

FOR ADVANCED STANDING - OFFICE USE ONLY											
Please mark the box to indicar	te advanced standing	granted (use COND	DITIONAL to denote	conditional advanc	ced standing)						
Unspecified Elective Credit:	Level 1:	units	Level 2:	units	Level 3:	units	Level 4:	units			
Student ID Number:			Student Name:	,	Date:	Date:					
Assessor Name:			Advanced Standin	g Granted:	Rema	Remaining Program Duration: 5 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 (HON	IOUR!	S) (MECHANICAL & AEROSPACE) WITH	BACH	IELOR OF MATHEMATICAL & COMPUT	TER SC	IENCES (Maths Major)	
YEAR 1	S1	MECH ENG 1102 Introduction to Aerospace Engineering (3 units)		C&ENVENG 1010 Engineering Mechanics - Statics (3 units)		ELEC ENG 1101 Electronic Systems (3 units)		MATHS 1011 Mathematics IA (3 units)#	
	S2	CHEM ENG 1009 Materials I (3 units)		MECH ENG 1006 Design Graphics & Professional Practice (3 units)		MECH ENG 1007 Engineering Mechanics - Dynamics (3 units)		MATHS 1012 Mathematics IB (3 units)	
YEAR 2	S1	MECH ENG 2020 Materials & Manufacturing (3 units)		MECH ENG 2021 Thermo-Fluids I (3 units)		MECH ENG 2100 Design Practice (3 units)		MATHS 2201 Engineering Mathematics IIA (3 units)	
	S2	MECH ENG 2101 Mechatronics IM (3 units)		MECH ENG 2002 Stress Analysis & Design (3 units)		MECH ENG 2019 Dynamics & Control I (3 units)		MATHS 2202 Engineering Mathematics IIB (3 units)	
VEAD 2	S1	MECH ENG 3026 Aerospace Materials & Structures (3 units)		MECH ENG 3100 Aeronautical Engineering (3 units)		MECH ENG 3102 Heat Transfer & Thermodynamics (3 units)		MECH ENG 3105 Sustainability & the Environment (3 units)	
YEAR 3	S2	MECH ENG 3027 Engineering Systems Design & Professional Practice (3 units)		MECH ENG 3028 Dynamics & Control II (3 units)		MECH ENG 3101 Applied Aerodynamics (3 units)		MECH ENG 3104 Space Vehicle Design (3 units)	
YEAR 4	S1	Level III Mathematics Elective (3 units)		Level III Mathematics Elective (3 units)		Level II or III Mathematics Elective (3 units)		Level II or III Mathematics Elective (3 units)	



		S2	Level III Mathematics Elective (3 units)		Level III Mathematics Elective (3 units)		Level II or III Mathematics Elective (3 units)		evel II or III Mathematics lective (3 units)	
	VEARE	S1	MECH ENG 4143A Honours Project Part A (3 units)		MECH ENG Level IV Elective (3 units)		MECH ENG 4106 Aerospace Propulsion (3 units)		MECH ENG Level IV Elective(3 nits)	
	YEAR 5	S2	MECH ENG 4143B Honours Project Par	t B (6	units)		MECH ENG 4100 Advanced Topics in Aerospace Engineering (3 units)		MECH ENG 4108 Aircraft Design 3 units)	
I					CHOOSE FROM THE FOLLOWING E	NGIN	FERING FLECTIVES			
			MECH ENG 4102 Advanced PID Control (3 units)		MECH ENG 4121 Materials Selection & Failure Analysis (3 units)		MECH ENG 4105 Advanced Vibrations (3 units)		MECH ENG 4111 CFD for Engineering Applications (3 units)	
	SEMESTE	R 1	MECH ENG 4112 Combustion Technology & Emission Control (3 units)				MECH ENG 4118 Finite Element Analysis of Structures (3 units)		MECH ENG 4124 Robotics M (3 units)	
			MECH ENG 4104 Advanced Topics in Fluid Mechanics (3 units)		MECH ENG 4144 Renewable Fluid Power Technology (3 units)	[
	SEMESTE	R 2	CHEM ENG 4032 Composites & Multiphase Polymers (3 units) NOT OFFERED 2017		MECH ENG 4107 Airconditioning (3 units)		MECH ENG 4101 Biomechanical Engineering (3 units)		MECH ENG 4114 Corrosion: Principles & Prevention (3 units)-	
			MECH ENG 4115 Engineering Acoustics (3 units)		MECH ENG 4120 Fracture Mechanics (3 units)	3 [MECH ENG 4125 Stresses in Plate & Shells (3 units)^	es [
			MECH ENG 4145 Sustainable Thermal Technologies (3 units)		ENTREP 3900 Entrepreneurs Challenge (3 units)	[
	SUMME	R			MECH ENG 4115 Engineering Acoustics (3 units)	, [MECH ENG 4120 Fracture Mechanics (3 units)			

#Students who have not passed SACE Stage 2 Specialist Maths are required to enrol in MATHS 1013 Mathematics IM as a prerequisite to enrolling in MATHS 1011 Mathematics IA. The satisfactory completion of MATHS 1013 Mathematics IM is in addition to the normal requirements of this program. Students may manage their enrolment by enrolling in MATHS 1013 Mathematics IM in semester I, followed by MATHS 1011 Mathematics IA in semester 2, and MATHS 1012 Mathematics IB in Summer

^{*}Please refer to the program rules for the definition of an Applied Maths, Pure Maths, Statistics or Mathematical Sciences major. Refer to the degree finder for elective choices.



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Unspecified Elective Credit:	Level 1:	units	Level 2:	units	Level 3:	units	Level 4:	units			
Student ID Number:			Student Name:	,	Date:	Date: 6/12/16					
Assessor Name:	Advanced Standing G	Granted: ι	Rema	Remaining Program Duration: 4 years							
Applicant's Previous Institution:			Applicant's Previous Qualification:								
Assessor's Comments:					_						

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В	BACHELOR OF ENGINEERING (HONOURS) (MECHANICAL AND AEROSPACE) WITH BACHELOR OF MATHEMATICAL & COMPUTER SCIENCES (Maths Major) – Semester 2 Start											
YEAR 1												
	S 2	CHEM ENG 1009 Materials I (3 units)		MECH ENG 1006 Design Graphics & Professional Practice (3 units)		MECH ENG 1007 Engineering Mechanics - Dynamics (3 units)		MATHS 1011 Mathematics IA (3 units)				
YEAR 2	S 1	C&ENVENG 1010 Engineering Mechanics - Statics (3 units)		ELEC ENG 1101 Electronic Systems (3 units)		MECH ENG 1102 Introduction to Aerospace Engineering (3 units)		MATHS 1012 Mathematics IB (3 units)				
	S 2	MATHS 2202 Engineering Mathematics IIB (3 units)		MECH ENG 2002 Stress Analysis & Design (3 units)		MECH ENG 2019 Dynamics & Control I (3 units)		MECH ENG 2101 Mechatronics IM (3 units)				
V5.45.0	S 1	MATHS 2201 Engineering Mathematics IIA (3 units)		MECH ENG 2020 Materials & Manufacturing (3 units)		MECH ENG 2021 Thermo-Fluids I (3 units)		MECH ENG 2100 Design Practice (3 units)				
YEAR 3	S 2	MECH ENG 3027 Engineering Systems Design & Professional Practice (3 units)		MECH ENG 3028 Dynamics & Control II (3 units)		MECH ENG 3101 Applied Aerodynamics (3 units)		MECH ENG 3104 Space Vehicle Design (3 units)				
YEAR 4	S 1	Level III Mathematics Elective (3 units)*		Level III Mathematics Elective (3 units)*		Level II or III Mathematics Elective (3 units)*		Level II or III Mathematics Elective (3 units)*				



	S 2	Level III Mathematics Elective (3 units)*	Level III Mathematics Elective (3 units)*		Level II or III Mathematics Elective (3 units)*		vel II or III Mathematics ctive (3 units)*	
	S 1	MECH ENG 3026 Aerospace Materials & Structures (3 units)	MECH ENG 3100 Aeronautical Engineering (3 units)		MECH ENG 3102 Heat Transfer & Thermodynamics (3 units)		CH ENG 4143A Honours Dject Part A (3 units)	
YEAR 5	S 2	MECH ENG 4108 Aircraft Design (3 units)	MECH ENG 4100 Advanced Topics in Aerospace Engineering (3 units)		MECH ENG 4143B Honours Project Part	B (6 ur	nits)	
VEAR C	S 1	MECH ENG 4106 Aerospace Propulsion (3 units)	Elective (3 units)		MECH ENG 3105 Sustainability & the Environment (3 units)	Ele	ctive (3 units)	
YEAR 6								
			CHOOSE FROM THE FOLLOWING E	NGIN	FERING ELECTIVES			
		MECH ENG 4102 Advanced PID Control (3 units)	MECH ENG 4121 Materials Selection & Failure Analysis (3 units)		MECH ENG 4105 Advanced Vibrations (3 units)		MECH ENG 4111 CFD for Engineering Applications (3 units)	
SEMESTI	ER 1	MECH ENG 4112 Combustion Technology & Emission Control (3 units)		[MECH ENG 4118 Finite Element Analysis of Structures (3 units)		MECH ENG 4124 Robotics M (3 units)	
		MECH ENG 4104 Advanced Topics in Fluid Mechanics (3 units)	MECH ENG 4144 Renewable Fluid Power Technology (3 units)	[
SEMESTI	ER 2	CHEM ENG 4032 Composites & Multiphase Polymers (3 units) NOT OFFERED 2017	MECH ENG 4107 Airconditioning (3 units)	[MECH ENG 4101 Biomechanical Engineering (3 units)		MECH ENG 4114 Corrosion: Principles & Prevention (3 units)	
		MECH ENG 4115 Engineering Acoustics (3 units)	MECH ENG 4120 Fracture Mechanics (3 units)	3 [MECH ENG 4125 Stresses in Plates & Shells (3 units)		ENTREP 3900 Entrepreneurs Challenge (3 units)	
		MECH ENG 4145 Sustainable Thermal Technologies (3 units)]				
SUMM	ΕR		MECH ENG 4115 Engineering Acoustics (3 units)	· [MECH ENG 4120 Fracture Mechanics (3 units)			



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