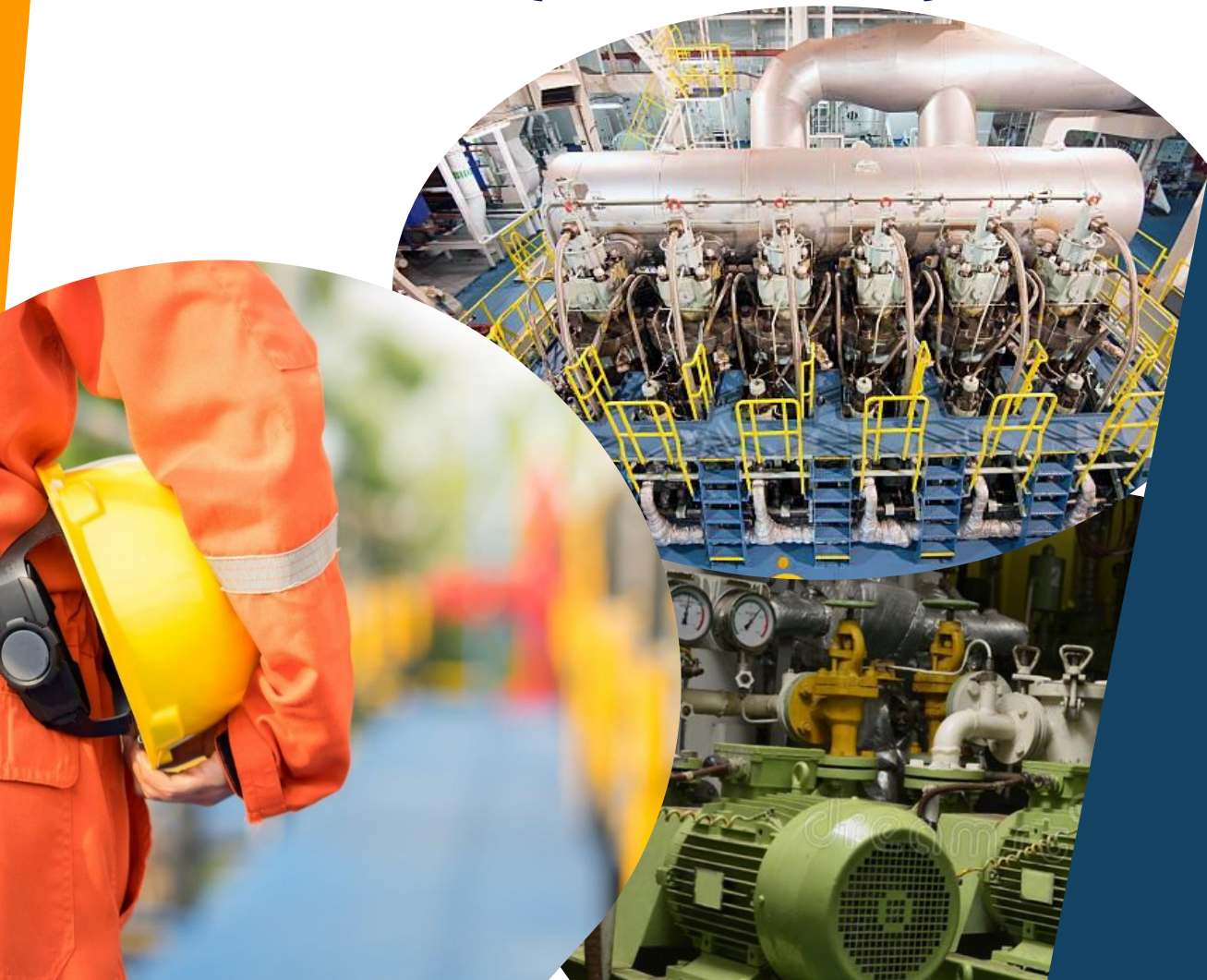




Ocean University of Sri Lanka | Regional Centre - Panadura

National Diploma in in Marine Machinery Maintenances Technology (NVQ Level 5)



National Diploma in Marine Machinery Maintenances Technology (NVQ Level 5) - MMMT

About this Diploma

COURSE TYPE:	DURATION:	MEDIUM:
Full Time	1.5 Years (1 Year Academics + 6 months on the job training)	English

National diploma in marine engineering technology, aims to provide all-round knowledge of marine engineering. It comprises with industrial engineering knowledge with multitasking skills to fulfil the needs in supervisory level as well as the operational level professionals for marine industry and land base industrial field.

Students who are under this diploma will be gaining proper knowledge and ability to monitor and supervise, operate and watch keeping, maintenance procedures, troubleshooting, fault finding and repairing of marine machineries on-board the vessel, offshore and industrial machineries and systems which used in the land base industrial factories and industrial power plants. As well as students who gaining the knowledge of boat manufacturing procedures and quality controlling, boat maintenance, management and on-board handling knowledge is the special thing with this diploma to fulfil the supervisory level needs of boat building and coastal and marine services industry.

Course content comprises with, Engineering knowledge motor (internal combustion engines), Engineering knowledge general (auxiliary machinery and systems), engineering drawing, electric power, contents in mechanics, contents in heat engines, power transmission and propulsion, refrigeration and air condition, engine and on-board handling, boat building and maintenance, boat management, English, computer application etc.

Students are required to take course units equaling or exceeding a cumulative credit value of 60 points. This diploma will contribute NVQ Level 5 program within the frame work as a permitted subject combination.

Entry Requirements

- Three passes of the G.C.E. (Advanced Level) Examination in one sitting in Physical Science or Engineering Technology Stream.
- With “C” passes for Mathematics and “C” pass for English in G.C.E. (Ordinary Level) examination or “S” pass for English in G.C.E. (Advanced Level) examination in any sitting.

Or

- Completed NVQ level 4 in relevant Floating Vessel Mechanics.

Course Structure



How to Apply

Download the application from the website (ocu.ac.lk) and send the fully completed applications under registered post.

**Assistant Director,
Ocean University of Sri Lanka,
Dobagahawaththa, Uyankele Road,
Panadura.**

Modules

Semester I	
Module Code	Module Title
G50T003M01	Communicative English
G50T003M02	Technical Mathematics
G50T003M03	Introduction to Physics
G50T003M04	Mechanics of Machines
G50T003M05	Workshop Technology
G50T003M06	Marine Engineering Technology (Motor)
EMPM01	Workplace Information Management
EMPM02	Workplace Communication Management

Semester II	
Module Code	Module Title
G50T003M07	Electrical Technology
G50T003M08	Marine Engineering Technology (General)
G50T003M09	Thermodynamics
G50T003M10	Refrigeration and Air Conditioning
G50T003M11	Hydraulic and Pneumatic
G50T003M12	Power Transmission, Propulsion and Steering
G50T003M13	Ship Construction
G50T003M14	Occupational Health and Safety Practices
EMPM03	Planning and scheduling Work at Work Place

Learning and Assessments

The National Diploma in Marine Machinery Maintenance Technology students shall take minimum of 60 credits to complete the Diploma program. Usually, One Credit is equivalent to 15 hours of lectures.

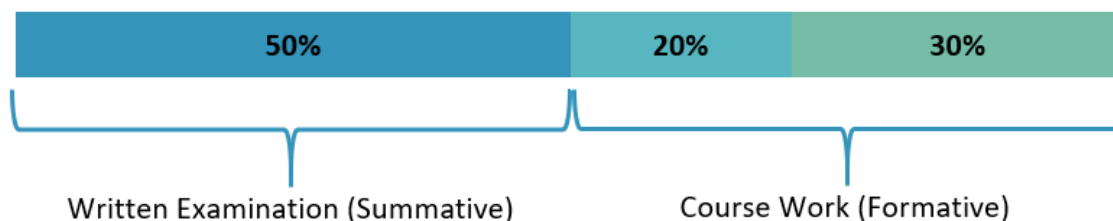
Learning Activities

Class room lectures Practical (field and laboratory)

Assessments

Quizzes, Assignments, Oral presentations, Written and Practical exams

Assessment Breakdown



Contact Details

Head of the Regional Centre

Assistant Director - OCUSL Panadura

Mr. Janaka Peiris

Email: JanakaP@ocu.ac.lk

Tele: +94 38 222 1266

Mobile: +94 77 767 0196

Academic Staff

Course Coordinator - MMTT

- Mr. A.A.N. Ayeshmantha Perera
 - B.Eng. (Hons) in Mechatronics Engineering
 - NDT in Marine Engineering (UOM)
- Email: NayanajithA@ocu.ac.lk