

Diploma in Engineering (Marine)

Key items	Course																												
Course Title:	Diploma in Engineering (Marine)																												
Course Overview:	<p>The Diploma in Engineering (Marine) focuses on the foundation of marine engineering and learns the different range of subject deals with marine technology. The programme aim is to introduce the students on the concepts, methods, tools and techniques applied in marine engineering.</p> <p>There is increasing global demand for rigs and drill ships will plays an important part and Singapore as one of the leading builder of offshore equipment. This programme aim is to meet the industry demand and equip students with the knowledge that today's ship buildings employers seeking for.</p> <p>Upon completion of this course, the students may able to interpret the rig operation, auxiliary devices, marine instruments and machine design and process.</p>																												
Course Structure:	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: center;">No</th> <th style="text-align: center;">Module Code</th> <th style="text-align: center;">Module Title</th> <th style="text-align: center;">Contact Hours (Inclusive of 3 hrs examination)</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">1</td> <td style="text-align: center;">ED</td> <td style="text-align: center;">Engineering Design (Marine)</td> <td style="text-align: center;">30</td> </tr> <tr> <td style="text-align: center;">2</td> <td style="text-align: center;">EM</td> <td style="text-align: center;">Engineering Mathematics</td> <td style="text-align: center;">30</td> </tr> <tr> <td style="text-align: center;">3</td> <td style="text-align: center;">MIE</td> <td style="text-align: center;">Metrology & Instrumentation Engineering</td> <td style="text-align: center;">30</td> </tr> <tr> <td style="text-align: center;">4</td> <td style="text-align: center;">SM</td> <td style="text-align: center;">Strength of Materials</td> <td style="text-align: center;">30</td> </tr> <tr> <td style="text-align: center;">5</td> <td style="text-align: center;">IME</td> <td style="text-align: center;">Introduction to marine engineering</td> <td style="text-align: center;">30</td> </tr> <tr> <td style="text-align: center;">6</td> <td style="text-align: center;">EAD</td> <td style="text-align: center;">Engines and Auxiliary Devices</td> <td style="text-align: center;">30</td> </tr> </tbody> </table>	No	Module Code	Module Title	Contact Hours (Inclusive of 3 hrs examination)	1	ED	Engineering Design (Marine)	30	2	EM	Engineering Mathematics	30	3	MIE	Metrology & Instrumentation Engineering	30	4	SM	Strength of Materials	30	5	IME	Introduction to marine engineering	30	6	EAD	Engines and Auxiliary Devices	30
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Course Duration:	<p>1. Full-time: 7 months Total Contact hours: 180 (No breaks between exams and modules) Week Schedule: 2 days per week (3 hrs per day)</p> <p>2. Part-time: 7 months Total Contact hours: 180 (No breaks between exams and modules) Weekend: 1 Sunday (8 hrs class) Week Schedule: 1 day per week (8 hrs per day)</p>																												
Course Fees:	\$2500																												
Mode of Instruction:	Classroom-facilitated learning																												
Mode of Delivery:	Part-Time																												
Mode of Assessment:	100% Written Examinations																												
Attendance Requirement:	A 75% minimum attendance is required for student.																												
Passing Criteria:	A 50% passing rate all for assessment components is required for the student.																												

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Qualification:	Having duly completed the approved course of study and passed the prescribed examinations, students will be awarded 'Diploma in Engineering (Marine)' issued by Avanta Academy.
Entry Qualification:	<ul style="list-style-type: none"> • Minimum Grade E in any 3 GCE A Level including English and 2 Science subjects or equivalent • Minimum C6 in any 3 GCE O Level including English and 2 Science subjects (Grade C6 and above) with 3 years working experience in the engineering field • Working Experience: Matured candidate in the age of 30 & above with 8 years' of related work experiences • Language Proficiency: WPLN Level 4
Average Teacher to Student Ratio:	1:20
Lecturers & Teaching Modules:	<i>Refer to Lecturers' Profile Excel Sheet</i>