



AMET

ACADEMY OF MARITIME EDUCATION AND TRAINING
(Declared as Deemed to be **UNIVERSITY** u/s 3 of UGC Act 1956)

Curriculum

Course Name: BSC NAUTICAL SCIENCE

(With Effect from the Academic year 2015 - 2016)

Semester: I

S.No	SUB CODE	SUBJECT TITLE	C	L	T	P	M
1	NS1101	Navigation - I	3	2	-	-	100
2	NS1102	Bridge Equipment Watch keeping & Resource Management -I	2	2	-	-	100
3	NS1103	Chart work Voyage Planning and Collision Prevention -I	3	-	1	2	100
4	NS1104	Naval Architecture – I	3	3	-	-	100
5	NS1105	Ship Operation Technology – I	3	2	-	-	100
6	NS1106	Ship Operation Technology (Prac) – I	1	-	-	2	100
7	NS1107	Cargo Handling & Stowage – I	3	3	-	-	100
8	NS1108	English – I	3	2	-	-	100
9	NS1109	Computer Programming and Utilities-I	2	-	-	3	100
10	NS1110	Nautical Physics & Electronics - I	3	3	-	-	100
11	NS1111	Nautical Physics & Electronics(Lab) - I	1	-	-	2	100
12	NS1112	Nautical Mathematics - I	2	3	-	-	100
13	NS1113	Parade, Drills, PT & Games	1	-	-	-	100
TOTAL: <u>30 Periods/week</u>							

Note: C – Credit L – Lecture T – Tutorial P – Practical M – Marks

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Semester: II

S.No	SUB CODE	SUBJECT TITLE	C	L	T	P	M
1	NS1201	Navigation - II	3	2	-	-	100
2	NS1202	Bridge Equipment Watch keeping & Resource Management - II	2	2	-	-	100
3	NS1203	Chart work Voyage Planning and Collision Prevention - II	3	-	-	3	100
4	NS1204	Naval Architecture – II	3	3	-	-	100
5	NS1205	Ship Operation Technology – II	3	2	-	-	100
6	NS1206	Ship Operation Technology (Prac) – II	1	-	-	2	100
7	NS1207	Cargo Handling & Stowage –II	3	3	-	-	100
8	NS1208	English – II	3	2	-	-	100
9	NS1209	Computer Programming and Utilities-II	2	-	-	3	100
10	NS1210	Nautical Physics & Electronics - II	3	3	-	-	100
11	NS1211	Nautical Physics & Electronics(Lab) - II	1	-	-	2	100
12	NS1212	Nautical Mathematics - II	2	3	-	-	100
13	NS1213	Parade, Drills, PT & Games	1	-	-	-	100
TOTAL: <u>30 Periods/week</u>							

Note: C – Credit

L – Lecture

T – Tutorial

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Semester: III

S.No	SUB CODE	SUBJECT TITLE	C	L	T	P	M
1	NS1301	Navigation - III	3	2	-	-	100
2	NS1302	Bridge Equipment Watch keeping & Resource Management -III	3	3	-	-	100
3	NS1303	Chart work Voyage Planning and Collision Prevention -III	2	-	-	2	100
4	NS1304	Naval Architecture – III	3	3	-	-	100
5	NS1305	Ship Operation Technology – III	3	2	-	-	100
6	NS1306	Ship Operation Technology (Prac) –III	1	-	-	2	100
7	NS1307	Cargo Handling & Stowage – III	3	3	-	-	100
8	NS1308	Nautical Mathematics - III	2	3	-	-	100
9	NS1309	Meteorology – I	3	3	-	-	100
10	NS1310	Ship Masters Business	2	2	-	-	100
11	NS1311	Marine Engrg. Auto.Contr, Systems -I	2	2	-	1	100
12	NS1312	STCW	2	2	-	-	100
13	NS1313	PT, Drills, Parade & Games	1	-	-	-	100
TOTAL: <u>30 Periods/week</u>							

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Semester: IV

S.No	SUB CODE	SUBJECT TITLE	C	L	T	P	M
1	NS1401	Navigation - IV	3	2	-	-	100
2	NS1402	Bridge Equipment Watch keeping & Resource Management -IV	2	2	-	-	100
3	NS1403	Chart work Voyage Planning and Collision Prevention -IV	3	-	-	3	100
4	NS1404	Naval Architecture – IV	3	3	-	-	100
5	NS1405	Ship Operation Technology – IV	3	2	-	-	100
6	NS1406	Ship Operation Technology (Prac) –IV	1	-	-	2	100
7	NS1407	Cargo Handling & Stowage – IV	3	3	-	-	100
8	NS1408	Nautical Mathematics - IV	3	2	-	-	100
9	NS1409	Meteorology – II	3	3	-	-	100
10	NS1410	Marine Workshop Practice - I	1	-	-	2	100
11	NS1411	Maritime Commerce	2	3	-	-	100
12	NS1412	STCW	2	2	-	-	100
13	NS1413	Parade Drills, PT & Games	1	-	-	-	100
14	NS-E1 NS-E2	Department Elective: Polar Navigation (Or) Marine Research Skills	2	1	-	-	100
TOTAL: 30 Periods/week							

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Semester: V

S. No	SUB CODE	SUBJECT TITLE	C	L	T	P	M
1	NS1501	Navigation – V	3	2	-	-	100
2	NS1502	Bridge Equipment Watch keeping & Resource Management –V	3	2	-	-	100
3	NS1503	Chart work Voyage Planning and Collision Prevention -V	2	-	-	2	100
4	NS1504	Naval Architecture – V	3	3	-	-	100
5	NS1505	Ship Operation Technology – V	3	2	-	-	100
6	NS1506	Ship Operation Technology (Prac) – V	1	-	-	2	100
7	NS1507	Cargo Handling & Stowage – V	3	3	-	-	100
8	NS1508	Meteorology - III	3	3	-	-	100
9	NS1509	Marine Engrg. Auto.Contr, Systems –II	2	2	-	-	100
10	NS1510	Marine Workshop Practice – II	1	-	-	2	100
11	NS1511	Maritime Law - I	2	2	-	-	100
12	NS1512	Marine Environment Protection	3	2	-	-	100
13	NS1513	Parade Drills PT & Games	1	-	-	-	100
14	NS-E3 NS-E4	Department Elective: Marine Biology (Or) Satelite Communication	2	1	-	-	100
16	NS-OE1	Open Elective Marine Environment	2	2	-	-	100
TOTAL: <u>30 Periods/week</u>							

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Semester: VI

S.No	SUB CODE	SUBJECT TITLE	C	L	T	P	M
1	NS1601	Navigation - VI	3	2	-	-	100
2	NS1602	Bridge Equipment Watch keeping & Resource Management -VI	2	2	-	-	100
3	NS1603	Chart work Voyage Planning and Collision Prevention -VI	3	-	-	2	100
4	NS1604	Naval Architecture – VI	3	3	-	-	100
5	NS1605	Ship Operation Technology – VI	3	2	-	-	100
6	NS1606	Cargo Handling & Stowage – VI	3	3	-	-	100
7	NS1607	Marine Engrg. Auto.Contr, Systems -III	3	3	-	-	100
8	NS1608	Marine Workshop Practice – III	1	-	-	2	100
9	NS1609	Maritime Law - II	3	3	-	-	100
10	NS1610	Shipping Management	2	3	-	-	100
11	NS1611	Ship Board Task Orientation	4	2	-	2	100
12	NS1612	Parade Drills PT & Games	1	-	-	-	100
TOTAL: <u>30 Periods/week</u>							

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