

BET (Hons) in Marine Electrical and Electronic (A 10120)

Programme Structure by semester.

January Intake:

<p><u>Semester 1</u></p> <ul style="list-style-type: none">a. Fundamental Englishb. Tamadun Islam & Tamadun Asia (TITAS)/ Pengajian Malaysia 3*c. Professional English 1d. Technopreneurshipe. Mathematics 1 <p><u>Inter Semester</u></p> <ul style="list-style-type: none">I. Digital Electronics SystemII. Control Systems <p><i>*Pengajian Malaysia 3 - For International Student</i></p>	<p><u>Semester 2</u></p> <ul style="list-style-type: none">a. Mathematics 2b. Mandarin 1/Arabic Language 1c. Hubungan Etnik/ Bahasa Melayu Komunikasi 2*d. Engineering Sciencee. Occupational Safety and Healthf. Introduction to Programmingg. Principles of Electrical and Electronics <p><i>*Bahasa Melayu Komunikasi 2: For International Student</i></p>
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<p><u>Semester 3</u></p> <ul style="list-style-type: none">a. Innovation Managementb. Computer Aided Design (CAD) 2Dc. Study and Implementation of Projectd. Mathematics 3e. Ship Technologyf. Analogue Electronicsg. Electric Circuits	<p><u>Semester 4</u></p> <ul style="list-style-type: none">a. Network Analysisb. Microprocessorc. Introduction to Technical Computingd. Industrial Automatione. Electro-Technique 1f. Mandarin 2/ Arabic Language 2g. Isu-isu Kontemporari Muslim di Malaysia/ Culture and Lifestyle in Malaysia* <p><i>*Culture and Lifestyle in Malaysia: For International and Local Non-Muslim Student</i></p>
<p><u>Semester 5</u></p> <ul style="list-style-type: none">a. Professional English 2b. Project Planning and Managementc. Signals and Systemsd. Electronics Communication 1e. Power Electronicsf. Ship Controlling and Monitoring (SCAM) Systemg. Electro-Technique 2h. Co-Curriculum 2	<p><u>Semester 6</u></p> <ul style="list-style-type: none">a. Final Year Project 1b. Digital Signal Processingc. Electronics Communication 2d. Business Managemente. Navigation Equipment and Systemf. Elective 1

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<u>Semester 7</u> <ul style="list-style-type: none">a. Final Year Project 2b. Quality Managementc. Underwater Acoustics Systemsd. Marine Electrical and Industrial Workshop Practicee. Elective 2f. Elective 3	<u>Semester 8</u> <ul style="list-style-type: none">a. Industrial Training
<u>Electives</u> <ul style="list-style-type: none">a. Wireless Communicationsb. Ship Electrical Installationc. Radio Detection and Ranging (RADAR) Systemd. Shipyard and Engineering Project Managemente. Maritime and Offshore Safety Analysis	