

# 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	166
CORE	ELE007	Electrical, Electronic and Control Engineering Generating Plant	Nil	6	348
CORE	MAR001	Maintenance and Repair of Marine System at Operational level (A)	Nil	13	754
CORE	MAT007	Mathematics	Nil	5	415
CORE	PHY001	Basic Engineering Science	Nil	3	249
CORE	PHY007	Thermodynamics	Nil	5	415
CORE	PHY009	Mechanical Science	Nil	3	249
<b>Semester Total</b>				<b>37</b>	<b>2,596</b>

### Semester 2

Type	Code	Name	Prerequisites	Credit Points	Fee (MVR)
CORE	MAR003	Maintenance and Repair of Marine System at Operational level (B)	Nil	10	580
CORE	MAR005	Marine Engineering Drawing and Design	Nil	6	348
CORE	MEC031	Material, Processes, Fabrication	Nil	5	290
CORE	MEC069	Safe Working Practice and use of Hand Tools	Nil	5	290
CORE	MST001	Pollution-Prevention requirements and stability	Nil	3	174
CORE	MST003	Monitor Compliance with Legislative Requirements	Nil	2	116
CORE	NVA009	Ship Construction (for Marine Engineering)	Nil	3	174
<b>Semester Total</b>				<b>34</b>	<b>1,972</b>

### 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	249
CORE	ELE041	Electrical Tests and Measuring Instruments	Nil	0	0
CORE	MEC027	Marine Pump and System	Nil	1	58
CORE	MEC035	Operate Main and Auxiliary and Associated Control System	Nil	17	986
<b>Semester Total</b>				<b>21</b>	<b>1,293</b>
<b>Course Total</b>				<b>92</b>	<b>5,861</b>

Fees stated above are tuition fee for local students. Fee for international students on student visa is five times the stated fees. Fee for workpermit holders and students on dependent visa is same as the fees for local students. All fees are quoted in MVR.

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