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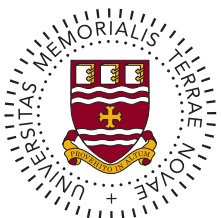
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For details about Memorial University's grading scales, academic standing and continuance policies, please refer to the *Memorial University Transcript Key* attached or visit www.mun.ca/regoff/records/transcript-key.

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SUBJ.	COURSE NUMBER	COURSE TITLE	GRADE	MARK	POINTS	CREDIT HOURS	SUBJ.	COURSE NUMBER	COURSE TITLE	GRADE	MARK	POINTS	CREDIT HOURS
RECORD OF: Hock Hin Derrick Tan 5A Polina Road St. John's NL A1B 3K6							DEGREES/DIPLOMAS AWARDED: Bachelor of Engineering						
ISSUED TO: Hock Hin Derrick Tan Student #: 201838885 Transcript For MyCreds							FACULTY: Engineering & Applied Science MAJOR: Mechanical Engineering MINOR: Not Applicable DATE: 2023 JUNE Awarded The Professional Engineers and Geoscientists Newfoundland and Labrador Award for Excellence						
ESIS_NSN: 0110001000201838885							CURRENT PROGRAM OF STUDY: DEGREE: Bachelor of Engineering FACULTY: Engineering & Applied Science FIRST MAJOR: Engineering (Mechanical)						
Undergraduate Academic Record							TRANSFER CREDITS: Calculus Placement Test 201812-1901						
Dr. S.J. Carew Memorial Scholarship 2018-19 Newfoundland Design Associates Limited Scholarship in Engineering 2018-19 Chevron Canada Ltd. Endowed Scholarship in Business, Earth Sciences, Economics and Engineering 2019-20 Memorial University Golf Tournament Scholarship 2019-20 Dr. Arthur May Memorial Undergraduate Scholarship 2020-21 Honeywell Limited-Honeywell Limitee Scholarship 2020-21 Mr. William J. Finney Scholarship in Mechanical Engineering 2020-21 Roberto Rocca Scholarship in Engineering 2021-22 Wallace Allison MacCallum Memorial Scholarship 2022-23							MATH 1000 Calculus I 3.0						
Faculty of Engineering and Applied Science Dean's List 2018-19 Faculty of Engineering and Applied Science Dean's List 2019-20 Faculty of Engineering and Applied Science Dean's List 2020-21 Faculty of Engineering and Applied Science Dean's List 2021-22							TOTAL: 3.0						
***** CONTINUED IN NEXT COLUMN *****							-----2018-2019 Fall-----						
							CHEM 1050 General Chemistry I A 88 12.0 3.0						
							ENGI 1010 Engineering Statics A 93 12.0 3.0						
							ENGI 1030 Engineering Graphics & Design A 90 12.0 3.0						
							INTG 100B Academic Integrity PAS						
							PHYS 1050 Gen Phys I:Mechanics A 95 12.0 3.0						
							SC 1807 Safety in the Science Lab PAS						
							SC 1808 WHMIS PAS						
							CR. HRS. POINTS AVERAGE GPA						
							CURRENT 12.0 48.0 91.5 4.00						
							CUMULATIVE 15.0 48.0 91.5 4.00						
							ACADEMIC STATUS: Clear Standing						
							-----2018-2019 Winter-----						
							ENGI 1020 Introduction to Programming A 92 12.0 3.0						
							ENGI 1040 Mechanisms & Electric Circuit A 92 12.0 3.0						
							ENGI 200W Professional Dvlpmnt Seminars PAS						
							ENGL 1020 Writing Second Lang Stdnts I A 97 12.0 3.0						
							MATH 1001 Calculus II A 99 12.0 3.0						
							MATH 2050 Linear Algebra I A 89 12.0 3.0						
							PHYS 1051 Gen Phys II:Osc,Waves,Electro A 98 12.0 3.0						
							CR. HRS. POINTS AVERAGE GPA						
							CURRENT 18.0 72.0 94.5 4.00						
							CUMULATIVE 33.0 120.0 93.3 4.00						
							ACADEMIC STATUS: Clear Standing						
							***** CONTINUED ON NEXT PAGE *****						



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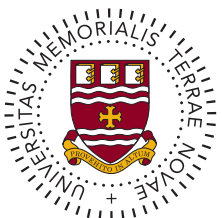
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ACADEMIC TRANSCRIPT

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SUBJ.	COURSE NUMBER	COURSE TITLE	GRADE	MARK	POINTS	CREDIT HOURS	SUBJ.	COURSE NUMBER	COURSE TITLE	GRADE	MARK	POINTS	CREDIT HOURS
-----2018-2019 Spring-----							-----2020-2021 Fall-----						
ENGI	001W	Eng Work Term 1	PAS				ENGI	4102	Engineering Economics	A 95	12.0	3.0	
		Work Term Performance	Outstanding				STAT	2550	Stats for Science Students	A 98	12.0	3.0	
		Technical Report	Satisfactory						CR. HRS. POINTS AVERAGE GPA				
		CR. HRS. POINTS AVERAGE GPA							CURRENT 6.0 24.0 96.5 4.00				
		CURRENT 0.0 0.0 0.0 0.00							CUMULATIVE 76.0 292.0 94.1 4.00				
		CUMULATIVE 33.0 120.0 93.3 4.00							ACADEMIC STATUS: Clear Standing				
-----2019-2020 Fall-----							-----2020-2021 Winter-----						
ENGI	3101	Engineering Professionalism I	A 92	12.0	3.0		ME	5103	Chem & Phys Engi Materials II	A 91	12.0	3.0	
ENGI	3424	Engineering Mathematics	A 99	16.0	4.0		ME	5201	Mechatronics I	A 94	12.0	3.0	
ENGI	3901	Thermodynamics I	A 100	12.0	3.0		ME	5502	Fluid Mechanics II	A 91	12.0	3.0	
ENGI	3911	Chem & Phys Engi Materials I	A 97	12.0	3.0		ME	5602	Mechanics of Solids II	A 87	12.0	3.0	
ENGI	3934	Dynamics	A 96	12.0	3.0				CR. HRS. POINTS AVERAGE GPA				
ENGI	3941	Production Technology	A 86	12.0	3.0				CURRENT 12.0 48.0 90.8 4.00				
		CR. HRS. POINTS AVERAGE GPA							CUMULATIVE 88.0 340.0 93.6 4.00				
		CURRENT 19.0 76.0 95.2 4.00							ACADEMIC STATUS: Clear Standing				
		CUMULATIVE 52.0 196.0 94.0 4.00					-----2020-2021 Spring-----						
-----2019-2020 Winter-----							SOCI	1000	Introduction to Sociology	A 90	12.0	3.0	
ENGI	002W	Eng Work Term 2	PAS						CR. HRS. POINTS AVERAGE GPA				
		Work Term Performance	Above Expectations						CURRENT 3.0 12.0 90.0 4.00				
		Technical Report	Outstanding						CUMULATIVE 91.0 352.0 93.5 4.00				
ENGI	8105	Ethics in Technological World	A 97	12.0	3.0				ACADEMIC STATUS: Clear Standing				
		CR. HRS. POINTS AVERAGE GPA					-----2021-2022 Fall-----						
		CURRENT 3.0 12.0 97.0 4.00					ME	6202	Control Systems I	A 89	12.0	3.0	
		CUMULATIVE 55.0 208.0 94.2 4.00					ME	6303	Mechanical Vibrations	A 92	12.0	3.0	
-----2019-2020 Spring-----							ME	6403	Heat Transfer I	A 100	12.0	3.0	
ENGI	4430	Adv. Calculus for Engineering	A 95	12.0	3.0		ME	6701	Computer Aided Engi Appl	A 89	12.0	3.0	
ENGI	4901	Thermodynamics II	A 87	12.0	3.0		ME	6702	Mechanical Component Design I	A 94	12.0	3.0	
ENGI	4932	Mechanisms and Machines	A 97	12.0	3.0				CR. HRS. POINTS AVERAGE GPA				
ENGI	4934	Mechanics of Solids I	A 90	12.0	3.0				CURRENT 15.0 60.0 92.8 4.00				
ENGI	4961	Fluid Mechanics I	A 94	12.0	3.0				CUMULATIVE 106.0 412.0 93.4 4.00				
		CR. HRS. POINTS AVERAGE GPA							ACADEMIC STATUS: Clear Standing				
		CURRENT 15.0 60.0 92.6 4.00					-----2021-2022 Winter-----						
		CUMULATIVE 70.0 268.0 93.9 4.00					ENGI	003W	Eng Work Term 3	PAS			
ACADEMIC STATUS: Clear Standing									Work Term Performance	Above Expectations			
***** CONTINUED IN NEXT COLUMN *****									Technical Report	Above Expectations			
							SOCI	2110	Economy & Society	A 88	12.0	3.0	
									CR. HRS. POINTS AVERAGE GPA				
									CURRENT 3.0 12.0 88.0 4.00				
									CUMULATIVE 109.0 424.0 93.2 4.00				
									ACADEMIC STATUS: Clear Standing				
							***** CONTINUED ON NEXT PAGE *****						




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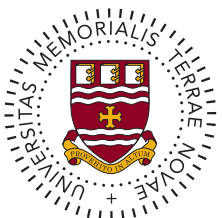
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SUBJ.	COURSE NUMBER	COURSE TITLE	GRADE	MARK	POINTS	CREDIT HOURS	SUBJ.	COURSE NUMBER	COURSE TITLE	GRADE	MARK	POINTS	CREDIT HOURS
-----2021-2022 Spring-----													
ME	7203	Instrumentation & Exp Design	A	89	12.0	3.0							
ME	7205	Mechatronics II	A	85	12.0	3.0							
ME	7220	Guidance, Navigation & Contro	A	93	12.0	3.0							
ME	7703	Mechanical Component Design I	A	88	12.0	3.0							
ME	7704	Mechanical Design Project I	A	81	12.0	3.0							
		CR. HRS. POINTS AVERAGE GPA											
	CURRENT	15.0 60.0		87.2		4.00							
	CUMULATIVE	124.0 484.0		92.5		4.00							
ACADEMIC STATUS: Clear Standing													
-----2022-2023 Fall-----													
EASC	2150	The Solar System	A	92	12.0	3.0							
ENGI	004W	Eng Work Term 4		PAS									
		Work Term Performance		Above Expectations									
		Technical Report		Above Expectations									
		CR. HRS. POINTS AVERAGE GPA											
	CURRENT	3.0 12.0		92.0		4.00							
	CUMULATIVE	127.0 496.0		92.5		4.00							
ACADEMIC STATUS: Clear Standing													
-----2022-2023 Winter-----													
ECE	8610	Filter Synthesis	A	93	12.0	3.0							
ENGI	8152	Engineering Professionalism I	A	94	12.0	3.0							
ME	8305	Model & Simulation Dynamic Sy	B	73	9.0	3.0							
ME	8407	Sustainable Energy Systems	A	91	12.0	3.0							
ME	8705	Mechanical Design Project II	B	77	9.0	3.0							
		CR. HRS. POINTS AVERAGE GPA											
	CURRENT	15.0 54.0		85.6		3.60							
	CUMULATIVE	142.0 550.0		91.7		3.95							
ACADEMIC STATUS: Clear Standing													
***** END OF 3 PAGE TRANSCRIPT *****													



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I. LETTER GRADES, NUMERIC GRADES AND POINTS (Pts) PER CREDIT HOUR (CH)

DATE	LETTER GRADES, NUMERIC GRADES AND POINTS(Pts) PER CREDIT HOUR(CH)					
PRE 1980:	A - 3 Pts	B - 2 Pts	C - 1 Pt	D - 0 Pt	E - 0 Pt	F - 0 Pt
Prior to August, 1968	80 - 100	65 - 79	56 - 64	50 - 55	40 - 49	0 - 39
From September, 1968 To August, 1970	80, 85, 90, 95, 100	65, 70, 75	55, 60	50	45	40 and below
From September, 1970 To August, 1980	80, 85, 90, 95, 100	65, 70, 75	55, 60	50	-	45 and below
FROM 1980 - PRESENT:	A - 4 Pts / CH	B - 3 Pts / CH	C - 2 Pts / CH	D - 1 Pt / CH	E - 0 Pt / CH	F - 0 Pt / CH
From September, 1980 To August, 2001 (Converted Retroactively on Sept. 1, 2001)	80, 85, 90, 95, 100	65, 70, 75	55, 60	50	-	45 and below
From September, 2001 To Present	80 - 100	65 - 79	55 - 64	50 - 54	-	0 - 49

ABS - Permitted Deferred Examination DR - Dropped, No Prejudice FAL - Failure Without Numeric Grade NC - No Grade Expected PWD - Pass With Distinction (No Numeric Grade)
 AEG - Aegrotat DEX - Dropped, Exceptional Circumstances GNR - Grade Not Received NPF - No Paper, Failure REX - Re-Examination Required
 AUD - Audit (Graduate Students Only) DRF - Dropped, Failure INC - Mark Incomplete PAS - Pass Without Numeric Grade

NOTES:

- For credit in Graduate programs, candidates are normally required to obtain a grade of A or B in each course. Refer to the University Calendar for additional information pertaining to minimum grade requirements.
- Calculated values are rounded prior to September 1980 and truncated from September 1980 to present.
- From September 1980 to present the character "E" appearing after the credits for a course indicates the course has been repeated and excluded from credit.

II. CREDIT VALUE

PRE 1980

Please visit website: www.mun.ca/regoff/records/transcript-key/

FROM SEPTEMBER, 1980 TO PRESENT

Each course is designated by an abbreviation of the subject area followed by a four-digit course number. If the four characters are numeric, the course is assigned credit hour value(s). If the fourth character is alphabetic, special rules apply:

- If the fourth character is "A", the course is the first of a two semester linked course, and no credit is given. The letter grade and numeric grade assigned to this course are valid only for the purpose of determining eligibility for readmission to the University and should be disregarded in an overall assessment of the student's academic performance.
- If the fourth character is "B", the course is the second of a two semester linked course, and is assigned credit hours provided the corresponding course ending with "A" has been successfully completed. The grade and points for both parts of the course are the same as those obtained for the "B" part.
- If the fourth character is "C", the course is an English course that does not carry credit towards a degree, diploma or certificate.

(4) If the fourth character is "F" or "N", the course is a one-semester course which does not give formal University credit but is intended to remedy specific academic weaknesses. The letter grade and numeric grade assigned to this course are valid only for the purpose of determining eligibility for readmission to the University (up to fall semester 1997) and should be disregarded in an overall assessment of the student's academic performance.

(5) If the fourth character is "L", the course identifies a period of university-level learning involving residency outside of Canada, normally through the Faculty of Humanities and Social Sciences.

(6) If the fourth character is "M", the course represents an entire semester's work in the Faculty of Medicine and is assigned fifteen semester credit hours. The courses in the semester are also listed but have no individual academic credit value.

(7) If the fourth character is "P", the course represents a Pharmacy Practice Experience (PPE) in the Doctor of Pharmacy Program.

(8) If the fourth character is "T", the course represents a teaching internship or field experience offered by the Faculty of Education.

(9) If the fourth character is "W", the course represents either a Work term in the Co-operative Education Program or a special project in a professional school/faculty. No academic credit value is assigned.

(10) If the fourth character is "X", the course represents an entire semester's work and is assigned fifteen semester credit hours.

Five-digit course numbers are used for some non-degree programs. If the fifth character is "M", the course is part of a certificate or diploma. The course has an individual credit value of one and is not applicable to degree programs.

III. CUMULATIVE AVERAGE AND GPA

When a course is attempted more than once, the best attempt is included in the cumulative average.

If the fourth character of a course number is "A" or "F" or "N" or a non-numeric grading entry, the course is not included in calculating the cumulative average.

Refer to the University Calendar for additional information pertaining to the calculation of averages.