Programme Regulations: Academic Year 2024/2025

Joint Degree Programme between Singapore Institute of Technology (SIT) and Newcastle University (NU) leading to Degree of Bachelor of Engineering with Honours in Naval Architecture and Marine Engineering

Programme Code: 1808U

1. The programme consists of 180 credits. One credit at SIT is equivalent to two credits at Newcastle University.

2. The programme is taught over eight trimesters.

3. On successful completion of the programme, learners will receive a joint degree award from Newcastle University and Singapore Institute of Technology.

4. The joint programme is assessed on an A-F letter grade and associated 5.0 - 0 grade point scale.

5. A D Grade with a corresponding grade point of 1.0 is a pass grade.

6. Learners have a maximum candidature* of 14 trimesters to complete their programme.

7. Learners will have a maximum of one repeat assessment attempt[#] and one repeat module attempt[#] per module, unless a successful Personal Extenuating Circumstances (PEC) application is made.

8. Learners should attain at least a 2.00 Cumulative GPA (CGPA) after each trimester to maintain a good academic standing.

   After each study trimester and/or consecutive trimester, the joint Board of Examiners will track the academic standing of learners with CGPA < 2.00 and issue learners with the following:

   - Academic Warning – in any study trimester, CGPA < 2.00
   - Academic Probation – in the next consecutive study trimester, CGPA < 2.00
   - Academic Termination – in the 3rd consecutive study trimester, CGPA < 2.00

9. Learners obtaining a F grade or grade point of 0 in any module will be entitled to one repeat assessment as of right.

   If the failed module is a pre-requisite for a higher-level module, learners will not be able to take the higher-level module until the pre-requisite of the previous module has been met.

   If learners fail the repeat assessment, a single repeat module attempt will be offered at the next available opportunity.

10. Learners obtaining a F grade undertaking a repeat assessment attempt will have their grade point capped at 1.00 for the calculation of the CGPA.

11. Learners obtaining a D+/D or F grade have the option to undertake a repeat module attempt and the grade point will be capped at 2.00 for the calculation of the CGPA.

12. For learners who have a number of D+/D/F grades, the Board of Examiners should review their complete profile for the academic year to ensure the Board has the full information to make an informed decision on whether or not to allow learners to progress to the next trimester or require them to pause their studies or retain in a particular year to improve their academic performance. This will also allow the Board to determine where learners have used up their one repeat assessment attempt and one repeat module attempt after which they will be unable to progress in the programme.

*To refer to SIT Academic Bulletin - SIT Candidature Policy
To refer to SIT Academic Bulletin - Repeat Attempt Policy

Learners will normally undertake the following programme of study:

Year 1

Module Code	Module Title	Module Type	Credits	FHEQ Level	Trimester	Module Lead
UDC1001	Digital Competency Essentials	Compulsory	2	4	1	SIT
ENG1001	Engineering Mathematics 1	Compulsory	6	4	1	SIT
NME1103	Marine Materials	Compulsory	6	4	1	SIT
NME1105	Marine Engineering 1A	Compulsory	6	4	1	NU
NME1107	Naval Architecture 1A	Compulsory	6	4	1	NU
NME3101A	Integrated Work Study Programme (Career Skills)	Compulsory	0	6	1, 2 & 3	SIT
UDE2222	Design Innovation	Compulsory	6	5	2	SIT
UCS1001	Critical Thinking & Communicating	Compulsory	4	4	2	SIT
ENG1002	Engineering Mathematics 2	Compulsory	6	4	2	SIT
NME1106	Marine Engineering 1B	Compulsory	6	4	2	NU
NME1108	Naval Architecture 1B	Compulsory	6	4	2	NU
NME1109	Marine Mechanics	Compulsory	6	4	2	NU
NME1102	Electrical Engineering	Compulsory	6	4	3	SIT
NME2102	Production and Business Management	Compulsory	6	5	3	SIT

Year 2

Module Code	Module Title	Module Type	Credits	FHEQ Level	Trimester	Module Lead
NME2101	Analytical Methods	Compulsory	6	5	1	SIT
NME2103	Marine Engineering 2	Compulsory	6	5	1	SIT
NME2105	Marine Structures 1A	Compulsory	6	5	1	NU
NME2107*	Ship Resistance	Compulsory	6	5	1	NU
NME2109	Naval Architecture 2	Compulsory	6	5	1	NU
NME3101A	Integrated Work Study Programme (Career Skills)	Compulsory	0	6	1	SIT
USI2001	Social Innovation Project	Compulsory	3	5	2	SIT
NME2104	Marine Propulsion	Compulsory	6	5	2	NU
NME2106	Marine Structures 1B	Compulsory	6	5	2	NU
NME3104	Marine Transport Business	Compulsory	6	6	2	SIT
Marine Engineering						
NME2110	Marine Electrical Engineering	Elective	6	5	2	NU
Naval Architecture & Offshore Engineering						
NME2112	Marine Dynamics	Elective	6	5	2	NU
NME3101B	Integrated Work Study Programme (IWSP, Work Attachment)	Compulsory	10	6	3	SIT

Year 3

Module Code	Module Title	Module Type	Credits	FHEQ Level	Trimester	Module Lead
NME3101B	Integrated Work Study Programme (IWSP, Work Attachment)	Compulsory	10	6	1	SIT
NME3103	Capstone Project	Compulsory	10	6	1 & 2	NU
Marine Engineering						
NME3102	Marine Heat Engines & Future Fuels	Elective	6	6	2	NU
NME3105	Marine Engineering 3	Elective	6	6	2	SIT
NME3106	Dynamic Modelling and Simulation	Elective	6	6	2	NU
NME3111	Marine Engineering Design	Elective	3	6	2	SIT
Naval Architecture						
NME3107	Smart Marine Structural Engineering	Elective	6	6	2	SIT
NME3109	Advanced Ship and Offshore Hydrodynamics	Elective	6	6	2	NU
NME3108	Advanced Resistance and Propulsion	Elective	6	6	2	NU
NME3112	Ship Design	Elective	3	6	2	SIT
Offshore Engineering						
NME3107	Marine Structures 2	Elective	6	6	2	SIT
NME3109	Advanced Ship and Offshore Hydrodynamics	Elective	6	6	2	NU
NME3110	Offshore Renewables	Elective	6	6	2	NU
NME3113	Offshore Engineering Design	Elective	3	6	2	SIT

* Learners from AY2023/2024 cohort onwards undertake part of the module curriculum, with credit-bearing, during their Overseas Immersion Programme (OIP) in Year 1, Trimester 3.

1. Assessment methods

Details of the assessment pattern for each module are explained in the module profile.

2. Degree classification

Degree classifications are based upon all 180 credits and the CGPA attained by learners at the end of the programme.

All modules contribute the final awards and all years of study contribute equally.

Full details of the classifications and how these are calculated can be found in the SIT Academic Bulletin – SIT and Joint Degree Programmes.