

**\*\*Western University Unofficial Transcript\*\*****Student Name:** Aidan Michael Lyon Bruneel

Print Date: 2022/06/08

**Degree Awarded**

Degree: Bachelor of Engineering Science  
 Confer Date: 2021/06/18  
 Plan: Bachelor of Engineering Science  
 Mechatronic Systems Engineering with Professional Internship

Basis of Admission  
 (SSC) Ontario Secondary School Diploma 2016

**Beginning of Undergraduate Record****2016 Fall/Winter**

Program: Faculty of Engineering  
 Plan: Bachelor of Engineering Science  
 Engineering Science

<u>Course</u>	<u>Description</u>	<u>Attempted</u>	<u>Earned</u>	<u>Grade</u>
APPLMATH 1411A	LNR ALG NUM ANALYSIS FOR ENG	0.50	0.50	093
APPLMATH 1413	APP MATH FOR ENGRS I	1.00	1.00	080
BUSINESS 1299E	BUSINESS FOR ENGINEERS	1.00	1.00	075
CHEM 1302A	DISCOVERING CHEMICAL ENERGETIC	0.50	0.50	073
ENGSCI 1021B	PROPERTIES OF MATERIALS	0.50	0.50	073
ENGSCI 1022Y	ENGINEERING STATICS	0.50	0.50	076
ENGSCI 1036B	PRGRMMNG FUNDAMNTLS FOR ENGNRS	0.50	0.50	084
ENGSCI 1050	INTRO ENG DESIGN & INNOVTN STU	2.00	2.00	095
PHYSICS 1401A	PHYSICS FOR ENG STDNTS I	0.50	0.50	083
PHYSICS 1402B	PHYSICS FOR ENG STDNTS II	0.50	0.50	080

Term Honor: Dean's Honor List

**2017 Summer**

Program: Faculty of Engineering  
 Plan: Bachelor of Engineering Science  
 Engineering Science

<u>Course</u>	<u>Description</u>	<u>Attempted</u>	<u>Earned</u>	<u>Grade</u>
ENGSCI 2250	ENGINEERING SUMMER CO-OP	0.00	0.00	SAT
Repeated:	Repeated, No Credit			

**2017 Fall/Winter**

Program: Faculty of Engineering  
 Plan: Bachelor of Engineering Science  
 Mechatronic Systems Engineering

<u>Course</u>	<u>Description</u>	<u>Attempted</u>	<u>Earned</u>	<u>Grade</u>
APPLMATH 2270A	APPLIED MATH FOR ENGINEER II	0.50	0.50	075
APPLMATH 2276B	APP MATH ELEC & MEC ENG III	0.50	0.50	067
COMPSCI 1037A	COMP SCI FUNDAMENTALS II	0.50	0.50	087
ECE 2205A	ELECTRIC CIRCUITS	0.50	0.50	072
MSE 2200Q	ENGINEERING SHOP SAFETY TR	0.00	0.00	PAS
MSE 2201A	INTRO TO ELECTRICAL INSTRUMENT	0.50	0.50	087
MSE 2202B	INTRO TO MECHATRONIC DESIGN	0.50	0.50	083
MSE 2212A	MECHANICS OF MATERIALS	0.50	0.50	080
MSE 2213B	ENGINEERING DYNAMICS	0.50	0.50	070
MSE 2214A	THERMODYNAMICS	0.50	0.50	073
MSE 2233B	CIRCUITS AND SYSTEMS	0.50	0.50	084
STATS 2143B	APP STATS & DATA ANALYSIS - ENG	0.50	0.50	065
WRITING 2130G	BETTER COMMUNICATION BRIDGES	0.50	0.50	085

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Program:	Faculty of Engineering			
Plan:	Bachelor of Engineering Science			
	Mechatronic Systems Engineering			
<u>Course</u>	<u>Description</u>	<u>Attempted</u>	<u>Earned</u>	<u>Grade</u>
ENGSCI 2250	ENGINEERING SUMMER CO-OP	0.00	0.00	SAT

**2018 Fall/Winter**

Program:	Faculty of Engineering			
Plan:	Bachelor of Engineering Science			
	Mechatronic Systems Engineering			
<u>Course</u>	<u>Description</u>	<u>Attempted</u>	<u>Earned</u>	<u>Grade</u>
APPLMATH 3415A	ADV APPL MATH ELEC ENGINEERING	0.50	0.50	072
ECE 2277A	DIGITAL LOGIC SYSTEMS	0.50	0.50	067
ECE 3330A	CONTROL SYSTEMS	0.50	0.50	090
ECE 3331B	INTRO TO SIGNAL PROCESSING	0.50	0.50	090
ECE 3375B	MICROPROCESSORS & MICROCOMP	0.50	0.50	095
MSE 3301A	MATERIALS SELECTION & MNFT	0.50	0.50	091
MSE 3302B	SENSORS & ACTUATORS	0.50	0.50	079
MSE 3310A	ELECTRIC MOTORS AND DRIVES	0.50	0.50	090
MSE 3360B	FINITE ELEMENT METHODS FOR MSE	0.50	0.50	090
MSE 3380B	MECH COMP DSGN MECHATRONIC SYS	0.50	0.50	065
MSE 3381A	KINETICS & DYNAMICS OF MACHINE	0.50	0.50	090
PHILOSOP 1230B	REASONING & CRITICAL THINKING	0.50	0.50	090
Term Honor:	Dean's Honor List			

**2019 Summer**

Program:	Faculty of Engineering			
Plan:	Bachelor of Engineering Science			
	Mechatronic Systems Engineering with Professional Internship			
<u>Course</u>	<u>Description</u>	<u>Attempted</u>	<u>Earned</u>	<u>Grade</u>
ENGSCI 3351	ENGINEERING INTERNSHIP	3.00	3.00	SAT

**2019 Fall/Winter**

Program:	Faculty of Engineering			
Plan:	Bachelor of Engineering Science			
	Mechatronic Systems Engineering with Professional Internship			
<u>Course</u>	<u>Description</u>	<u>Attempted</u>	<u>Earned</u>	<u>Grade</u>
ENGSCI 3352	ENGINEERING INTERNSHIP	3.00	3.00	SAT
ENGSCI 3353	ENGINEERING INTERNSHIP	3.00	3.00	SAT

**2020 Summer**

Program:	Faculty of Engineering			
Plan:	Bachelor of Engineering Science			
	Mechatronic Systems Engineering with Professional Internship			
<u>Course</u>	<u>Description</u>	<u>Attempted</u>	<u>Earned</u>	<u>Grade</u>
ENGSCI 3354	ENGINEERING INTERNSHIP	3.00	3.00	SAT
ENGSCI 4498F	ENG ETHICS SUST DEVEL & LAW	0.50	0.50	090

**2020 Fall/Winter**

Program:	Faculty of Engineering
Plan:	Bachelor of Engineering Science
	Mechatronic Systems Engineering with Professional Internship

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<u>Course</u>	<u>Description</u>	<u>Attempted</u>	<u>Earned</u>	<u>Grade</u>
COMPSCI 4414B	INTRODUCTION TO DATA SCIENCE I	0.00	0.00	WDN
ECE 4429A	ADV DIGITAL SIGNAL PROCESSING	0.50	0.50	072
ECE 4438B	ADV IMAGE PROCESSING & ANALYSIS	0.50	0.50	080
ECE 4445A	INTRO TO DIGITAL IMAGE PROCESSING	0.50	0.50	100
ECE 4460B	REAL-TIME & EMBEDDED SYSTEMS	0.50	0.50	078
ECE 4469B	APPLIED CONTROL SYSTEMS	0.50	0.50	086
ECONOMIC 1021A	PRINCIPLES OF MICROECONOMICS	0.00	0.00	WDN
MSE 4401A	ROBOTIC MANIPULATORS	0.50	0.50	084
MSE 4499	MECHATRONIC DESIGN PROJECT	1.00	1.00	086
MUSIC 1649A	STUDIES IN THEORY I	0.50	0.50	090
PSYCHOL 2015B	PSYCH OF PERCEPTION	0.50	0.50	086
PSYCHOL 2020B	DRUGS & BEHAVIOR	0.00	0.00	WDN

Term Honor: Dean's Honor List

**Scholarships and Grants**

2016 The Western Scholarship of Excellence

End of \*\*Western University Unofficial Transcript\*\*