

TRANSCRIPT OF ACADEMIC RECORD

Surname:
Black

Given Names:
David Gregory

Student Number:
XXXXXX

Date of Birth:
XXXXXX

Date Printed:
May 28, 2021

Issued To:
Black, David Gregory
dgblack@student.ubc.ca


REGISTRAR

Note: Transcript valid only if bearing the registrar's signature. This transcript is printed on secure paper on a blue background.

UBC Credentials										
Bachelor of Applied Science In Engineering Physics Co-operative Education Program WITH DISTINCTION Granted: May 19, 2021										
Transfer Credits										
2016 Winter Credits Awarded for Bachelor of Applied Science UBC Vancouver: 36.0										
Winter Session 2016 - 2017										
Bachelor of Applied Science (UBC Vancouver) - Year 1										
Term	Course	Credit Value	Course Title	% Grade	Letter Grade	Credit Rec'd	Stdg	Withdraw Date	Complete Date	Class Size Avg
1	APSC 100	(3.0)	Introduction to Engineering I	90	A+	3.0				208 80
1	APSC 160	(3.0)	Introduction to Computation in Engineering Design	96	A+	3.0				304 78
1	CHEM 154	(3.0)	Chemistry for Engineering	90	A+	3.0				326 73
1	MATH 100	(3.0)	Differential Calculus with Applications to Physical Sciences and Engineering	83	A-	3.0				194 71
1	PHYS 157	(3.0)	Introductory Physics for Engineers I	93	A+	3.0				242 75
2	APSC 101	(3.0)	Introduction to Engineering II	83	A-	3.0				161 73
2	MATH 101	(3.0)	Integral Calculus with Applications to Physical Sciences and Engineering	86	A	3.0				194 68
2	MATH 152	(3.0)	Linear Systems	81	A-	3.0				90 68
2	PHYS 158	(3.0)	Introductory Physics for Engineers II	92	A+	3.0				262 69
2	PHYS 159	(1.0)	Introductory Physics Laboratory for Engineers	84	A-	1.0				48 74
2	PHYS 170	(3.0)	Mechanics I	100	A+	3.0				228 82
Dean's Honour List										
Winter Session 2017 - 2018										
Bachelor of Applied Science (UBC Vancouver) - Year 2										
Term	Course	Credit Value	Course Title	% Grade	Letter Grade	Credit Rec'd	Stdg	Withdraw Date	Complete Date	Class Size Avg
1	CPEN 221	(4.0)	Principles of Software Construction	80	A-	4.0				194 76
1	ELEC 204	(4.0)	Linear Circuits	86	A	4.0				126 79
1	ENPH 259	(3.0)	Experimental Techniques	90	A+	3.0				65 88
1	MATH 217	(4.0)	Multivariable and Vector Calculus	83	A-	4.0				111 73
1	MATH 255	(3.0)	Ordinary Differential Equations	88	A	3.0				42 79
1	MECH 260	(3.0)	Introduction to Mechanics of Materials	82	A-	3.0				124 60
2	APSC 110	(6.0)	Co-operative Work Placement			6.0	P			
A	CIVL 200	(3.0)	Engineering and Sustainable Development	78	B+	3.0			2017/12/01	232 79
Dean's Honour List										
UBC Academic Awards										
Trek Excellence Scholarship for Continuing Students										
Summer Session 2018										
Bachelor of Applied Science (UBC Vancouver) - Year 2										
Term	Course	Credit Value	Course Title	% Grade	Letter Grade	Credit Rec'd	Stdg	Withdraw Date	Complete Date	Class Size Avg
1	ENPH 257	(2.0)	Heat and Thermodynamics	81	A-	2.0				64 78
1	ENPH 270	(2.0)	Mechanics II	86	A	2.0				64 80

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Summer Session 2018 continued...										
Term	Course	Credit Value	Course Title	% Grade	Letter Grade	Credit Rec'd	Stdg	Withdraw Date	Complete Date	Class Size Avg
1	MATH 257	(3.0)	Partial Differential Equations	86	A	3.0				76 79
1	PHYS 250	(3.0)	Introduction to Modern Physics	90	A+	3.0				63 83
1-2	ENPH 253	(5.0)	Introduction to Instrument Design	97	A+	5.0				64 89
Winter Session 2018 - 2019										
Bachelor of Applied Science (UBC Vancouver) - Year 3										
Term	Course	Credit Value	Course Title	% Grade	Letter Grade	Credit Rec'd	Stdg	Withdraw Date	Complete Date	Class Size Avg
1	ELEC 221	(4.0)	Signals and Systems	88	A	4.0				158 71
1	MATH 220	(3.0)	Mathematical Proof	78	B+	3.0				68 58
1	MECH 325	(4.0)	Mechanical Design I	90	A+	4.0				119 77
1	MECH 360	(3.0)	Mechanics of Materials	91	A+	3.0				164 73
1	PHYS 301	(3.0)	Electricity and Magnetism	85	A	3.0				160 71
1	PHYS 304	(3.0)	Introduction to Quantum Mechanics	89	A	3.0				122 73
2	APSC 278	(3.0)	Engineering Materials	95	A+	3.0				237 74
2	APSC 279	(1.0)	Engineering Materials Laboratory	93	A+	1.0				15 87
2	CPEN 312	(3.0)	Digital Systems and Microcomputers	92	A+	3.0				169 75
2	CPSC 221	(4.0)	Basic Algorithms and Data Structures	92	A+	4.0				143 81
2	MATH 305	(3.0)	Applied Complex Analysis	89	A	3.0				97 76
2	MATH 307	(3.0)	Applied Linear Algebra	86	A	3.0				126 67
2	MECH 280	(3.0)	Introduction to Fluid Mechanics	88	A	3.0				65 74
2	PHYS 350	(3.0)	Applications of Classical Mechanics	91	A+	3.0				34 80
Dean's Honour List										
Summer Session 2019										
Bachelor of Applied Science (UBC Vancouver) - Year 3										
Term	Course	Credit Value	Course Title	% Grade	Letter Grade	Credit Rec'd	Stdg	Withdraw Date	Complete Date	Class Size Avg
1-2	APSC 210	(6.0)	Co-operative Work Placement			6.0	P			
Winter Session 2019 - 2020										
As of 16 March 2020, the COVID-19 pandemic disrupted regular academic activities. Modes of instruction and assessment were shifted to on-line activities mid-term, including changes to exam practices and weighting in some cases. Deadlines to withdraw or change to Credit/D/Fail or Pass/Fail grading were extended by some programs.										
Bachelor of Applied Science (UBC Vancouver) - Year 4										
Term	Course	Credit Value	Course Title	% Grade	Letter Grade	Credit Rec'd	Stdg	Withdraw Date	Complete Date	Class Size Avg
1	APSC 310	(6.0)	Co-operative Work Placement			6.0	P			
2	ELEC 341	(4.0)	Systems and Control	97	A+	4.0				120 80
2	ENPH 459	(5.0)	Engineering Physics Project II	95	A+	5.0				65 87
2	MATH 318	(3.0)	Probability with Physical Applications	92	A+	3.0				102 77
2	MATH 400	(3.0)	Applied Partial Differential Equations	90	A+	3.0				57 79
2	PHYS 401	(3.0)	Electromagnetic Theory	97	A+	3.0				83 79
2	PHYS 473	(3.0)	Applied Nuclear Physics	95	A+	3.0				12 87
Dean's Honour List										
UBC Academic Awards										
Edith Grace Buchan Scholarship										
Summer Session 2020										
Bachelor of Applied Science (UBC Vancouver) - Year 4										
Term	Course	Credit Value	Course Title	% Grade	Letter Grade	Credit Rec'd	Stdg	Withdraw Date	Complete Date	Class Size Avg
1-2	APSC 410	(6.0)	Co-operative Education Work Term			6.0	P			
1-2	MECH 431	(3.0)	Engineering Economics	92	A+	3.0				149 86
Winter Session 2020 - 2021										
Bachelor of Applied Science (UBC Vancouver) - Year 5										
Term	Course	Credit Value	Course Title	% Grade	Letter Grade	Credit Rec'd	Stdg	Withdraw Date	Complete Date	Class Size Avg
1	APSC 450	(2.0)	Professional Engineering Practice	81	A-	2.0				342 80
1	CPSC 322	(3.0)	Introduction to Artificial Intelligence	95	A+	3.0				176 84

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Winter Session 2020 - 2021 continued...

Term	Course	Credit Value	Course Title	% Grade	Letter Grade	Credit Rec'd	Stdg	Withdraw Date	Complete Date	Class Size	Avg
1	ELEC 442	(3.0)	Introduction to Robotics	99	A+	3.0				35	73
1	ELEC 474	(3.0)	Biophotonics	93	A+	3.0				12	80
1	ENPH 479	(6.0)	Engineering Physics Project III	93	A+	6.0				45	87
1	MATH 406	(3.0)	Variational and Approximate Methods in Applied Mathematics	96	A+	3.0				30	91
2	CPSC 406	(3.0)	Computational Optimization	92	A+	3.0				52	84
2	ELEC 301	(4.0)	Electronic Circuits	92	A+	4.0				76	79
2	ENPH 352	(2.0)	Laboratory Techniques in Physics	96	A+	2.0				15	83
2	PHYS 403	(3.0)	Statistical Mechanics	85	A	3.0				101	82
2	PHYS 408	(4.0)	Optics	92	A+	4.0				75	82

Dean's Honour List

UBC Academic Awards

Dorothy and Arthur Holt Scholarship

Trek Excellence Scholarship for Continuing Students

Summer Session 2021

Doctor of Philosophy (UBC Vancouver)

Term	Course	Credit Value	Course Title	% Grade	Letter Grade	Credit Rec'd	Stdg	Withdraw Date	Complete Date	Class Size	Avg
1-2	EECE 699	(0.0)	Doctoral Dissertation								

UBC Academic Awards

NSERC Canada Graduate Scholarship Master's Award

***** End of Record *****