

Degrees Awarded

Degree: Bachelor of Science Engineering
Degree Honors: First Class Honours
Plan: Major in Engineering Physics
Sub-Plan: Option in Mechanical
Confer Date: 06/01/2013

Academic Milestones

English Proficiency Test Completed 12/08/2009

Course	Description	Units	Grade	Points
APSC 100B	Practical Engineering Modules	6.00	A	0.0
APSC 112	Electricity And Magnetism	3.50	87	14.0
APSC 132	Chemistry And The Environment	3.50	74	10.5
APSC 142	Intro Computer Program Engrs	3.00	95	12.9
APSC 172	Calculus II	3.50	90	15.0
APSC 174	Introduction To Linear Algebra	3.50	78	11.6
APSC 190B	Professional Engineering Skill	3.50	87	14.0
Term GPA		3.80	Term Totals	
Dean's Scholar		26.50	20.50	78.0

----- Undergraduate Record -----

Academic Program History

09/01/2009: Bachelor of Science Engineer Active in Program
Major in General Engineering

09/01/2010: Bachelor of Science Engineer Active in Program
Major in Engineering Physics
Option in Mechanical

05/17/2013: Bachelor of Science Engineer Completed Program
Major in Engineering Physics
Option in Mechanical

Course	Description	Units	Grade	Points
ELEC 221	Electric Circuits	3.50	84	13.0
MATH 227	Vector Analysis	3.00	84	11.1
MATH 237	Diff Equations & Computer Meth	3.50	87	14.0
MECH 271	Materials Science Engineering	3.50	81	13.0
PHYS 225	Mechanics	3.50	74	10.5
PHYS 242	Relativity And Quanta	3.25	71	8.8
PHYS 251A	Engineering Phys Lab And Stats	0.00	NG	0.0
Term GPA		3.47	Term Totals	
Dean's Scholar		20.25	20.25	70.3

2010 Fall

2011 Winter

2009 Fall

Course	Description	Units	Grade	Points
APSC 100A	Practical Engineering Modules	0.00	NG	0.0
APSC 111	Mechanics	3.50	83	13.0
APSC 131	Chemistry And Materials	3.50	74	10.5
APSC 141	Personal Computers In Engineer	2.00	81	7.4
APSC 151	Earths Physical Environment	4.00	83	14.8
APSC 161	Basic Engineering Graphics	3.50	88	14.0
APSC 171	Calculus I	3.50	89	14.0
APSC 190A	Professional Engineering Skill	0.00	NG	0.0
Term GPA		3.68	Term Totals	
Queen's University Excellence Scholarship		20.00	20.00	73.6

Course	Description	Units	Grade	Points
ECON 112	Introductory Macroeconomics	3.00	80	11.1
MECH 341	Fluid Mechanics II	3.50	89	14.0
PHYS 211	Applied Physics	3.50	83	13.0
PHYS 213	Computational Eng. Physics	3.00	96	12.9
PHYS 231	Eng. Electricity & Magnetism	3.50	90	15.0
PHYS 251B	Engineering Phys Lab And Stats	4.25	86	17.0
PHYS 274	Thermodynamics	3.50	85	14.0
Term GPA		4.00	Term Totals	
Dean's List		24.25	24.25	97.0

2011 Fall

2010 Winter

Course	Description	Units	Grade	Points
ECON 111	Introductory Microeconomics	3.00	A+	12.9
ENPH 334	Electronics For Applied Scient	4.50	A+	19.4
ENPH 344	Intro. To Quantum Mechanics	3.50	A-	13.0
ENPH 354	Eng Physics Design Project	3.50	A+	15.0
MECH 330	Applied Thermo II	3.50	A-	13.0
MTHE 338	Topics In Applied Mathematics	3.50	A+	15.0
Term GPA		4.10	Term Totals	21.50 21.50 88.2

Orville And Carmel Brown Scholarship

2012 Winter

Course	Description	Units	Grade	Points
ENPH 332	Electromagnetic Theory	3.50	A+	15.0
ENPH 345	Quantum Physics Of Atoms	3.50	A-	13.0
ENPH 353	Eng Physics Lab II	2.50	A	10.0
MECH 346	Heat Transfer	3.50	A+	15.0
MECH 350	Automatic Control	3.50	A+	15.0
MECH 480	Aerospace Engineering	3.50	A+	15.0
Term GPA		4.16	Term Totals	20.00 20.00 83.2

Dean's Scholar

2012 Summer

Course	Description	Units	Grade	Points
COMM 251	Organizational Behaviour	3.00	A-	11.1
Term GPA		3.70	Term Totals	3.00 3.00 11.1

2012 Fall

Transfer Credit from Royal Military College

Applied Toward Bachelor of Science Engineer Program

Course	Description	Units	Grade	Points
UNSP	Unspecified	3.00	TR	0.0

UNSP

Course Trans GPA: 0.00 Transfer Totals: 3.00 0.0

Course	Description	Units	Grade	Points
APSC 221	Economic And Business Practice	3.00	A+	12.9
ENPH 454	Adv Eng Physics Design Project	4.50	A-	16.6

Course	Description	Units	Grade	Points
ENPH 455A	Engineering Physics Thesis	0.00	NG	0.0
ENPH 480	Solid State Physics	3.50	A-	13.0
Term GPA		3.86	Term Totals	11.00 11.00 42.5

Orville And Carmel Brown Scholarship

The Donovan Brown Scholarship In Applied Science

2013 Winter

Course	Description	Units	Grade	Points
ENPH 453	Advanced Physics Laboratory	3.50	A-	13.0
ENPH 455B	Engineering Physics Thesis	4.00	A-	14.8
ENPH 495	Intro To Medical Physics	3.00	A-	11.1
MECH 420	Vibrations	3.50	A+	15.0
MECH 444	Computational Fluid Dynamics	3.50	A+	15.0
Term GPA		3.94	Term Totals	17.50 17.50 69.0

Undergraduate Career Totals

Cum GPA: 3.88 Cum Totals 164.00 158.00 612.9

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