

# UNDERGRADUATE OFFICIAL TRANSCRIPT

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July/20/2015



Office of the Registrar  
Waterloo, Ontario, Canada N2L 3G1  
Tel 519.888.4567, ext 32268/Fax 519.746.2882  
Web www.registrar.uwaterloo.ca

Name: Wang, Jeremy Yijiang  
Student ID: 20382498  
Ontario Education Nbr: 416447704



Foster Global Immigration Solutions  
ATTN: Allen Hampton - Legal Assistant  
Suite 2000 - 600 Travis Street  
Houston, TX 77002  
United States

## Degrees Awarded

Degree: Bachelor of Applied Science  
Honours Mechatronics Engineering, Co-operative  
Program  
Confer Date: June 13, 2015

## Beginning of Undergraduate Record

### Fall 2010

Program: Nanotechnology Engineering, Honours, Co-operative Program

Course		Description	Attempted/Earned	Grade
			Units	
MATH	117	Calculus 1 for Engineering	0.50/0.50	86
NE	100	Introduction to Nanotechnology Engineering	0.50/0.50	94
NE	112	Linear Algebra with Numerical Applications	0.50/0.50	89
NE	113	Engineering Computation	0.50/0.50	89
NE	121	Chemical Principles	0.50/0.50	81

Academic Standing: Excellent standing

### Winter 2011

Program: Nanotechnology Engineering, Honours, Co-operative Program

Course		Description	Attempted/Earned	Grade
			Units	
MATH	119	Calculus 2 for Engineering	0.50/0.50	88
NE	102	Health Risk Assessment and Nanotechnology Engineering Practice	0.10/0.10	CR
NE	115	Probability and Statistics	0.50/0.50	84
NE	122	Organic Chemistry for Nanotechnology Engineers	0.50/0.50	74
NE	125	Introduction to Materials Science and Engineering	0.50/0.50	84
NE	131	Physics for Nanotechnology Engineering	0.50/0.50	78

Academic Standing: Excellent standing

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## Spring 2011

Program: Nanotechnology Engineering, Honours, Co-operative Program

Course		Description	Attempted/Earned	Grade
			Units	
MTE	120	Circuits	0.75/0.75	76
Degree Requirement, Not in Average				
MTE	140	Algorithms and Data Structures	0.50/0.50	82
Degree Requirement, Not in Average				

Academic Standing: Decision not applicable

## Fall 2011

Program: Nanotechnology Engineering, Honours, Co-operative Program

Course		Description	Attempted/Earned Units	Grade
COOP	1	Co-operative Work Term		CR
PD	20	Engineering Workplace Skills I: Developing Reasoned Conclusions	0.50/0.50	CR

## Winter 2012

Program: Mechatronics Engineering, Honours, Co-operative Program

Course		Description	Attempted/Earned	Grade
			Units	
MTE	201	Experimental Measurement & Statistical Analysis	0.50/0.50	97
MTE	202	Ordinary Differential Equations	0.50/0.50	90
MTE	219	Mechanics of Deformable Solids	0.50/0.50	76
MTE	262	Introduction to Microprocessors and Digital Logic	0.50/0.50	80
SOC	101	Introduction to Sociology	0.50/0.50	72
SYDE	182	Physics 2 (Dynamics)	0.50/0.50	74

Academic Standing: Excellent standing

## Spring 2012

Program: Mechatronics Engineering, Honours, Co-operative Program

Course		Description	Attempted/Earned Units	Grade
COOP	2	Co-operative Work Term		CR
PD	21	Engineering Workplace Skills II: Developing Effective Plans	0.50/0.50	CR



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## Fall 2012

Program: Mechatronics Engineering, Honours, Co-operative Program

Course	Description	Attempted/Earned Units	Grade
MTE 203	Advanced Calculus	0.50/0.50	85
MTE 204	Numerical Methods	0.50/0.50	84
MTE 220	Sensors and Instrumentation	0.50/0.50	75
MTE 241	Introduction to Computer Structures & Real-Time Systems	0.50/0.50	75
SYDE 252	Linear Systems and Signals	0.50/0.50	86
WKRPT 200	Work-term Report	0.13/0.13	75
Degree Requirement, Not in Average			

Academic Standing: Excellent standing

## Winter 2013

Program: Mechatronics Engineering, Honours, Co-operative Program

Course	Description	Attempted/Earned Units	Grade
COOP 3	Co-operative Work Term		CR
PD 6	Problem Solving	0.50/0.50	CR

## Spring 2013

Program: Mechatronics Engineering, Honours, Co-operative Program

Course	Description	Attempted/Earned Units	Grade
ECE 309	Introduction to Thermodynamics and Heat Transfer	0.50/0.50	76
ME 321	Kinematics and Dynamics of Machines	0.50/0.50	68
MTE 320	Actuators & Power Electronics	0.50/0.50	87
MTE 325	Microprocessor Systems and Interfacing for Mechatronics Engineering	0.50/0.50	73
SYDE 351	Systems Models 1	0.50/0.50	78
WKRPT 300	Work-term Report	0.13/0.13	75
Degree Requirement, Not in Average			

Academic Standing: Good standing

## Fall 2013

Program: Mechatronics Engineering, Honours, Co-operative Program

Course	Description	Attempted/Earned Units	Grade
COOP 4	Co-operative Work Term		CR
PD 5	Project Management	0.50/0.50	CR

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## Winter 2014

Program: Mechatronics Engineering, Honours, Co-operative Program

Course		Description	Attempted/Earned	Grade
			Units	
ME	351	Fluid Mechanics 1	0.50/0.50	74
MSCI	261	Engineering Economics: Financial Management for Engineers	0.50/0.50	91
MTE	322	Electromechanical Machine Design	0.50/0.50	83
MTE	360	Automatic Control Systems	0.50/0.50	72
MTE	380	Mechatronics Engineering Design Workshop	0.50/0.50	84
STV	202	Design and Society	0.50/0.50	83

Academic Standing: Excellent standing

## Spring 2014

Program: Mechatronics Engineering, Honours, Co-operative Program

Course		Description	Attempted/Earned	Grade
			Units	
COOP	5	Co-operative Work Term		CR
PD	7	Conflict Resolution	0.50/0.50	CR

## Fall 2014

Program: Mechatronics Engineering, Honours, Co-operative Program

Course		Description	Attempted/Earned	Grade
			Units	
ECE	484	Digital Control Applications	0.50/0.50	84
MTE	420	Power Electronics and Motor Drives	0.50/0.50	82
MTE	460	Mechatronic System Integration	0.50/0.50	81
MTE	481	Mechatronics Engineering Design Project	0.50/0.50	89
PSYCH	101	Introductory Psychology	0.50/0.50	85
WKRPT	400	Work-term Report	0.13/0.13	89
		Degree Requirement, Not in Average		

Academic Standing: Excellent standing

## Winter 2015

Program: Mechatronics Engineering, Honours, Co-operative Program

Course		Description	Attempted/Earned	Grade
			Units	
BET	300	Foundations of Venture Creation	0.50/0.50	78
ECE	423	Embedded Computer Systems	0.50/0.50	77
ECE	444	Integrated Analog Electronics	0.50/0.50	73
MTE	482	Mechatronics Engineering Project	0.50/0.50	80
SYDE	372	Introduction to Pattern Recognition	0.50/0.50	66

Academic Standing: Good standing

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Non-Course Milestones		
September 09, 2010	English Proficiency	Completed
October 07, 2010	Workplace Hazardous Materials	Completed
December 30, 2011	Work Term 1	Completed
August 30, 2012	Work Term 2	Completed
December 30, 2012	Work Report 2	Completed
April 30, 2013	Work Term 3	Completed
August 30, 2013	Work Report 3	Completed
December 30, 2013	Work Term 4	Completed
August 30, 2014	Work Term 5	Completed
December 30, 2014	Work Report 4	Completed

Scholarships & Awards	
2010-2011	University of Waterloo President's Scholarship

End of Transcript