

2017 STUDY PLAN

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

MASTER OF ENGINEERING (AEROSPACE)					
YEAR 1	S1	ELEC ENG 7057 Engineering Communication & Critical Thinking (3 units) <input type="checkbox"/>	MECH ENG 7066 Aeronautical Engineering (3 units) <input type="checkbox"/>	MECH ENG 7067 Aerospace Materials & Structures (3 units) <input type="checkbox"/>	PROJMGNT 5021 Applied Project Management 1 (3 units) <input type="checkbox"/>
	S2	MECH ENG 7068 Applied Aerodynamics (3 units) <input type="checkbox"/>	MECH ENG 7073 Space Vehicle Design (3 units) <input type="checkbox"/>	ELEC ENG 7164 Business Management Systems (3 units) <input type="checkbox"/>	MATHS 7025 Research Methods and Statistics (3 units) <input type="checkbox"/>
YEAR 2	S1	MECH ENG 7041A Masters Project Part 1 (6 units) <input type="checkbox"/>		Elective (3 units) <input type="checkbox"/>	Elective (3 units) <input type="checkbox"/>
	S2	MECH ENG 7041B Masters Project Part 2 (6 units) <input type="checkbox"/>		Elective (3 units) <input type="checkbox"/>	Elective (3 units) <input type="checkbox"/>

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CHOOSE FROM THE FOLLOWING ELECTIVES				
SEMESTER 1	MECH ENG 7028 Advanced PID Control (3 units) <input type="checkbox"/>	MECH ENG 7030 Advanced Vibrations (3 units)* <input type="checkbox"/>	MECH ENG 7053 Aerospace Propulsion (3 units)* <input type="checkbox"/>	MECH ENG 7045 CFD for Engineering Applications (3 units) <input type="checkbox"/>
	MECH ENG 7059 Finite Element Analysis of Structures (3 units) <input type="checkbox"/>	MECH ENG 7074 Structural Design & Solid Mechanics (3 units)* <input type="checkbox"/>	MECH ENG 7026 Advanced Topics in Fluid Mechanics (3 units) <input type="checkbox"/> ^NOT OFFERED 2017	MECH ENG 7020 Materials Selection & Failure Analysis (3 units)* <input type="checkbox"/>
	MECH ENG 7021 Combustion Technology & Emissions Control (3 units) <input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
SEMESTER 2	CHEM ENG 7047 Composites & Multiphase Polymers (3 units) <input type="checkbox"/> ^NOT OFFERED 2017	MECH ENG 7063 Advanced Topics in Aerospace Engineering (3 units)* <input type="checkbox"/>	MECH ENG 7034 Advanced Digital Control (3 units) <input type="checkbox"/>	MECH ENG 7043 Stresses in Plates & Shells (3 units)* <input type="checkbox"/> ^NOT OFFERED 2017
	MECH ENG 7061 Corrosion Principles & Prevention (3 units) <input type="checkbox"/>	MECH ENG 7062 Aircraft Design (3 units)* <input type="checkbox"/>	MECH ENG 7023 Fracture Mechanics (3 units) <input type="checkbox"/>	<input type="checkbox"/>
SUMMER	MECH ENG 7027 Engineering Acoustics (3 units) <input type="checkbox"/>	MECH ENG 7023 Fracture Mechanics (3 units) <input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

*Students must choose at least two electives denoted with an asterisk. Advanced standing does not count towards the two course minimum requirement.

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MASTER OF ENGINEERING (AEROSPACE) – Semester 2 Start

YEAR 1	S1				
	S2	MECH ENG 7068 Applied Aerodynamics (3 units) <input type="checkbox"/>	MECH ENG 7073 Space Vehicle Design (3 units) <input type="checkbox"/>	ELEC ENG 7057 Engineering Communication & Critical Thinking (3 units) <input type="checkbox"/>	MATHS 7025 Research Methods and Statistics (3 units) <input type="checkbox"/>
YEAR 2	S1	Elective Course (3 units) <input type="checkbox"/>	MECH ENG 7066 Aeronautical Engineering (3 units) <input type="checkbox"/>	MECH ENG 7067 Aerospace Materials & Structures (3 units) <input type="checkbox"/>	PROJMGNT 5021 Applied Project Management 1 (3 units) <input type="checkbox"/>
	S2	MECH ENG 7041A Masters Project Part 1 (6 units) <input type="checkbox"/>		ELEC ENG 7164 Business Management Systems (3 units) <input type="checkbox"/>	Elective Course (3 units) <input type="checkbox"/>
YEAR 3	S1	MECH ENG 7041B Masters Project Part 2 (6 units) <input type="checkbox"/>		Elective Course (3 units) <input type="checkbox"/>	Elective Course (3 units) <input type="checkbox"/>

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	MECH ENG 7059 Finite Element Analysis of Structures (3 units) <input type="checkbox"/>	MECH ENG 7074 Structural Design & Solid Mechanics (3 units)* <input type="checkbox"/>	MECH ENG 7026 Advanced Topics in Fluid Mechanics (3 units) <input type="checkbox"/> ^NOT OFFERED 2017	MECH ENG 7020 Materials Selection & Failure Analysis (3 units)* <input type="checkbox"/>
	MECH ENG 7021 Combustion Technology & Emissions Control (3 units) <input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
SEMESTER 2	CHEM ENG 7047 Composites & Multiphase Polymers (3 units) <input type="checkbox"/> ^NOT OFFERED 2017	MECH ENG 7063 Advanced Topics in Aerospace Engineering (3 units)* <input type="checkbox"/>	MECH ENG 7034 Advanced Digital Control (3 units) <input type="checkbox"/>	MECH ENG 7043 Stresses in Plates & Shells (3 units)* <input type="checkbox"/> ^NOT OFFERED 2017
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