

Diploma of Engineering Technology in Ship Design (A 11788)

Programme Structure by semester.

<u>Semester 1</u>	<u>Semester 2</u>
<ul style="list-style-type: none">a. Introduction to Hand and Power Toolsb. Technical Mathematics 1c. Occupational Safety and Health in Industries and Shipyard Operationsd. Introduction to Ship Technologye. Introduction to Welding and Thermal Cuttingf. Engineering Drawingg. Mandarin 1/Arabic Language 1h. Pengajian Malaysia 2/ Bahasa Melayu Komunikasi 1*i. Competency English	<ul style="list-style-type: none">a. Engineering Scienceb. Technical Mathematics 2c. CAD 2Dd. Interpersonal Skillse. Communication English 1f. Mandarin 2/Arabic Language 2g. Introduction to Entrepreneurshiph. Elective 1
<p><i>* Bahasa Melayu Komunikasi 1: For International Student</i></p>	

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<p><u>Semester 3</u></p> <ul style="list-style-type: none">a. Fluid Mechanicsb. Ship Materialsc. Naval Architecture 1d. CAD Modelling Conceptse. Hydraulic and Pneumatic Systemsf. Static and Dynamicsg. Amalan Islam di Malaysia/ Religious Practices in Malaysia*h. Elective 2 <p><i>* Religious Practice in Malaysia: For International and Local Non-Muslim Student</i></p>	<p><u>Semester 4</u></p> <ul style="list-style-type: none">a. Shipbuilding Economicb. Fundamental Thermodynamicsc. Naval Architecture 2d. Strength of Materialse. Marine Engineering Systemf. Communication English 2g. Co-Curriculum 1h. Elective 3
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<p><u>Semester 5</u></p> <ul style="list-style-type: none">a. Marine Structure Designb. Computer Aided Ship Design (CASD-Lines Plan)c. Naval Architecture 3d. Ship Resistance and Propulsione. Shipboard Electro-Technologyf. Final Year Project	<p><u>Semester 6</u></p> <ul style="list-style-type: none">a. Industrial Training
<p><u>Electives</u></p> <ul style="list-style-type: none">a. Wood Technology and Processesb. Manual Metal Arc Welding (Steel)c. Gas Metal Arc Welding (Steel)d. Composite Fibrese. Welding (Steel)f. Welding (Non-Ferrous)	