

2017 STUDY PLAN

FOR ADVANCED STANDING - OFFICE USE ONLY

Please tick the box to indicate advanced standing granted (use **CONDITIONAL** 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:	
Assessor Name: B Ng	Advanced Standing Granted: _____ units		Remaining Program Duration: _____ years	
Applicant's Previous Institution:	Applicant's Previous Qualification:			

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).

GRADUATE DIPLOMA IN MARINE ENGINEERING

YEAR 1	S1	MECH ENG 7042 Introduction to Submarine Design (3 units)# <input type="checkbox"/>	Elective (3 units) <input type="checkbox"/>	Elective (3 units) <input type="checkbox"/>	Elective (3 units) <input type="checkbox"/>
	S2	MECH ENG 7046 Submarine Design (3 units)# <input type="checkbox"/>	PROJMGNT 7013 Systems Engineering 1 (3 units) <input type="checkbox"/>	Elective (3 units) <input type="checkbox"/>	Elective (3 units) <input type="checkbox"/>

For location of classes contact Mr Eric Fusil at ASC: Phone +61 8 8348 7388 E: eric.fusil@asc.com.au

CHOOSE FROM THE FOLLOWING ELECTIVES

SEMESTER 1	ELEC ENG 7015 Adaptive Signal Processing (3 units) <input type="checkbox"/>	<input type="checkbox"/>	ELEC ENG 7033 Principles of RF Engineering (3 units) <input type="checkbox"/>	ELEC ENG 7046 Power Quality & Fault Diagnosis (3 units) <input type="checkbox"/>
	ELEC ENG 7082 Principles of Control Systems (3 units) <input type="checkbox"/>	<input type="checkbox"/>	MECH ENG 7076 Renewable Fluid Power Technology (3 units) <input type="checkbox"/>	APP MTH 7075 Fluid Mechanics (3 units)* <input type="checkbox"/>
	ELEC ENG 7065 Sonar Sensors & Systems (3 units) <input type="checkbox"/> ^NOT OFFERED 2017	ELEC ENG 7069 Electric Energy Systems (3 units) <input type="checkbox"/>	MECH ENG 7030 Advanced Vibrations (3 units) <input type="checkbox"/>	MECH ENG 7045 CFD for Engineering Applications (3 units) <input type="checkbox"/>

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	MECH ENG 7059 Finite Element Analysis of Structures (3 units) <input type="checkbox"/>	MECH ENG 7049A Marine Engineering Research Project Part A (6 units) <input type="checkbox"/>	PROJMGNT 5021 Applied Project Management I (3 units)* or Risk & Technology Decisions (RMIT) <input type="checkbox"/>	<input type="checkbox"/>
	TECHCOMM 7030 Logistics and Supply Chain Management (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 7074 Structural Design & Solid Mechanics (3 units) <input type="checkbox"/>
	MECH ENG 7021 Combustion Technology & Emissions Control (3 units) <input type="checkbox"/>	MECH ENG 7024 Robotics M (3 units) <input type="checkbox"/>	MECH ENG 7028 Advanced PID Control (3 units) <input type="checkbox"/>	MECH ENG 7050 Sustainability & the Environment (3 units) <input type="checkbox"/>
	MECH ENG 7053 Aerospace Propulsion (3 units) <input type="checkbox"/>	MECH ENG 7066 Aeronautical Engineering (3units) <input type="checkbox"/>	MECH ENG 7067 Aerospace Materials & Structures (3 units) <input type="checkbox"/>	MECH ENG 7070 Heat Transfer & Thermodynamics (3 units) <input type="checkbox"/>
	MECH ENG 7071 Mechatronics II (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	COMP SCI 7076 Distributed Systems (3 units) <input type="checkbox"/>	ELEC ENG 7049 Power Electronics Systems (3 units) <input type="checkbox"/>	PROJMGNT 7024 Complex Project Management I (3 units)* <input type="checkbox"/>
	MECH ENG 7023 Fracture Mechanics (3 units) <input type="checkbox"/>	TECHCOMM 7029 Systems Engineering 2 (3 units)* <input type="checkbox"/> ^ NOT OFFERED 2017	MECH ENG 7061 Corrosion: Principles & Prevention (3 units) <input type="checkbox"/>	MECH ENG 7027 Engineering Acoustics (3 units) <input type="checkbox"/>
	MECH ENG 7029 Airconditioning (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 7047 Dynamics & Control II (3 units) <input type="checkbox"/>
	MECH ENG 7075 Sustainable Thermal Technologies (3 units) <input type="checkbox"/>	MECH ENG 7049B Marine Engineering Research Project Part B (6 units) <input type="checkbox"/>	ELEC ENG 7055 Antennas & Propagation (3 units) <input type="checkbox"/>	PROJMGNT 5021 Applied Project Management 1 (3 units)* or Risk & Technology Decisions (RMIT) <input type="checkbox"/>
	MECH ENG 7044 Biomechanical Engineering (3 units) <input type="checkbox"/>	MECH ENG 7062 Aircraft Design <input type="checkbox"/>	MECH ENG 7063 Advanced Topics in Aerospace Engineering (3 units) <input type="checkbox"/>	MECH ENG 7068 Applied Aerodynamics (3 units) <input type="checkbox"/>

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	MECH ENG 7072 Micro-Controller Programming (3 units) <input type="checkbox"/>	MECH ENG 7073 Space Vehicle Design (3 units) <input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
SUMMER/ TRIMESTER OFFERINGS	MECH ENG 7025 Topics in Welded Structures (3 units) <input type="checkbox"/>	MECH ENG 7027 Engineering Acoustics (3 units) <input type="checkbox"/>	MECH ENG 7023 Fracture Mechanics (3 units) <input type="checkbox"/>	PROJMGNT 7024 Complex Project Management I (3 units)* <input type="checkbox"/>

* Students may present no more than 6 units of courses denoted with an asterisk

OTHER AVAILABLE ELECTIVES

AUSTRALIAN MARITIME COLLEGE

Design of Marine Machinery Systems (3 units) <input type="checkbox"/>	Marine Propulsion Systems (3 units) <input type="checkbox"/>	Ship Design (3 units) <input type="checkbox"/>	Principles of Naval Architecture (3 units) <input type="checkbox"/>
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CURTIN UNIVERSITY

Physical and Acoustical Oceanography (3 units) <input type="checkbox"/>	Marine Acoustics (3 units) <input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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RMIT

Risk & Technology Decisions (3 units) <input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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UNIVERSITY OF SOUTH AUSTRALIA

Electromagnetic Compatibility (3 units) <input type="checkbox"/>	Satellite Communications G (3 units) <input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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GRADUATE DIPLOMA IN MARINE ENGINEERING – Semester 2 Start

YEAR 1	S1				
	S2	Elective (3 units)	PROJMGNT 7013 Systems Engineering 1 (3 units) <input type="checkbox"/>	Elective (3 units) <input type="checkbox"/>	Elective (3 units) <input type="checkbox"/>
YEAR 2	S1	MECH ENG 7042 Introduction to Submarine Design (3 units)#	Elective (3 units)	Elective (3 units)	
	S2	MECH ENG 7046 Submarine Design (3 units)#			

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	ELEC ENG 7082 Principles of Control Systems (3 units) <input type="checkbox"/>	<input type="checkbox"/>	MECH ENG 7076 Renewable Fluid Power Technology (3 units) <input type="checkbox"/>	APP MTH 7075 Fluid Mechanics (3 units)* <input type="checkbox"/>

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	MECH ENG 7059 Finite Element Analysis of Structures (3 units) <input type="checkbox"/>	MECH ENG 7049A Marine Engineering Research Project Part A (6 units) <input type="checkbox"/>	PROJMGNT 5021 Applied Project Management I (3 units)* or Risk & Technology Decisions (RMIT) <input type="checkbox"/>	<input type="checkbox"/>
	TECHCOMM 7030 Logistics and Supply Chain Management (3 units)* ^ NOT OFFERED 2017 <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 7074 Structural Design & Solid Mechanics (3 units) <input type="checkbox"/>
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	MECH ENG 7071 Mechatronics II (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	COMP SCI 7076 Distributed Systems (3 units) <input type="checkbox"/>	ELEC ENG 7049 Power Electronics Systems (3 units) <input type="checkbox"/>	PROJMGNT 7024 Complex Project Management I (3 units)* <input type="checkbox"/>
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	MECH ENG 7075 Sustainable Thermal Technologies (3 units) <input type="checkbox"/>	MECH ENG 7049B Marine Engineering Research Project Part B (6 units) <input type="checkbox"/>	ELEC ENG 7055 Antennas & Propagation (3 units) <input type="checkbox"/>	PROJMGNT 5021 Applied Project Management 1 (3 units)* or Risk & Technology Decisions (RMIT) <input type="checkbox"/>

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	MECH ENG 7072 Micro-Controller Programming (3 units) <input type="checkbox"/>	MECH ENG 7073 Space Vehicle Design (3 units) <input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
SUMMER/ TRIMESTER OFFERINGS	MECH ENG 7025 Topics in Welded Structures (3 units) <input type="checkbox"/>	MECH ENG 7027 Engineering Acoustics (3 units) <input type="checkbox"/>	MECH ENG 7023 Fracture Mechanics (3 units) <input type="checkbox"/>	<input type="checkbox"/>

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RMIT

Risk & Technology Decisions (3 units) <input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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UNIVERSITY OF SOUTH AUSTRALIA

Electromagnetic Compatibility (3 units) <input type="checkbox"/>	Satellite Communications G (3 units) <input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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