

Course Structure

Advanced Certificate in Marine Engineering

Centre for Maritime Studies



Semester 1

Type	Code	Name	Prerequisites	Credit Points	Fee (MVR)
CORE	CHE003	Industrial Chemistry	Nil	2	230
CORE	ELE007	Electrical, Electronic and Control Engineering Generating Plant	Nil	6	960
CORE	MAR001	Maintenance and Repair of Marine System at Operational level (A)	Nil	13	1,495
CORE	MAT007	Mathematics	Nil	5	575
CORE	PHY001	Basic Engineering Science	Nil	3	345
CORE	PHY007	Thermodynamics	Nil	5	575
CORE	PHY009	Mechanical Science	Nil	3	345
Semester Total				37	4,525

Semester 2

Type	Code	Name	Prerequisites	Credit Points	Fee (MVR)
CORE	MAR003	Maintenance and Repair of Marine System at Operational level (B)	Nil	10	1,150
CORE	MAR005	Marine Engineering Drawing and Design	Nil	6	690
CORE	MEC031	Material, Processes, Fabrication	Nil	5	800
CORE	MEC069	Safe Working Practice and use of Hand Tools	Nil	5	800
CORE	MST001	Pollution-Prevention requirements and stability	Nil	3	345
CORE	MST003	Monitor Compliance with Legislative Requirements	Nil	2	230
CORE	NVA009	Ship Construction (for Marine Engineering)	Nil	3	345
Semester Total				34	4,360

Semester 3

Type	Code	Name	Prerequisites	Credit Points	Fee (MVR)
CORE	ELE031	Safety and Characteristics of Ship Board Electrical System and Basic Safety	Nil	3	480
CORE	ELE041	Electrical Tests and Measuring Instruments	Nil	0	0
CORE	MEC027	Marine Pump and System	Nil	1	160
CORE	MEC035	Operate Main and Auxiliary and Associated Control System	Nil	17	2,720
Semester Total				21	3,360
Course Total				92	12,245

Fees stated above are tuition fees for local students. Fees for international students is twice the stated fees. All fees are quoted in MVR.

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