

UNIVERSITY OF WATERLOO UNDERGRADUATE UNOFFICIAL TRANSCRIPT

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Date Produced: Jan 11, 2010

Winter 2010 4B Full-Time

Program: Mechatronics Engineering, Honours, Co-operative Program

Economics Minor

		Units					
Course	Description	Attempt/Earn	Grade	Credit	InGPA	Desig	DesGrd
CS 476	Numeric Computation for Financial Modeling	0.50/0.00					
ME 321	Kinematics and Dynamics of Machines	0.50/0.00					
ME 482	Mechanical Engineering Project	0.50/0.00					
MSCI 431	Stochastic Models and Methods	0.50/0.00					
MTE 322	Electromechanical Machine Design	0.50/0.00					
SYDE 554	Systems Models 2	0.50/0.00					

Term summary statistics available on May 25, 2010

Fall 2009 4A Full-Time

Program: Mechatronics Engineering, Honours, Co-operative Program
 Economics Minor

		Units					
Course	Description	Attempt/Earn	Grade	Credit	InGPA	Desig	DesGrd
ECE 484	Digital Control	0.50/0.50	70	Y	Y		
	Applications						
ME 250	Thermodynamics 1	0.50/0.50	60	Y	N	DRNA	
ME 360	Introduction to Control	0.50/0.50	67	Y	Y		
	Systems						
ME 459	Energy Conversion	0.50/0.50	85	Y	Y		
ME 481	Mechanical Engineering	0.50/0.50	83	Y	Y		
	Design Project						
MSCI 331	Introduction to	0.50/0.50	80	Y	Y		
	Optimization						
WKRPT 400	Work-term Report	0.13/0.13	89	Y	N	DRNA	

Term summary statistics available on Jan 25, 2010

Winter 2009 3B Full-Time

Abroad

Program: Mechatronics Engineering, Honours, Co-operative Program
 Economics Minor

Units

Course	Description	Attempt/Earn	Grade	Credit	InGPA	Desig	DesGrd
ECON 361	Cost-Benefit Analysis and Project Evaluation	0.50/0.50	70	Y	Y		
GENE 22A	Topics for List A Complementary Studies Courses Taken on Exchange by Engineering Students	0.50/0.50	CR	Y	N		
Topic 15: Social & Cultural Hist of Tech							
ME 351	Fluid Mechanics 1	0.50/0.50	CR	Y	N		
ME 380	Mechanical Engineering Design Workshop	0.50/0.50	CR	Y	N		
MSCI 261	Engineering Economics: Financial Management for Engineers	0.50/0.50	CR	Y	N		
Term Avg	70.00	Term Units In Avg	0.50	Term Units Earned	2.50		
Cumulative Avg	74.82	Total Units In Avg	11.25	Total Units Earned	20.14		
Total Units Taken	17.64	Total Units Passed	17.64				
		Total Transfer Units	0.00				

Academic Standing: Decision not applicable

Notes: Courses taken while on exchange at Ecole Polytechnique de
Lausanne Switzerland

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		Units					
Course	Description	Attempt/Earn	Grade	Credit	InGPA	Desig	DesGrd
COOP 5	Co-operative Work Term		CR	N	N		
PDENG 55	Professional Development	0.50/0.50	CR	Y	N		
	- Integration						
Term Avg	0.00	Term Units In Avg	0.00	Term Units Earned			0.50
Cumulative Avg	75.05	Total Units In Avg	10.75	Total Units Earned			15.51
Total Units Taken	13.01	Total Units Passed	13.01				
		Total Transfer Units	0.00				

Winter 2008 2B Part-Time Co-op Work

Program: Mechatronics Engineering, Honours, Co-operative Program
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		Units					
Course	Description	Attempt/Earn	Grade	Credit	InGPA	Desig	DesGrd
COOP 4	Co-operative Work Term		CR	N	N		
ECON 371	Business Finance 1	0.50/0.50	87	Y	N	DRNA	
PDENG 45	Professional Development	0.50/0.50	CR	Y	N		
	- Leadership						
Term Avg	0.00	Term Units In Avg	0.00	Term Units Earned			1.00

Cumulative Avg	75.05	Total Units In Avg	10.75	Total Units Earned	15.01
Total Units Taken	13.01	Total Units Passed	13.01		
		Total Transfer Units	0.00		

Academic Standing: Decision not applicable

Fall 2007 2B Full-Time

Program: Mechatronics Engineering, Honours, Co-operative Program

Economics Minor

		Units					
Course	Description	Attempt/Earn	Grade	Credit	InGPA	Desig	DesGrd
ECON 201	Microeconomic Theory 1	0.50/0.50	79	Y	N	DRNA	
MTE 203	Advanced Calculus	0.50/0.50	71	Y	Y		
MTE 204	Numerical Methods	0.50/0.50	76	Y	Y		
MTE 220	Sensors and Instrumentation	0.50/0.50	71	Y	Y		
MTE 241	Introduction to Computer Structures & Real-Time Systems	0.50/0.50	65	Y	Y		
SYDE 252	Linear Systems and Signals	0.50/0.50	72	Y	Y		
WKRPT 200	Work-term Report	0.13/0.13	75	Y	N		

Term Avg	71.00	Term Units In Avg	2.50	Term Units Earned	3.13
Cumulative Avg	75.05	Total Units In Avg	10.75	Total Units Earned	14.01

Academic Standing: Good standing

Academic Standing: Decision not applicable

Winter 2007 2A Full-Time

Program: Mechatronics Engineering, Honours, Co-operative Program

		Units					
Course	Description	Attempt/Earn	Grade	Credit	InGPA	Desig	DesGrd
ME 262	Introduction to Microprocessors and Digital Logic	0.50/0.50	87	Y	Y		
MTE 201	Experimental Measurement & Statistical Analysis	0.50/0.50	74	Y	Y		
MTE 202	Ordinary Differential Equations	0.50/0.50	77	Y	Y		
MTE 219	Mechanics of Deformable Solids	0.50/0.50	73	Y	Y		
SYDE 182	Physics 2 (Dynamics)	0.50/0.50	76	Y	Y		
Term Avg	77.40	Term Units In Avg	2.50	Term Units Earned			2.50
Cumulative Avg	76.27	Total Units In Avg	8.25	Total Units Earned			9.38
Total Units Taken	8.38	Total Units Passed	8.38				
		Total Transfer Units	0.00				

Academic Standing: Good standing

Fall 2006 1B Part-Time Co-op Work

Program: Mechatronics Engineering, Honours, Co-operative Program

Units

Course	Description	Attempt/Earn	Grade	Credit	InGPA	Desig	DesGrd
COOP 2	Co-operative Work Term		CR	N	N		
PDENG 25	Professional Development	0.50/0.50	CR	Y	N		
	- Critical Analysis						
Term Avg	0.00	Term Units In Avg	0.00	Term Units Earned			0.50
Cumulative Avg	75.78	Total Units In Avg	5.75	Total Units Earned			6.88
Total Units Taken	5.88	Total Units Passed	5.88				
		Total Transfer Units	0.00				

Spring 2006 1B Full-Time

Program: Mechatronics Engineering, Honours, Co-operative Program

Units

Course	Description	Attempt/Earn	Grade	Credit	InGPA	Desig	DesGrd
ECON 102	Introduction to	0.50/0.50	82	Y	Y		
	Macroeconomics						
MATH 118	Calculus 2 for	0.50/0.50	75	Y	Y		
	Engineering						
MTE 111	Structure and Properties	0.50/0.50	73	Y	Y		
	of Materials						
MTE 119	Statics	0.50/0.50	70	Y	Y		
MTE 120	Circuits	0.50/0.50	75	Y	Y		
MTE 140	Algorithms and Data	0.50/0.50	80	Y	Y		
	Structures						

WKRPT 100 Work-term Report 0.13/0.13 75 Y N

Term Avg	75.83	Term Units In Avg	3.00	Term Units Earned	3.13
Cumulative Avg	75.78	Total Units In Avg	5.75	Total Units Earned	6.38
Total Units Taken	5.88	Total Units Passed	5.88		
		Total Transfer Units	0.00		

Academic Standing: Good standing

Winter 2006 1A Part-Time Co-op Work

Program: Mechatronics Engineering, Honours, Co-operative Program

Units							
Course	Description	Attempt/Earn	Grade	Credit	InGPA	Desig	DesGrd
COOP 1	Co-operative Work Term		CR	N	N		
PDENG 15	Professional Development	0.50/0.50	CR	Y	N		
	- Overview						

Term Avg	0.00	Term Units In Avg	0.00	Term Units Earned	0.50
Cumulative Avg	75.73	Total Units In Avg	2.75	Total Units Earned	3.25
Total Units Taken	2.75	Total Units Passed	2.75		
		Total Transfer Units	0.00		

Fall 2005 1A Full-Time

Program: Mechatronics Engineering, Honours, Co-operative Program

		Units					
Course	Description	Attempt/Earn	Grade	Credit	InGPA	Desig	DesGrd
CHE 102	Chemistry for Engineers	0.50/0.50	77	Y	Y		
GENE 121	Digital Computation	0.50/0.50	81	Y	Y		
MATH 115	Linear Algebra for Engineering	0.50/0.50	81	Y	Y		
MATH 116	Calculus 1 for Engineering	0.50/0.50	68	Y	Y		
MTE 100	Mechatronics Engineering	0.75/0.75	73	Y	Y		

Term Avg	75.73	Term Units In Avg	2.75	Term Units Earned	2.75
Cumulative Avg	75.73	Total Units In Avg	2.75	Total Units Earned	2.75
Total Units Taken	2.75	Total Units Passed	2.75		
		Total Transfer Units	0.00		

Academic Standing: Good standing

Non-Course Milestones

English Proficiency	Completed	September 30, 2005
Work Report 1	Completed	April 30, 2006
Work Report 2	Completed	December 30, 2007
Work Report 3	Completed	December 30, 2008
Work Report 4	Completed	December 30, 2009
Work Term 1	Completed	April 30, 2006

Work Term 2	Completed	December 30, 2006
Work Term 3	Completed	August 30, 2007
Work Term 4	Completed	August 30, 2007
Work Term 5	Completed	August 30, 2007
Workplace Hazardous Materials	Completed	October 01, 2005

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