail – unsatisfactory performance or failure to meet course requirements.
I	0	Incomplete – unsatisfactory (effective January 2007).

*Passing grades: the number of D and D+ grades acceptable for credit is subject to specific faculty promotional policy.

Symbols:

SGR	Supplemental granted
AE	Aegrotat standing
AU	Auditor
*CR	Completed Requirements
X	Grade not reported
DFT	Deferred term work
DFE	Deferred final examination
SFE	Special deferred final examination
RTW	Required to Withdraw
W	Withdrew
RMW	Remedial work required
MT	Multi term (effective January 2007)
GP	Grade pending (effective September 2006)
I	Incomplete

*Courses which carry no weight in the determination of grade point averages but which may be required in certain programs. Failure to complete requirements is recorded as an F but not computed in the GPA.

PRIOR TO SEPTEMBER 1975

Undergraduate & Graduate Grading		Graduate Grading only (Effective Sept. 1973) - in courses numbered 600 or higher		
Grade	Grade Point Value	Grade	Grade Point Value	Description
A+	4	A+	4	Outstanding
A	4	A	4	Excellent
A-	4	A-	3.70	-
B+	3	B+	3.30	Good
B	3	B	3	Satisfactory
B-	3	B-	2.70	-
C	2	C	2	Fail
D	1	D	1	Fail
F	0	F	0	Fail

PRIOR TO SEPTEMBER 1970

From July 1, 1967 to August, 1970 a five point letter grade system was used:
A = 4, B = 3, C = 2, D = 1, F = 0 with the same descriptions as above.

PRIOR TO JULY 1967 – PERCENTAGE GRADES

First Class Standing	80 and above
Second Class Standing	65 – 79
Third Class Standing	50 – 65
Fail (Undergraduate)	below 50

The pass grade for graduate students was 65 or higher.

NOTE: The General Faculties Council of the University has ruled that no conversion of letter grades to numerical grades will be issued.

EXPLANATION OF OTHER SYMBOLS WHICH HAVE BEEN USED PRIOR TO 1970

S	- failure, supplemental granted
F	- failure, no supplemental
N	- credit withheld
Ab.D.	- absent, granted deferred final
Ab.F.	- absent, failed
P	- ungraded pass
IN	- incomplete
WP	- withdrew with permission
AB	- absent from final exam
Inc.	- incomplete