

## 2017 STUDY PLAN

FOR ADVANCED STANDING - OFFICE USE ONLY								
<input checked="" type="checkbox"/> Please mark the box to indicate advanced standing granted (use <b>CONDITIONAL</b> to denote conditional advanced standing)								
Unspecified Elective Credit:	Level 1:	units	Level 2:	units	Level 3:	units	Level 4:	units
Student ID Number:			Student Name: _____,			Date: 9/12/16		
Assessor Name:			Advanced Standing Granted: _____ units			Remaining Program Duration: 4 years		
Applicant's Previous Institution:			Applicant's Previous Qualification:					
Assessor's Comments:								

This study plan should be used to guide enrolment for the current academic year. Some students may need to modify their enrolment based on previous study (e.g. students granted advanced standing/credit, students repeating previously failed courses).

BACHELOR OF ENGINEERING (HONOURS) (MECHANICAL AND SPORTS)					
YEAR 1	S1	C&ENVENG 1010 Engineering Mechanics - Statics (3 units) <input type="checkbox"/>	ELEC ENG 1101 Electronic Systems (3 units) <input type="checkbox"/>	MECH ENG 1104 Introduction to Sports Engineering (3 units) <input type="checkbox"/>	MATHS 1011 Mathematics IA(3 units)# <input type="checkbox"/>
	S2	CHEM ENG 1009 Materials I (3 units) <input type="checkbox"/>	MECH ENG 1006 Design Graphics & Professional Practice (3 units) <input type="checkbox"/>	MECH ENG 1007 Engineering Mechanics - Dynamics (3 units) <input type="checkbox"/>	MATHS 1012 Mathematics IB (3 units) <input type="checkbox"/>
YEAR 2	S1	MATHS 2201 Engineering Mathematics IIA (3 units) <input type="checkbox"/>	MECH ENG 2021 Thermo-Fluids I (3 units) <input type="checkbox"/>	MECH ENG 2100 Design Practice (3 units) <input type="checkbox"/>	MECH ENG 2102 Sports Engineering I (3 units) <input type="checkbox"/>
	S2	ANAT SC 1103 Human Biology IB (3 units) <input type="checkbox"/>	MATHS 2202 Engineering Mathematics IIB (3 units) <input type="checkbox"/>	MECH ENG 2002 Stress Analysis & Design (3 units) <input type="checkbox"/>	MECH ENG 2019 Dynamics & Control I (3 units) <input type="checkbox"/>
YEAR 3	S1	MECH ENG 3103 Manufacturing Engineering & Quality Systems (3 units) <input type="checkbox"/>	MECH ENG 3102 Heat Transfer & Thermodynamics (3 units) <input type="checkbox"/>	MECH ENG 3108 Sports Materials (3 units) <input type="checkbox"/>	ANAT SC 2009 Musculoskeletal Anatomy (3 units) <input type="checkbox"/>
	S2	MECH ENG 3027 Engineering Systems Design & Professional Practice (3 units) <input type="checkbox"/>	MECH ENG 3028 Dynamics & Control II (3 units) <input type="checkbox"/>	MECH ENG 3101 Applied Aerodynamics (3 units) <input type="checkbox"/>	MECH ENG 3107 Sports Engineering II (3 units) <input type="checkbox"/>
YEAR 4	S1	Elective (3 units) <input type="checkbox"/>	MECH ENG 4111 CFD for Engineering Applications (3 units) <input type="checkbox"/>	MECH ENG 4118 Finite Element Analysis of Structures (3 units) <input type="checkbox"/>	MECH ENG 4143A Honours Project Part A (3 units) <input type="checkbox"/>

**2017 STUDY PLAN**

S2	MECH ENG 4101 Biomechanical Engineering (3 units) <input type="checkbox"/>	MECH ENG 4140 Sports Engineering III (3 units) <input type="checkbox"/>	MECH ENG 4143B Honours Project Part B (6 units) <input type="checkbox"/>
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**CHOOSE FROM THE FOLLOWING ENGINEERING ELECTIVES**

SEMESTER 1	MECH ENG 4102 Advanced PID Control (3 units) <input type="checkbox"/>	MECH ENG 4112 Combustion Technology & Emission Control (3 units) <input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
SEMESTER 2	ENTREP 3900 Entrepreneurs Challenge (3 units) <input type="checkbox"/>	MECH ENG 4120 Fracture Mechanics (3 units) <input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
SUMMER	MECH ENG 4126 Topics in Welded Structures (3 units) <input type="checkbox"/>	MECH ENG 4120 Fracture Mechanics (3 units) <input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

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Assessor Name:			Advanced Standing Granted: units			Remaining Program Duration: 4 years		
Applicant's Previous Institution:			Applicant's Previous Qualification:					
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<b>BACHELOR OF ENGINEERING (HONOURS) (MECHANICAL AND SPORTS) – Semester 2 Start</b>					
YEAR 1	S 2	CHEM ENG 1009 Materials I (3 units) <input type="checkbox"/>	MECH ENG 1006 Design Graphics & Professional Practice (3 units) <input type="checkbox"/>	MECH ENG 1007 Engineering Mechanics - Dynamics (3 units) <input type="checkbox"/>	MATHS 1011 Mathematics IA(3 units)# <input type="checkbox"/>
	S 1	C&ENVENG 1010 Engineering Mechanics - Statics (3 units) <input type="checkbox"/>	ELEC ENG 1101 Electronic Systems (3 units) <input type="checkbox"/>	MECH ENG 1104 Introduction to Sports Engineering (3 units) <input type="checkbox"/>	MATHS 1012 Mathematics IB (3 units) <input type="checkbox"/>
YEAR 2	S 2	MATHS 2202 Engineering Mathematics IIB (3 units) <input type="checkbox"/>	ANAT SC 1103 Human Biology IB (3 units) <input type="checkbox"/>	MECH ENG 2002 Stress Analysis & Design (3 units) <input type="checkbox"/>	MECH ENG 2019 Dynamics & Control I (3 units) <input type="checkbox"/>
	S 1	MATHS 2201 Engineering Mathematics IIA (3 units) <input type="checkbox"/>	MECH ENG 2021 Thermo-Fluids I (3 units) <input type="checkbox"/>	MECH ENG 2100 Design Practice (3 units) <input type="checkbox"/>	MECH ENG 2102 Sports Engineering I (3 units) <input type="checkbox"/>
YEAR 3	S 2	MECH ENG 3027 Engineering Systems Design & Professional Practice (3 units) <input type="checkbox"/>	MECH ENG 3028 Dynamics & Control II (3 units) <input type="checkbox"/>	MECH ENG 3101 Applied Aerodynamics (3 units) <input type="checkbox"/>	MECH ENG 3107 Sports Engineering II (3 units) <input type="checkbox"/>
	S 1	MECH ENG 4143A Honours Project Part A (3 units) <input type="checkbox"/>	MECH ENG 3108 Sports Materials (3 units) <input type="checkbox"/>	ANAT SC 2009 Musculoskeletal Anatomy (3 units) <input type="checkbox"/>	MECH ENG 3102 Heat Transfer & Thermodynamics (3 units) <input type="checkbox"/>

# FACULTY OF ENGINEERING, COMPUTER AND MATHEMATICAL SCIENCES



## 2017 STUDY PLAN

	S 2	MECH ENG 4101 Biomechanical Engineering (3 units) <input type="checkbox"/>	MECH ENG 4140 Sports Engineering III (3 units) <input type="checkbox"/>	MECH ENG 4143B Honours Project Part B (6 units) <input type="checkbox"/>	
YEAR 5	S 1	MECH ENG 3103 Manufacturing Engineering & Quality Systems (3 units) <input type="checkbox"/>	Elective (3 units) <input type="checkbox"/>	MECH ENG 4111 CFD for Engineering Applications (3 units) <input type="checkbox"/>	MECH ENG 4118 Finite Element Analysis of Structures (3 units) <input type="checkbox"/>

### CHOOSE FROM THE FOLLOWING ENGINEERING ELECTIVES

SEMESTER 1	MECH ENG 4102 Advanced PID Control (3 units) <input type="checkbox"/>	MECH ENG 4112 Combustion Technology & Emission Control (3 units) <input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
SEMESTER 2	ENTREP 3900 Entrepreneurs Challenge (3 units) <input type="checkbox"/>	MECH ENG 4120 Fracture Mechanics (3 units) <input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
SUMMER	MECH ENG 4126 Topics in Welded Structures (3 units) <input type="checkbox"/>	MECH ENG 4120 Fracture Mechanics (3 units) <input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>