# NATIONAL BOARD FOR TECHNICAL EDUCATION KADUNA

NATIONAL INNOVATION DIPLOMA

IN

SHIPPING MANAGEMENT

**CURRICULUM AND COURSE SPECIFICATION** 

2009

PLOT 'B' BIDA ROAD, P.M.B. 2239, KADUNA – NIGERIA

#### PROGRAMME STRUCTURE AND NOMENCLATURE

The Programme which will lead to the attainment to the National Innovation Diploma in Shipping Management will be taken in flexible modular curricula. The programme shall have a cogent and flexible structure and content that will equip the trainee with a unit of acquired skills.

#### INDUSTRIAL EXPERIENCE

The students will be required to be attached to relevant organization for a period of three months in each part for supervised and graded industrial work attachment to enable them have the relevant experience in the profession.

#### METHODS OF ASSESSMENT

Assessment for the programme shall be:

- a) Based on evidence of a practical attainment as presented by the student.
- b) Conform with the learning outcome as stipulated in the curriculum
- c) Enable the student take an assessment/examination under supervised conditions and assessed by external assessors to ensure a justifiable judgment on quality and quantity of the desired standard that is expected to have been achieved.

#### PRACTICAL CONTENT

The NID programme curriculum prescribes 80% practical content 10% Theoretical studies and 10% General studies components.

### 1.0 Entry requirements for National Innovation Diploma in Performing and Media Arts

The general entry requirements for the NID Programme are:

a. Five credits including English Language and Mathematics and any other three.

#### 2.0 Curriculum

The curriculum of NID programme consists of four main components. These are:

- i. General Studies
- ii. Foundation Studies
- iii. Professional Courses
- iv. Students Industrial Work Experience (SIWES)

The General Education component shall include courses in:- English Language and Communication, French, Mathematics and Entrepreneurship.

- 2.1 The General Education component shall account for not more than 10% of the total hours for the programme.
- 2.2 Foundation Courses include courses in Geography, Economics and Arts appreciation etc. The number of hours will vary with the programme and may account for 10% of the total contact hours.
- 2.3 Professional Courses are courses which give the students the theory and practical skills he or she needs to practice in the field of calling of the performer/technical level. These may account for 80% of the total contact hour.

### **GENERAL INFORMATION**

#### TITLE OF PROGRAMME: NATIONAL INNOVATION DIPLOMA IN SHIPPING MANAGEMENT

#### 1. **GOAL**

The National Innovative Diploma in Shipping Management designed to produce Personnel with adequate knowledge and skills to offer middle level Management and Administration in, Ports and Shipping Operation.

#### 2. **OBJECTIVES**

The objectives of the National Innovative Diploma Programme in Shipping Management are to equip diplomate with sound theoretical and practical knowledge to carry out a number of activities in shipping and business concerns effectively. The NID diplomate should be able to:

- (a) Communicate fluently, write technical reports ad essays in English Language as required in international maritime business.
- (b) Communicate and carry out simple business transactions in French language.
- (c) Understand relevant areas of the constitution of Nigeria as may be required.
- (d) Understand the rights and obligations of the Nigerian Citizen.
- (e) Operate basic computer programmes relevant to Maritime.
- (f) Carry out Investment appraisal.
- (g) Apply economic principles to shipping.

- (h) Apply basic principles of management to maritime and business activities.
- (i) Use the principles of cost accounting in shipping business.
- (j) Participate in marketing of shipping services.
- (k) Know how to establish a business.
- (l) Understand shipboard Operations.
- (m) Know shipping trade areas of the world and meteorological phenomena likely to affect shipping.
- (n) Acquire skills for assessment and analysis of maritime economics.
- (o) Transact shipping business using all the relevant documents.
- (p) Apply the relevant legal provisions in shipping.
- (q) Know how to undertake a marine insurance policy and claims procedure.
- (r) Know how to carry out port operations.
- (s) Know the manpower and physical development requirements of a port.
- (t) Understand Freight forwarding practice.
- (u) Carry out field research works in relevant areas.
- (v) Promote professional ethics and efficiency in shipping practices.
- (w) Know various sources of supply to enhance efficient procurement.

# 1<sup>st</sup> SEMESTER

Course	Course Title	L	T	P	CU	СН
Code						
CSK 401	USE OF ENGLISH	3	-	-	3	3
MAT 241	BUSINESS MATHEMATICS	3	1	-	3	3
MRN 111	FRENCH	2	-	-	2	2
SHM 111	MARITIME GEOGRAPHY I	3	2	-	3	3
SHM 112	MARITIME ECONOMICS I	3	-	-	3	3
SHM 113	GENERAL SHIP KNOWLEDGE	2	-	-	2	2
SHM 114	PRINCIPLES OF ACCOUNTING	3	2	-	3	3
SHM 115	PRINCIPLES OF MANAGEMENT	3	ı	-	3	3
SHM 116	PRINCIPLES OF LAW	3	-	-	2	2
	TOTAL =				24	24

# 2<sup>ND</sup> SEMESTER

Course	Course Title	L	T	P	CU	СН
Code						
CSK 402	COMMUNICATION SKILLS	2	-	-	2	23
MAT 252	BUSINESS MATHEMATICS II	2	-	-	2	2
SHM 121	MARINE ENVIRONMENTAL	2	-	-	2	2
	PROTECTION					
COM 111	USE OF COMPUTER I	1	-	2	2	2
MRN 121	FRENCH II	3	-	-	3	3
SHM 123	MARITIME ECONOMICS II	2	-	-	2	2
SHM 124	PORT OPERATION AND	3	-	-	3	3
	MANAGEMENT I					
SHM 125	BASIC COST ACCOUNTING	3	-	3	3	3
SHM 126	MARITIME GEOGRAPHY II			-	2	2
SHM 199	SIWES	-	-	-	3	3
	TOTAL =				24	24

# 3<sup>RD</sup> SEMESTER

Course	Course Title	L	T	P	CU	СН
Code						
CSK 501	MARITIME COMMUNICATION	2	-	-	2	2
EDP 201	INTRODUCTION TO	2	-	-	2	2
	ENTREPRENEURSHIP					
COM 121	USE OF COMPUTER II	2	-	-	2	2
MRN 211	FRENCH II	2	-	1	2	2
SHM 211	MARITIME LAW I	3	-	-	3	3
SHM 212	PORT OPERATION AND	3	-	-	3	3
	MANAGEMENT II					
SHM 213	EXPORT MANAGEMENT	3	-	-	3	3
SHM 214	PURCHASING PRACTICE	3	-	-	3	3
SHM 216	RESEARCH METHODOLOGY	2			2	2
SHM 215	INTERNATIONAL TRADE &	2	-	-	2	2
	PAYMENTS					
	TOTAL =				24	24

# **4<sup>TH</sup> SEMESTER**

4 SEMESTER							
Course	Course Title	L	T	P	CU	CH	
Code							
CSK 502	COMMUNICATION	2	-	-	2	2	
MRN 221	FRENCH IV	2	-	-	2	2	
SHM 221	MARINE INSURANCE	3	-	-	3	3	
SHM 222	PRINCIPLES/PRACTICE OF	3	-	-	3	3	
	SHIPPING						
SHM 223	FREIGHT FORWARDING	3	-	-	3	3	
	PRACTICE						
EDP 202	PRACTICE OF	2	-	-	2	2	
	ENTREPRENEURSHIP						
SHM 224	PRACTICE OF MARKETING	3	-	-	3	3	
SHM 299	PROJECT	3	-	-	3	3	
SHM 225	MARITIME LAW II	3	-	-	3	3	
	TOTAL =				24	24	

**COURSE TITLE:** FRENCH LANGUAGE I

CODE: MRN 111

**CREDIT UNITS:** 

**DURATION:** ONE SEMESTER

**GOAL:** This course is designed to provide the student with the basic knowledge of French Language.

### **GENERAL OBJECTIVES:**

- 1.0 Understand basic French
- 2.0 Know the use of French verbs
- 3.0 Know numbers in French
- 4.0 Understand simple French grammar
- 5.0 Know how to write simple passages in French

PROGRAMME: NATIONAL INNOVATION DIPLOMA IN SHIPPING MANAGEMENT								
COURS	SE: FRENCH LANGUAGE		<b>Course Code:</b>	MRN 111	Contact Hours: 30	) Hours		
<b>GOAL:</b> This course is designed to provide the student with the basic knowledge of French Language.								
	SE SPECIFICATION: Theoretical		Pract	ical Contents:				
Genera	Objectives: 1.0 Understand Basic F	rench						
Week	Specific learning objective	Teacher Activities	Learning	Specific Learning	Teacher	Learning		
			Resource	Objective	Activities	Resource		
1.0	11.6	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	D 1	G	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	D 1		
1-3	1.1 Greet in French	a) Lead a	Books	Greet in French	a) Lead a	Books		
	1.2 Introduce self in French	discussion on the	Magazines	Introduce self in	discussion on	Magazines		
	1.3 Identify objects in the	importance of the	Cassette VCD	French	the	Cassette VCD		
	classroom and the immediate	French Language		Identify objects in	importance of			
	surrounding	b) List out the basic		the classroom	the French			
	1.4 Express self using the various	greetings for		and the	Language			
	articles:- definite and	the different		immediate	b) List out the			
	indefinite.	times of the day		surrounding	basic			
	1.5 Identify colours in French	and other		Express self using	greetings for			
	1.6 Introduce members of a	situations.		the various	the different			
	family in French	c) Read through the		articles:-	times of the			
		various greetings		definite and	day and			
		aloud and let the		indefinite.	other			
		students repeat		Identify colours in	situations.			
		after you.		French	c) Read through			
		d) Introduce the		Introduce	the various			
		tittles:-		members of a	greetings			
		Monsieur,		family in	aloud and let			
		Madame,		French	the students			
		Mademoiselle,			repeat after			
		etc and			you.			

explain their	d) Introduce the
usage.	tittles:-
e) Introduce the	Monsieur,
verb	Madame,
"S'appeller"	ademoiselle,
for use in self	etc and
introduction.	explain their
f) Introduce yourself	usage.
using the verb	e) Introduce
S'appeller and let	the verb
the students do	"S'appeller"
same after your	for use in
example by	self
constantly asking	introduction.
"Et toi?"	f) Introduce
g) Make a	yourself
distinction	using the verb
between "Et	S'appeller
toi?" and "Et	and let the
vous?"	students do
h) Bring in the	same after
accompanying	your
question:	example by
"Comment tu	constantly
t'appelles?	asking
t'appeles-tu"	"Et toi?"
OR "comment	g) Make a
vous appelez-	distinction
vous?	between "Et
i) Explain the	toi?" and "Et
differences on (h)	vous?"

above	h) Bring in the
j) Introduce a	ccompanying
passage	question:
(conversation)	"Comment
that blend treats	tu
greetings and self	
introduction	t'appeles-tu"
and let the	OR
students assume	"comment
the roles of the	vous appelez-
personalities in	vous?
the conversation.	i) Explain the
	differences on
	(h)
	above
	j) Introduce a
	passage
	conversation)
	that blend
	treats
	greetings and
	self
	introduction
	and let the
	students
	assume
	the roles of
	the
	personalities
	in the
	conversation.

Genera	l Objectives: 2.0 Know the use of Fro	ench verbs.				
4-6	2.1 Identify the 'etre' and 'avoir'	a) Classify French	Relevant	Identify the	a) Classify	Relevant
	verbs.	verbs	pictures and	'etre' and	French	pictures and
	2.2 Make simple sentences using	b) Define	drawings	'avoir'	verbs	drawings
	the verb 'etre'.	conjugation		verbs.	b) Define	
	2.3 Make simple sentences using	c) Give formats for	Textbooks	Make simple	conjugation	Textbooks
	the verb 'avoir	conjugating	Cassette	sentences	c) Give formats	Cassette
	2.4 Use the verbs 'etre' and avoir	verbs in the	VCD/DVD	using the	for	VCD/DVD
	in the negative forms	various groups.		verb 'etre'.	conjugating	
	2.5 Identify the different group of	d) Introduce the		Make simple	verbs in the	
	verbs.	irregular verbs		sentences	various	
	2.6 Conjugate the 'ER' verbs	and explain why		using the	groups.	
	2.7 Make simple sentences using	they are		verb 'avoir	d) Introduce the	
	numbers in french	irregular.		Use the verbs	irregular	
		e) Treat the "avoir"		'etre' and	verbs	
		and 'etre'		avoir in the	and explain	
		verbs with their		negative	why they are	
		peculiarities.		forms	irregular.	
				Identify the	e) Treat the	
		f) Introduce the		different	"avoir"	
		reflexive verbs		group of	and 'etre'	
		and explain their		verbs.	verbs with	
		peculiarities.		Conjugate the	their	
				'ER' verbs	peculiarities.	
				Make simple	f) Introduce the	
				sentences	reflexive	
				using	verbs and	
				numbers in	explain their	
				french	peculiarities.	

Genera	l Objectives: 3.0 Know numbers in F	rench				
7-9	3.1 Count up to 100 in French	a) Write numbers	Pictures and	3.1 Count up to	a) Write	Pictures and
	3.2 Tell the time in French	and their	Objects relevant	100 in	numbers	Objects relevant
	3.3 Name the days of the week and	equivalent words	for the	French	and their	for the
	months of the year in French	in French on	demonstration	3.2 Tell the time	equivalent	demonstration
	3.4Tell the date in French	the board.		in French	words	
		b) Read out and ask	Wall Clock	3.3 Name the	in French on	Wall Clock
		students to		days of the	the board.	
		repeat after you.	Wall Charts for	week and	b) Read out and	Wall Charts for
		c) Introduce time by	Days of the	months of	ask students	Days of the
		drawing the	Weeks	the year in	to repeat	Weeks
		clock on the		French	after you.	
		board. Ask the		3.4 Tell the date	c) Introduce	
		question "Quelle		in French	time by	
		heure est-il" with			drawing the	
		the accompanying			clock on the	
		answer "11 est			board. Ask	
					the question	
		d) Write out the			"Quelle	
		days of the week			heure est-il"	
		and the months			with the	
		of the year and			accompanying	
		Guide them			answer "11	
		through			est"	
		pronunciation.			d) Write out the	
		e) Create a market			days of the	
		scene introduce			week and	
		passages where			the months	
		students assume			of the year	

	si e	he roles of ellers and buyers engaging in pargains.			and Guide them through pronunciation. e) Create a market scene introduce passages where students assume the roles of sellers and buyers engaging in	
General Ob	<b>pjectives: 4.0</b> Understand simple French	ch grammar			bargains.	
10 - 12	4.1 Identify personal pronoun in French 4.2 Make sentences using personal pronouns. 4.3 Identify possessive adjectives 4.4 Make simple sentences using possessive adjectives 4.5 Identify aquaintative sentences 4.6 Identify negative sentences	a) Introduce the personal pronouns:- Je, Tu, 11/Elle, Nous, Vous, 11s/Elles b) Make sentences with each and write them down for the students to	Wall Chart containing things with pronouns.	a) Identify personal pronoun in French b) Make sentences using personal pronouns. c) Identify possessive adjectives d) Make simple	a) Introduce the personal pronouns:- Je, Tu, 11/Elle, Nous, Vous, 11s/Elles b) Make sentences with each and write them down for the students to	Wall Chart containing things with pronouns.

		see and read		sentences	see and read	
		after you.		using	after you.	
		c) Introduce the		possessive	c) Introduce the	
		possessive		adjectives	possessive	
		adjectives:		e) Identify	adjectives:	
		mon, ma, mes,		aquaintative	mon, ma, mes,	
		ton, ta, tes, son		sentences	ton, ta, tes, son	
		sa ses ntre notre		4.6 Identify	sa ses ntre notre	
		nos votre votre		negative	nos votre votre	
		vos, leur leur		sentences	vos, leur leur	
		leurs.			leurs.	
		c) Make			c) Make	
		sentences with			sentences with	
		them and			them and	
		introduce			introduce	
		passages that			passages that	
		treat them.			treat them.	
	ectives: 5.0 Know how to write simp	<u> </u>			·	
13 - 15	5.1 Write short and simple	a) Make simple		5.1 Write short	a) Make simple	French
	sentences about self	sentences that	Workbook	and simple	sentences that	Workbook
	5.2 Describe different everyday	include:	Textbook	sentences	include:	Textbook
	activities Cooking,	name,	Journal	about self	name,	Journal
	swimming, walking,	address, age,		5.2 Describe	address, age,	
	fighting, playing, visiting	family		different	family	
	friends and relatives etc.	members,		everyday	members,	
	5.3 Read a passage in French.	nationality,		activities	nationality,	
	5.4 Translate the passage in 5.3	likes and		Cooking,	likes and	
	above to English.	dislikes.		swimming,	dislikes.	
	5.5 Change sentences from	b) Write out		walking,	b) Write out	
	simple present tense to past	examples of		fighting,	examples of	
	tense.	daily		playing ,	daily	

routines	visiting	routines
c) Give essay	friends and	c) Give essay
topics as	relatives etc.	topics as
follows:	5.3 Read a	follows:
Mon Village	passage in	Mon Village
Ma Mere	French.	Ma Mere
Mon Pere	5.4 Translate the	Mon Pere
L'Academie,	passage in	L'Academie,
etc.	5.3 above to	etc.
d) Introduce	English.	d) Introduce
passages that:	5.5 Change	passages that:
a) Describe	sentences	a) Describe
people	from simple	people and
and places	present tense	places
b) Describe	to past tense.	b) Describe
activities	_	activities

COURSE TITLE: FRENCH LANGUAGE II

CODE: MRN 121

**CREDIT UNITS:** 3

**DURATION:** One Semester

GOAL: This course is designed to provide the student with more grammatical skills in French.

### **GENERAL OBJECTIVES:**

- 1.0 Know definite and indefinite articles
- 2.0 Understand the use of prepositions
- 3.0 Understand the use of adjectives
- 4.0 Know how to construct sentences in French
- 5.0 Understand Passages read in French
- 6.0 Know singular and plural
- 7.0 Know how to read and translate passages in French
- 8.0 Know how to write composition in French

PROGE	PROGRAMME: NATIONAL INNOVATION DIPLOMA IN SHIPPING MANAGEMENT								
COURS	SE: FRENCH LANGUAGE II		COURSE CODE	E: MRN 121	CONTACT HOU	RS: 30 HOURS			
<b>GOAL:</b>	GOAL: This course is designed to provide the student with more grammatical skills in French.								
COURS	SE SPECIFICATION: Theoretical	<b>Contents:</b>	Practica	al Contents:					
General	Objectives: 1.0 Know definite and	l indefinite articles							
Week	Specific learning objective	Teacher	Learning	Specific	Teacher	Learning			
		Activities	Resource	Learning	Activities	Resource			
				Objective					
1 - 2	1.1 Identify un, une, des, le, la, les	1) Explain the	Real fruits,	1) Identify un,	1) Explain the	Real fruits,			
	and	two groups	concrete	une, des, le,	two groups	concrete			
	1.2 Distinguish between un, une,	of nouns in	objects,	la, les and	of nouns in	objects,			
	des, le, la, les	French.	pictures,	2) Distinguish	French.	pictures,			
	1.3 Mention names of fruits	2) Present real	Ship picture	between un,	2) Present real	Ship picture			
	1.4 List items/objects within and	fruits,		une, des, le,	fruits,				
	around the classroom	objects		la, les	objects				
	1.5 List parts of a ship	human being		3) Mention	human being				
		and picture		names of	and picture				
		of a ship.		fruits	of a ship.				
		3) Name them		4) List	3) Name them				
		with the		items/object	with the				
		appropriate		s within and	appropriate				
		articles.		around the	articles.				
		Introduce		classroom	Introduce				
		passages and		5) List parts of	passages and				
		pictures that		a ship	pictures that				
		make use of			make use of				
		the articles.			the articles.				

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<b>Gene</b> 5-6	ral Objectives: 3.0 Understand the  3.1 Describe people and things using simple suitable adjectives  3.2 List names of countries and form adjectives from them  3.3 Use of the appropriate	e use of adjectives  1) Mention the various forms of adjectives — colour, possessive, demonstrative, nationality, etc.  2) Write out the demonstrative	The board, concrete objects, colours, flags, pictures. Journals	au coin de, au coin du, etc.  1) Describe people and things using simple suitable adjectives  2) List names of countries and form adjectives	1) Mention the various forms of adjectives – colour, possessive, demonstrative, nationality, etc. 2) Write out the	The board, concrete objects, colours, flags, pictures, Journals.
	forms of colour and other adjectives to qualify nouns in French.	adjective: Ce, cet, cette, ces and explain their uses taking note of the gender. 3) Form adjectives from country names and ask students to follow the examples. 4) Bring in the colour adjectives also taking note of gender difference 5) Introduce passages that treat the various forms		adjectives from them  3) Use of the appropriate forms of colour and other adjectives to qualify nouns in French.	emonstrative adjective: Ce, cet, cette, ces and explain their uses taking note of the gender. 3) Form adjectives from country names and ask students to follow the examples.	

Gener	ral Objectives: 4.0: Know how to	of adjectives.	Grench		Bring in the colour adjectives also taking note of gender difference Introduce passages that treat the various forms of adjectives.	
7-8	4.1 Use "oui" and "Non" correctly 4.2 Distinguish between "comment" and "combien" and use them appropriately. 4.3 Distinguish between "S" meaning "if" and "si" meaning "yes" and use them appropriately. 4.4 Change sentences from positive to negative and interrogative and vice versa. 4.5 Form and use the imperative from the indicative form of sentences. 4.6 Demonstrate three ways of	1) Lead a discussion on the meaning and use of imperative statements – for instructions, commands and other obligations.  2) Introduce passages that treat imperative, 3) Ask various questions that require either "oui" "Non", or" Si" as their	Questions and answer charts.	4.1 Use "oui" and "Non" correctly 4.2 Distinguish between "comment" and "combien" and use them appropriately.  4.2 Distinguish between "S" meaning "if" and "si" meaning "yes" and use them appropriately.  4.4 Change sentences from positive to	Lead a discussion on the meaning and use of imperative statements – for instructions, commands and other obligations.  Introduce passages that treat	Questions and answer charts.

asking questions in French	answers.	negative and	imperative,	
asking questions in French	4) Demonstrate the	interrogative	Ask various	
	use of "comment"	and vice versa.	questions	
	and "combien"	4.4 Form and use	that require	
	for questioning	the imperative	either "oui"	
	with the	from the	"Non", or"	
	accompanying	indicative	Si" as their	
	answers.	form of	answers.	
	5) Demonstrate "si"	sentences.	Demonstrate the	
	meaning "if".	4.5 Demonstrate	use of	
		three ways of	"comment"	
		asking	and	
		questions in	"combien"	
		French	for	
			questioning	
			with the	
			accompanyi	
			ng answers.	
			Demonstrate	
			"si"	
			meaning	
			"if".	

Genera	General Objectives: 5.0 Understand Passages read in French							
9 -10	5.1 Listen to short simple dictation passages and recorded cassettes. 5.2 Write them down with a few or no mistake	<ol> <li>Dictate simple passages written in French</li> <li>Invite other French speakers/teachers to dictate at various times for voice change.</li> <li>Play recorded audio cassettes.</li> </ol>	Cassette	5.1 Listen to short simple dictation passages and recorded cassettes. 5.3 Write them down with a few or no mistake	Dictate simple passages written in French Invite other French speakers/teac hers to dictate at various times for voice change. Play recorded audio cassettes.	The Board, concrete objects, pictures. Textbooks Journals Cassette VCD/DVD		

Genera	l Objectives: 6.0 Know singular	and plural				
11-12	<ul><li>6.1 Know how to form plurals of nouns, adjectives and verbs in French.</li><li>6.2 Change nouns, adjectives and verbs from singular to plural and vice versa.</li></ul>	<ol> <li>Explain various ways of forming the plurals.</li> <li>Give the students some oral and written exercises on plurals.</li> <li>Introduce passages that treat singular and plural.</li> </ol>	Textbooks Journals	Know how to form plurals of nouns, adjectives and verbs in French. Change nouns, adjectives and verbs from singular to plural and vice versa.	Explain various ways of forming the plurals. Give the students some oral and written exercises on plurals. Introduce passages that treat singular and plural.	Textbooks Journals
13-14	7.1 Read short simple passages in French. 7.2 Give their meanings in English. 7.3 Read short simple passages in French. 7.4 Answer questions on them in both oral and written French.	<ol> <li>Appoint students to read</li> <li>Guide and correct their pronunciations.</li> <li>Go through vocabulary acquisition with the students.</li> <li>Answer students' questions</li> <li>Get students to</li> </ol>	Journals Tape Cassette VCD/DVD	Read short simple passages in French. Give their meanings in English. Read short simple passages in French. Answer	Appoint students to read Guide and correct their pronunciations. Go through vocabulary acquisition with the students. Answer students' questions Get students to	Journals Tape Cassette VCD/DVD

	questi	er rehension ions on ges read.		questions on them in both oral and written	answer comprehension questions on passages read.	
	1		1	French.		
General Objectives: 8.0 Kr						
8.1 Compose shor and correct ser familiar subject 8.2 Look at picture describe the action simple correct	ntences on asking questions in compositions in writing	simple ons that give lues to sition g on the es presented pics	The Board	Compose short, simple and correct sentences on familiar subjects.  8.2 Look at pictures and describe the actions in simple correct French.	1. Guide students by asking simple questions that give them clues to composition writing on the pictures presented and topics given for composition.	The Board

COURSE TITLE: FRENCH LANGUAGE III

CODE: MRN 211

**CREDIT UNITS:** 3

**DURATION:** One Semester

**GOAL:** This course is designed to provide the student with skills in writing in French.

### **GENERAL OBJECTIVES:**

- 1.0 Know the use of passé compose
- 2.0 Know how to write informal letters in French
- 3.0 Know how to compose short, but whole stories in French
- 4.0 Know how to write short but correct sentences in French.
- 5.0 Understand and translate short sentences and whole stories in French
- 6.0 Understand basic rules of French grammar
- 7.0 Know how to receive and produce French sound patterns.

PROGRAMME: NATIONAL INNOVATION DIPLOMA IN SHIPPING MANAGEMENT										
COUR	SE: FI	RENCH LANGUAGE III		COURSE	CODI	E: MRN 211	CONTACT HOURS	: 30 hours		
GOAL:	This	s course is designed to j	provi <mark>de the student</mark>	with skills	in w	riting in French	<b>1.</b>			
COURS	COURSE SPECIFICATION: Theoretical Contents:  Practical Contents:									
General Objectives: 1.0 Know the use of passé compose										
Week	Spec	cific learning objective	Teacher Activities	Learning	_	cific Learning	<b>Teacher Activities</b>	Learning		
				Resource	Obj	ective		Resource		
1.	1 1	Conjugate warbs in the	1) Explain how the	Textbooks	1.1	Conjugata yarba	Explain how the	Textbooks		
1.	1.1	Conjugate verbs in the Passe Compose using	1) Explain how the Passe compose is	Magazine	1.1	Conjugate verbs in the Passe	Passe compose	Magazine		
		the auxiliaries Avoir and	formed from a	Journals		Compose	is formed from	Journals		
		ETRE	combination of	Journals		using the	a combination	Journais		
	1.2	Read and write reported	either the			auxiliaries	of either the			
	1.2	speeches	auxiliary AVOIR			Avoir and	auxiliary			
	1.3	Explain itinery and write	or ETRE and the			ETRE	AVOIR or			
	1.5	biography of people	past participle of		Reac	and write	ETRE and the			
	1.4	Make sentences using	the verb			reported	past participle			
		the active and passive	concerned			speeches	of the verb			
		voices	2) Explain that the		1.3	Explain itinery	concerned			
			auxiliary AVOIR			and write	Explain that the			
			is used with			biography of	auxiliary			
			majority of the			people	AVOIR is			
			verbs.		1.4	Make sentences	used with			
			3) Explain other			using the active	majority of the			
			verbs, especially			and passive	verbs.			
			the verbs of			voices	Explain other			
			motion using the				verbs,			
			auxiliary etre.				especially the			

Conoro	l Objectives: 2.0 Know how to	4	Emphasize agreement with the past participle. Introduce passages in Passe Compose.	Eron oh		verbs of motion using the auxiliary etre.  Emphasize agreement with the past participle. Introduce passages in Passe Compose.	
2-4.	Identify features of a typical French informal letter. Read informal letters written in French. Write simple informal letters in French	2)	Write out the format for writing an informal letter in French . Bring sample letters to the class and go through with the students Correct students written simple informal letters in French.	Textbooks Magazine Journals	Identify features of a typical French informal letter. Read informal letters written in French. Write simple informal letters in French	Write out the format for writing an informal letter in French. Bring sample letters to the class and go through with the students Correct students written simple informal letters in French.	Textbooks Magazine Journals

Genera	l Objectives: 3.0 Know how to co	ompose short, but whole	stories in Fre	nch		
5-6	3.1 Write a biography.	1) Use extracts of	Textbooks	Write a biography.	1) Use extracts of	Textbooks
	3.2 Write a telegram.	biographies of	Magazine	Write a telegram.	biographies of	Magazine
	3.3 Write recipes	authors and		Write recipes	authors and	
	3.4 Write on other familiar	recipes for		Write on other	recipes for	
	subjects such as un match	various familiar		familiar subjects	various	
	de football que j'ai assiste,	local dishes.		such as un match	familiar local	
	Pendant les vacances, etc.	2) Introduce		de football que j'ai	dishes.	
		passages of		assiste, Pendant	4) Introduce	
		narrative types on		les vacances, etc.	passages of	
		past events.			narrative types	
		3) Write simple			on past events.	
		essays on chosen			5) Write simple	
		topics.			essays on	
					chosen topics.	
	l Objectives: 4.0 Know how to w		tences in Frei			
7-8	4.1 Use "Pourquoi" and	1) Make effective	Textbooks	Use "Pourquoi" and	Make effective use	Textbooks
	"Parceque" correctly.	use of passages	Magazine	"Parceque"	of passages that	Magazine
	4.2 Form and use the	that seek why		correctly.	seek why	
	imperatives.	certain things		Form and use the	certain things	
	4.3 Form and use different	happen and the		imperatives.	happen and the	
	types of adjectives	answers to such		Form and use	answers to such	
	(Demonstrative, ordinal,	questions.		different types of	questions.	
	etc).	2) Give orders and		adjectives	Give orders and	
	4.4 Identify and use pertitives	instructions and		(Demonstrative,	instructions and	
	(Prepositions, pronouns,	involve students		ordinal, etc).	involve	
	articles, etc).	in the giving and		Identify and use	students in the	
	4.5 Use partitifs (prepositions,	carrying out of		pertitives	giving and	
	pronouns,	orders as much as		(Prepositions,	carrying out of	

articles, etc).	possible. 3) Advance more on the use of adjectives and prepositions.		pronouns, articles, etc). Use partitifs (prepositions, pronouns, articles, etc).	orders as much as possible. Advance more on the use of adjectives and prepositions.	
General Objectives: 5.0 Understand and t	translate short sentences	and whole st	tories in French		
9-10  5.1 Read short, simple passages in French and gather vocabulary on the following subjects.  a) Nouns and furniture in a building  b) Courses and programmes in the Academy  c) Languages spoken in the world  d) Analysis of simple poems  e) The market  5.2 Translate the passages  5.3 Answer oral and written questions on the passages.	1) Guide students through reading of the passages 2) Correct their pronunciation mistakes. 3) Ask oral and written questions on the passages read.	French Journals Magazine	5.1 Read short, simple passages in French and gather vocabulary on the following subjects.  a) Nouns and furniture in a building  b) Courses and programmes in the Academy  c) Languages spoken in the world  d) Analysis of simple poems  e) The market  5.2 Translate the passages  5.3 Answer oral and written questions on the passages.	1) Guide students through reading of the passages  2) Correct their pronunciation mistakes.  3) Ask oral and written questions on the passages read.	French Journals Magazine

General Objectives: 6.0 Understand basic rules of French grammar							
11/12	6.1 Gather more prepositions.	1) Guide students	Concrete	6.1 Gather more	1) Guide students	Concrete	
	6.2 Express tastes and	through passages	objects in	prepositions.	Through	objects in and	
	preferences	that treat	and	6.2 Express tastes and	passages that	around the	
	(comparative and	comparison of two	around the	preferences	treat	classroom.	
	superlatives)	or more things.	classroom.	(comparative and	comparison		
	Compare tastes and	2) Express likes,		superlatives)	of two or more	Textbooks	
	preferences	dislikes and	Textbooks	6.3 Compare tastes	things.		
	(comparative and	preferences.		and preferences	2) Express likes,		
	superlatives).	3) Make suggestions		(comparative and	dislikes and		
	Identify use the pronouns celle,	using "il faut".		superlatives).	preferences.		
	celui, ceux celles, etc.			6.4 Identify use the	3) Make		
	Use the pronouns – celle, celui,			pronouns celle,	Suggestion		
	ceux, celles, etc.			celui, ceux celles,	using "il faut".		
	Identify, the verb "falloir"			etc.			
	Conjugate the verb "falloir".			6.5 Use the pronouns			
				– celle, celui,			
				ceux, celles, etc.			
				6.6 Identify, the verb			
				"falloir"			
				6.7 Conjugate the			
				verb "falloir".			

General Objectives: 7.0 Know how to receive and produce French sound patterns.						
13-14	7.1 Listen to short simple	1) Read out passages	Recorded	7.1 Listen to short	1) Read out	Recorded
	dictation passages by the	for students to	video and	simple dictation	passages	video and
	lecturer	take down	audio tapes,	passages by the	for students to	audio tapes,
	7.2 Take them down with a	2) Make students	Journal	lecturer	take down .	Journal
	few mistakes.	listen to recorded	Magazines.	7.4 Take them	2) Make students	Magazines.
	7.3 Count from 1,000 and	cassettes and take		down with a	listen to	
	above	down with a few		few mistakes.	recorded	
	7.4 Engage in argument and	or no mistakes.		7.5 Count from	cassettes and	
	discussions on various	3) Create life		1,000 and above	take down with	
	topics.	situations that		7.4 Engage in	a few or no	
		instigate argument		argument and	mistakes.	
		and discussions.		discussions on	3) Create life	
		Correct pronunciation		various topics.	situations that	
		mistakes			instigate	
		5) Make use of video			argument	
		tapes if available.			and discussions.	
					4) Correct	
					pronunciation	
					mistakes	
					5) Make use of	
					video tapes if	
					available.	

**COURSE TITLE:** FRENCH LANGUAGE IV

CODE: MRN 221

**CREDIT UNITS:** 

**DURATION:** ONE SEMESTER

GOAL: This course is designed to provide the student mastery of vocabulary and structure in French.

### **GENERAL OBJECTIVES:**

- **1.0** Know how to receive and produce French sound patterns and other oral skills more effectively.
- 2.0 Know how to read simple French texts for vocabulary and grasping of language structure
- 3.0 Understand basic mastery of grammatical structures of the French grammar.
- **4.0** Know how to use model texts of descriptive and narrative types for effective textual communicative skills.
- **5.0** Know how to write formal letters in French.

PROGRAMME: NATIONAL INNOVATION DIPLOMA IN SHIPPING MANAGEMENT									
COURSE: FRENCH LANGUAGE IV			COURSE CO	COURSE CODE: MRN 221		CONTACT HOURS: : 30 Hrs			
GOAL: This course is designed to provide the student mastery of vocabulary and structure in French.									
COURSE SPECIFICATION : Theoretical Contents: Practical Contents:									
General Objectives: 1.0 Know how to receive and produce French sound patterns and other oral skills more effectively.									
Week	Specific learning objective	Teacher Activities	Learning	Specific Learning	Teacher	Learning			
			Resource	Objective	Activities	Resource			
1-2	<ul> <li>1.1 Listen to short passages either recorded or read by the lecturer or by a resource person.</li> <li>1.2 Take down the passages in form of dictation with little or no mistakes.</li> <li>1.3 Read the passages with little or no mistakes</li> <li>1.4 Listen to passages and answer questions on them.</li> </ul>	1) Read passages three (3) times for clarity of words and sounds 2) Write out passages after dictation. 3) Correct spelling and pronunciation mistakes.	Extracts from books, newspapers, etc, recorded audio cassettes, radio set.	1) Listen to short passages either recorded or read by the lecturer or by a resource person. 2) Take down the passages in form of dictation with little or no mistakes. 3) Read the passages with little or no mistakes	1) Read passages three (3) times for clarity of words and sounds 2) Write out passages after dictation . 3) Correct spelling and pronunciation mistakes.	Extracts from books, newspapers, etc, recorded audio cassettes, radio set.			
				4) Listen to passages and answer questions on them.					

Genera	General Objectives: 2.0 Know how to read simple French texts for vocabulary and grasping of language structure								
3-5	2.1 Read passages for	1. Choose simple	Extracts from	1. Read passages	1. Choose	Extracts from			
	vocabulary	comprehension	books,	for vocabulary	simple	books,			
	2.2 Answer comprehension	passages from	magazines,	2. Answer	comprehension	magazines,			
	questions on the	books and other	newspapers and	comprehensio	passages from	newspapers and			
	passages read.	prints.	others, cassette	n questions on	books and	others, cassette			
	2.3 Make use of the	2. Guide students	objects in and	the passages	other prints.	objects in and			
	vocabulary so acquired	through the	around the	read.	2. Guide	around the			
	in real life situation.	reading exercise	classroom,	3. Make use of the	students	classroom,			
	2.4 Identify the language	as their	pictures and	vocabulary so	through the	pictures and			
	structures in the	pronunciation	drawings.	acquired in	reading	drawings.			
	passages read.	mistakes		real life	exercise as				
	2.5 Make use of the	are corrected.		situation.	their				
	language structures in	3. Ask simple		4. Identify the	pronunciation				
	real life situation.	questions for		language	mistakes				
		evaluation.		structures in	are corrected.				
		4. Pick out items for		the passages	3. Ask simple				
		grammatical		read.	questions for				
		studies from the		5. Make use of the	evaluation.				
		passages read		language	4. Pick out				
		and explain their		structures in	items for				
		uses.		real life	grammatical				
		5. Use pronoun		situation.	studies from				
		complement			the passages				
		with the			read and				
		infinitive.			explain their				
		Si - (if) in a			uses.				
		reported speech.			5. Use pronoun				
		6. Mention position			complement				
		of adverbs in			with the				

sentences written	infinitive.
in the Passe	Si - (if) in a
compose.	reported
7. Write the Passive	speech.
verb forms.	6. Mention
8. Mention	position
comparatives and	of adverbs in
superlatives.	sentences
	written
	in the Passe
	compose.
	7. Write the
	Passive
	verb forms.
	8. Mention
	Comparative
	and
	superlatives.

Genera	l Objective 3.0: Understand bas	sic n	nastery of grammat	ical structures of t	he Fı	ench grammar.			
Genera 6-8	3.1 Identity the future, imperfect and the conditional in French.  3.2 Change sentences from simple present tense to the above tenses.  3.3 Read passages in the Tenses.  3.4 Write simple essays using the tenses.	1. 2. 3. 4. (a)	Use tenses and their equivalents in English. Give formats for forming the tenses. Introduce passages in the tenses. Give simple essay topics in the tenses: Ce que je ferai peadant les vacances. Quand je Frequentains L'ecale	Textbook, Magazine and Journals	3.2	rench grammar.  I Identity the future, imperfect and the conditional in French.  Change sentences from simple present tense to the above tenses.  Read passages in the Tenses.  Write simple essays using the tenses.	3. 4. (a)	essay topics in the tenses: Ce que je ferai peadant les vacances. Quand je Frequentains	Textbook, Magazine and Journals
G 101: 4:	Objectives: 40 Know how to use	c)		and nametive types	for off	Castive toytuel commission	c)		
9-10	Objectives: 4.0 Know how to use 4.1 Read the text in French.	e mo	Guide students as	Simple French		Read the text in	1	Guide students as	Simple
9-10	4.1 Read the text in French. 4.2 Summarize the texts. 4.3 Express opinion on the	1.	they read through the texts.	texts: 1) L' Argent		French. Summarize the	1.	they read through the texts.	French texts:  1) L' Argent
	subject matter of the text.	2.	Lead a discussion where the	Ne fait pas Le Benheur.		texts. Express opinion	2.	Lead a discussion where the	Ne fait pas Le
	4.4 Answer questions on the texts.		students express their feelings	2) Deux enfants en ville		on the subject		students express their feelings	Benheur. 2) Deux

		3.	and opinions on the happenings and characters in the text. Ask questions to bring out the authors' intentions.	3) Deux enfants en vacances.	matter of the text.  Answer questions on the texts.	3.	and opinions on the happenings and characters in the text. Ask questions to bring out the authors' intentions.	enfants en ville  3) Deux enfants en vacances.
	l Objectives: 5.0 Know how to w	vrite		ench.	T	1		
11-13	5.1 Identify features of an	1.	Give format for	Writing pad and	5.1 Identify features	1.	Give format for	Writing pad
	typical French Formal		writing a formal letter in French.	envelope, extracts of	of an typical		writing a formal letter in French.	and envelope,
	letter.	2.	Write a sample	letters from	French Formal	2.	Write a sample	extracts of
	<ul><li>5.2 Read formal letters written in French.</li><li>5.3 Write simple formal letters in French.</li></ul>	3.	formal letter on the board.	books.	letter.  5.2 Read formal letters written in French.  5.3 Write simple formal letters in French.	3.	formal letter on the board. Introduce extracts of formal letters in the class. Ask students to write formal letters in French.	letters from books.

COURSE TITLE: USE OF COMPUTERS I

CODE: COM 121

**CREDIT UNITS: 3** 

**DURATION:** ONE SEMESTER

**GOAL:** This course is designed to enable the student use computers to acquire techniques in

computer application to ports and shipping operations.

## **GENERAL OBJECTIVES:**

- 1.0 Know the use of Disk Operating System (DOS)
- 2.0 Know how to define and format a page on word-processing
- 3.0 Know how to type and edit a document on word processing programmes
- 4.0 Know how to carry out text enhancement of documents.
- 5.0 Understand the general principles of a database programme
- 6.0 Know how to create a database
- 7.0 Know how to organize index records, and locate data

Understand the general principles of spreadsheet
Know data management techniques.
Know how to perform graphical analysis from numerical data
Know specific areas of computer application in ports and shipping.

PROGI	PROGRAMME: NATIONAL INNOVATION DIPLOMA IN SHIPPING MANAGEMENT								
COURS	SE: USE OF COMPUTER	RS	COURSE CO	DE: COM 121	CONTACT HOUR	RS: 3			
	GOAL: This course is designed to enable the student use computers to acquire techniques in computer application to ports and shipping operations.  COURSE SPECIFICATION: Theoretical Contents:  Practical Contents:								
	l Objectives: 1.0 Know the us								
Week	Specific learning objective	<b>Teacher Activities</b>	Learning	Specific Learning	Teacher	Learning			
			Resource	Objective	Activities	Resource			
1-2	1.1 Format disks 1.2 Create directories and	a) Introduce Disk Operating	(1) Operation manuals	1.1 Format disks 1.2 Create	a) Introduce Disk	(1) Operation manuals			
	sub-directories 1.3 Name files and label	System. b) Introduce	(2) Computers (maximum	directories and sub-	Operating System.	(2) Computers (maximum			
	volumes 1.4 Use file commands 1.5 Copy, delete or rename a	Microsoft Windows Operating	of 2 students to a Computer).	directories 1.3 Name files and label	d) Introduce Microsoft Windows	of 2 students to a Computer).			
	file or directory  1.6 Explain paths and	Environment and how to access	(3) Appropriate software	volumes 1.4 Use file	Operating Environment	(3) Appropriate software			
	pathnames 1.7 Use DOS commands	DOS. c) Explain the	packages	commands 1.5 Copy, delete	and how to access DOS.	packages			
	such as:  i. chdir or cd  ii. cls	command formats in detail and illustrate with the		or rename a file or	e) Explain the command formats in				
	ii. cls iii. Copy iv. Date	computer how to apply the		directory 1.6 Explain paths and pathnames	detail and illustrate with				
	v. Dir vi. Disk copy	commands.		1.7 Use DOS commands	the computer how to apply				
	vii. Keyb			such as:	the				

	viii. Label ix. Mkdir or md x. Print xi. Prompt xii. Rename or Ren xiii. Redir or rd xiv. Erase			i. chdir or cd ii. cls iii. Copy iv. Date v. Dir vi. Disk copy vii. Keyb vii. Label viii. Mkdir or md ix. Print x. Prompt xi. Rename or Ren xii. Redir or rd xiii. Erase	commands.	
Genera 3.	2.1 Set top and bottom margins. 2.2 Set left and right margins 2.3 Select appropriate page length and width. 2.4 Select appropriate line spacing. 2.5 Number pages 2.6 Insert headers and footers on pages.	a) Introduce word processing b) Practically illustrate how to load a word-processing application (e.g Microsoft word application or Word Perfect). c) Describe the chosen word processor	page on word- <sub>j</sub>	2.1 Set top and bottom margins. 2.2 Set left and right margins 2.3 Select Appropriate page length and width. 2.4 Select appropriate line spacing . 2.5 Number pages	a) Introduce word processing b) Practically illustrate how to load a word- processing application (e.g Microsoft word application or Word Perfect). c) Describe the	- Ditto -

		environment d) Explain practically using computers; page setup, page numbering, paragraph and headers and footers commands in the main menu.		2.6 Insert headers and footers on pages.	chosen word processor environment d) Explain practically using computers; page setup, page numbering, paragraph and headers and footers commands in the main menu.
Genera	l Objectives: 3.0 Know how to	type and edit a docui	ment on word	processing programi	mes
4.	3.1 Type a document 3.2 Move the cursor between words and lines 3.3 Delete characters. 3.4 Insert characters 3.5 Name a document 3.6 Save and retrieve a document	<ul> <li>a) Illustrate how to type a document and perform formatting.</li> <li>b) Illustrate how to save and retrieve a document</li> <li>c) Supervise practical sessions.</li> </ul>	- do -	Type a document Move the     cursor     between     words and     lines Delete     characters. Insert     characters Name a     document Save and     retrieve a     document	a) Illustrate how to type a

Genera	l Objectives: 4.0 Know how to	carry out text enhance	cement of docu	iments.		
5	<ul> <li>4.1 Highlight a block of text</li> <li>4.2 Boldface a block of text</li> <li>4.3 Underline a block of text</li> <li>4.4 Centre a block of text</li> <li>4.5 Define a block of text for large or italics print</li> </ul>	Illustrate the use of the formatting shortcut bar and practically perform blocking, boldfacing, underlining, centralizing and initializing a text.	- do -	<ul> <li>4.1 Highlight a block of text</li> <li>4.2 Boldface a block of text</li> <li>4.3 Underline a block of text</li> <li>4.4 Centre a block of text</li> <li>4.5 Define a block of text for large or italics print</li> </ul>	Illustrate the use of the formatting shortcut bar and practically perform blocking, boldfacing, underlining, centralizing and initializing a text.	- do -
Genera	l Objectives: 5.0 Understand th	ne general principles of	of a database p	<u> </u>		
6.	<ul> <li>5.1 Explain the need for the development of a programme to manage data files.</li> <li>5.2 Explain the importance of having the same set of data presented in different forms.</li> <li>5.3 State the advantages of a database programme in the management of large volumes of data files</li> <li>5.4 Explain the terms, field, record and file.</li> </ul>	<ul> <li>a) Define a database</li> <li>b) Introduce databases and applications.</li> <li>c) Outline the merits of databases and database concepts</li> <li>d) Explain Dbase modes.</li> </ul>	- do -	5.1 Explain the need for the development of a programme to manage data files.  Explain the importance of having the same set of data presented in different forms.  State the advantages of a database programme in the management of large volumes of	a) Define a database b) Introduce databases and applications. c) Outline the merits of databases and database concepts d) Explain Dbase modes.	- do -

Genera	al Objectives: 6.0 Know how to	create a database		data files Explain the terms, field, record and file.		
7-8	<ul> <li>6.1 Create a database structure</li> <li>6.2 Enter field specifications</li> <li>6.3 Enter field records</li> <li>6.4 List the records in a file</li> <li>6.5 Edit data already entered</li> <li>6.6 Work in Query and Report views</li> </ul>	a) Illustrate how to practically create edit and query databases.	- do -	6.1 Create a database structure 6.2 Enter field specifications 6.3 Enter field records 6.4 List the records in a file 6.5 Edit data already entered 6.6 Work in Query and Report views	a) Illustrate how to practically create edit and query databases.	- do -
Genera 9.	7.1 Organize fields in a file 7.2 Create an index file to access records in a specified order 7.3 Create a sorted database file 7.4 Copy records from one database file to another 7.5 Search for the first record meeting a specified	a) Illustrate practically how to index files, sort files, and copy records from one file to another, append records and locate records in a file.	ords, and locate	7.1 Organize fields in a file 7.2 Create an index file to access records in a specified order 7.3 Create a sorted database file 7.4 Copy records from one	a) Illustrate practically how to index files, sort files, and copy records from one file to another, append records and locate records in a file.	- do -

	condition.			database file to		
Committee	Okingting 9 0 Understand th		of anyondahaa	another  7.5 Search for the first record meeting a specified condition.		
10-11	<ul> <li>8.1 Explain the grid structure of the spreadsheet screen.</li> <li>8.2 Demonstrate how text, numbers and dates can be organized in the spreadsheet.</li> <li>8.3 Use formulae to perform calculations.</li> <li>8.4 Use spreadsheet programme in solving mathematical problems and in statistical analysis.</li> <li>8.5 Use a spreadsheet programme as an accounting tool.</li> </ul>	a) Introduce spreadsheets and applications. b) With an example spreadsheet (e.g. Microsoft excel, Lotus 1-2-3), Illustrate how to load spreadsheets on the computer. c) Explain Worksheet features (cell, Address, active cell) and how to traverse the Worksheet.	of spreadshee	<ul> <li>8.5 Explain the grid structure of the spreadsheet screen.</li> <li>8.6 Demonstrate how text, numbers and dates can be organized in the spreadsheet.</li> <li>8.7 Use formulae to perform calculations.</li> <li>8.8 Use spreadsheet programme in solving mathematical problems and in statistical analysis.</li> <li>8.5 Use a spreadsheet</li> </ul>	c) Introduce spreadsheets and applications. d) With an example spreadsheet (e.g. Microsoft excel, Lotus 1-2-3), Illustrate how to load spreadsheets on the computer. c) Explain Worksheet features (cell, Address, active cell) and how to traverse the Worksheet.	- do -
				programme as an accounting tool.		

General	General Objectives: 9.0 Know data management techniques.								
12	<ul> <li>9.1 Format a range of cells</li> <li>9.2 Enter information in selected cells</li> <li>9.3 Copy selection to another location on the worksheet</li> <li>9.4 Delete rows or columns</li> <li>9.5 Insert rows or columns</li> <li>9.6 Fill a series of numbers in columns</li> <li>9.7 Move a cell or range of cells to another location on the worksheet</li> <li>9.8 Save and retrieve a file</li> <li>9.9 Print a range on a printer</li> </ul>	<ul> <li>a) Illustrate data management techniques like formatting cells, copying, moving, deleting and inserting of rows and columns, entering and copying of formulae.</li> <li>b) Illustrate how to save and retrieve a worksheet.</li> <li>c) Illustrate how to print a worksheet.</li> <li>d) Supervise a practical session.</li> </ul>	- do -	Format a range of cells Enter information in selected cells Copy selection to another location on the worksheet Delete rows or columns Insert rows or columns Fill a series of numbers in columns Move a cell or range of cells to another location on the worksheet Save and retrieve a file Print a range on a printer	a) Illustrate data management techniques like formatting cells, copying, moving, deleting and inserting of rows and columns, entering and copying of formulae. b) Illustrate how to save and retrieve a worksheet. c) Illustrate how to print a worksheet. d) Supervise a practical session.	- do -			

General	l Objectives: 10.0 Know how to	perform graphical analys	is from numerical	data		
13-14	<ul> <li>10.1 Create a bar chart from numerical data</li> <li>10.2 Create a pie chart</li> <li>10.3 Create a stack-bar chart</li> <li>10.4 Plot an X-Y graph</li> <li>10.5 Add enhancements to graph</li> <li>10.6 Save a graph in a graph file</li> <li>10.7 Retrieve a graph for viewing or printing</li> </ul>	<ul> <li>a) Illustrate how to plot a graph or chart with spreadsheets</li> <li>b) Illustrate how to save graphs or charts.</li> <li>c) Illustrate how to retrieve and view a graph</li> <li>d) Illustrate how to print a graph.</li> </ul>		10.1Create a bar chart from numerical data 10.2Create a pie chart 10.3Create a stackbar chart 10.4Plot an X-Y graph 10.5 Add enhancements to graph 10.6 Save a graph in a graph file 10.7 Retrieve a graph for viewing or printing	<ul> <li>a) Illustrate how to plot a graph or chart with spreadsheets</li> <li>d) Illustrate how to save graphs or charts.</li> <li>e) Illustrate how to retrieve and view a graph</li> <li>d) Illustrate how to print a graph.</li> </ul>	- do -
	l Objectives: 11.0 Know specific		<del>-</del>		1	
15.	<ul> <li>11.1 Demonstrate the use of computers in container terminal operations.</li> <li>11.2 Use computers in the management of information and communication systems in ports and shipping.</li> </ul>	<ul> <li>a) Outline the Applications of computers in Shipping and the benefits of using computers in shipping.</li> <li>b) Illustrate the use of</li> </ul>	- do -	11.1 Demonstrate the use of computers in container terminal operations. 11.2 Use computers in	<ul> <li>a) Outline the     Applications of     computers in     Shipping and the     benefits of using     computers in     shipping.</li> <li>b) Illustrate the use</li> </ul>	- do -

11.	3 Use an application	computers in	the	of computers in	
	programme to make	voyage estimate	management of	voyage estimate	
	voyage estimate	container tour age	information and	container tour age	
	calculations.	plant and	communication	plant and	
11.	4 Use computer	warehousing and	systems in ports	warehousing and	
	programme to draw	stores control.	and shipping.	stores control.	
	container stowage plans.		11.3 Use an		
11.	<u> </u>		application		
	effective warehousing		programme		
	and stores control.		to make		
			voyage		
			estimate		
			calculations.		
			11.4 Use		
			computer		
			programme		
			to draw		
			container		
			stowage		
			plans.		
			11.5 Use of		
			computers in		
			effective		
			warehousing		
			and stores		
			control.		

COURSE TITLE: PRINCIPLES OF LAW

CODE: SHM 116

**CREDIT UNITS:** 2

**DURATION:** 30 Hrs.

**GOAL:** The course is designed to enable the student acquire adequate knowledge on how to

carryout legitimate business within the legal framework.

## **GENERAL OBJECTIVES:**

- 1.0: Know the composition of the Legal System in Nigeria
- 2.0: Know the rudiments of constitutional law and the
- 3.0 Know the nature and sources of Law
- 4.0: Know the law of persons and the law of Association
- 5.0: Know the Law of Administration of Estates and Trusts
- 6.0: Understand the Law of Property
- 7.0 Understand the rudiments of the law of contract
- 8.0 Understand the Law of Tort

#### PROGRAMME: NATIONAL INNOVATION DIPLOMA IN SHIPPING MANAGEMENT **CONTACT HOURS: 30 Hrs. COURSE: PRINCIPLES OF LAW COURSE CODE: SHM** 116 **GOAL:** The course is designed to enable the student acquire adequate knowledge on how to carryout legitimate business within the legal framework. **Practical Contents: COURSE SPECIFICATION: Theoretical Contents:** General Objectives: 1.0 Know the composition of the Legal System in Nigeria **Specific learning objective** Learning **Specific Learning** Week **Teacher Activities Teacher Activities** Learning **Objective** Resource Resource 1-2 1) Define Law 1) Define Law Legal System in Nigeria Legal System in 1.1 Define law and explain 2) State the reasons Nigeria 2) State the why law is an important why law is 1.1 Define law and **Textbook Textbook** reasons aspect in the existence of a explain why important aspect why law is society in the existence of law is an important 1.2 Identify the types and important a society. Documents of aspect in the **Documents** hierarchy of courts existence of 3) Explain the decided cases. aspect in the of decided 1.3 Identify the existence of existence of existence of a a society. cases. Tribunals and arbitration society 3) Explain the Tribunals and (body, group or panel) Arbitration 1.2Identify the existence of 1.4 Explain the jurisdictions 4) Describe the Tribunals and types and of various courts, tribunal jurisdictions hierarchy of Arbitration and arbitration body 5) Explain the various 4) Describe the courts 1.5 Explain the various personnel 1.3 Identify the jurisdictions personnel and their and their positions existence of 5) Explain the positions in the hierarchy in the Tribunals and various hiercurchy of of courts arbitration personnel 1.6 Explain the organisation courts. (body, group or and their

of the legal profession in

6) Explain the

panel)

positions

	Nigeria	organisation of the Legal profession in Nigeria.		1.4 Explain the jurisdictions of various courts, tribunal and arbitration body 1.5 Explain the various personnel and their positions in the hierarchy of courts 1.6 Explain the organisation of the legal profession in Nigeria	in the hiercurchy of courts.  6) Explain the organisation of the Legal profession in Nigeria.	
3-4 5.	Rudiments of Constitutional Law  2.1 Explain Constitutional law concepts, citizenship, Domicile Supremacy of the Constitution and the rude of law.  2.2 Explain the various organs of the state  2.3 Explain the meaning of separation of powers  2.4 State which powers are Executive Legislative, and Judicial	1) State the constitutional law concepts, citizenship, domicile, supremacy of the constitution and the note of law.  2) Explain the various organs of the State.  3) State the meaning of separation	Document of decided cases.	Rudiments of Constitutional Law 2.1 Explain Constitutional law concepts, citizenship, Domicile Supremacy of the Constitution and the rude of law. 2.2 Explain the various organs of the state	1) State the constitutional law concepts, citizenship, domicile, supremacy of the constitution and the note of law. 2) Explain the Various organs of the State. 3) State the meaning	Document of decided cases.

2.5 Explain the various	of powers.		2.3 Explain the	of separation	
positions and functions of	4) State which		meaning of	of powers.	
holders of these powers in	powers are		separation of	4) State which	
2.4	Executive,		powers	powers are	
2.6 Explain the possible abuse	Legislative and		2.4 State which	Executive,	
of powers conferred on	Judiciary.		powers are	Legislative and	
Executive Legislature, and	5) Explain the	Decided cases	Executive	Judiciary.	
the Judiciary	various positions	cited	Legislative, and	5) Explain the	Decided
2.7 Explain the possible	and functions of		Judicial	Various	cases cited
remedies of such abuses	holders of		2.5 Explain the	positions	
2.8 Explain the nature of	these power in		various	and functions	
fundamental human rights	2.4.		positions and	of holders of	
and the rules of natural	6) Explain the		functions of	these power in	
justice.	concept of abuse		holders of these	2.4.	
2.9 Explain how the breaches	of powers by		powers in 2.4	6) Explain the	
in 2.8 are redressed	executive,		2.6 Explain the	concept of	
	Legislature and		possible abuse	abuse of powers	
	the Judiciary.		of powers	by executive,	
	7) State the possible		conferred on	Legislature and	
	remedies of		Executive	the Judiciary.	
	abuses of power		Legislature, and	7) State the	
	8) Explain the nature		the Judiciary	possible	
	of fundamental		2.7 Explain the	remedies of	
	rights and the		possible	abuses of power	
	rules.		remedies of	8) Explain the	
			such abuses	nature	
			2.8 Explain the	of fundamental	
			nature of	rights and the	
			fundamental	rules.	
			human rights		
			and the rules of		

				natural justice. 2.9 Explain how the		
				breaches in 2.8		
				are redressed		
Genera	l Objectives: 3.0 Know the nature	e and sources of Law				
6.	3.1 Explain the nature of	1) Explain the nature	Textbooks on	3.1 Explain the nature	1) Explain the	Textbooks
	Nigeria Law	of Nigerian Law.	Nigerian	of Nigeria Law	nature of	on Nigerian
	3.2 Explain the sources of	2) Describe the	Laws.	3.2 Explain the	Nigerian	Laws.
	Nigerian Law i.e. received	legislation and		sources of	Law.	
	English Law (common	customary law.		Nigerian Law i.e.	2) Describe the	
	law and equity, statutes of	3) Distinguish		received English	legislation	
	general application and	between		Law (common	and	
	judicial precedent) Local	criminal and		law and equity,	customary	
	legislation and customary	civil law.		statutes of general	law.	
	law.			application and	3) Distinguish	
	3.3 Distinguish the distinction			judicial	between	
	between criminal and civil			precedent)Local	criminal and	
	law and state the			legislation and	civil law.	
	importance of such			customary law.		
	distinction.			3.3 Distinguish the		
				distinction		
				between criminal		
				and civil law and		
				state the		
				importance of		
				such distinction.		

Genera	General Objectives: 4.0: Know the law of persons and the law of Association							
7-8.	4.1 Recognise the distinction	1) Show the	Textbooks	4.1 Recognise the	1) Show the	Textbooks		
	between natural persons	distinction between		distinction	Distinction			
	and artificial persons.	natural and		between natural	between			
	4.2 Explain the legal	artificial persons.		persons and	natural and			
	personality of unborn	2) Explain the legal		artificial persons.	artificial			
	persons dead persons,	personality of		4.2 Explain the legal	persons.			
	infants and married	inborn persons,		personality of	2) Explain the			
	women.	dead persons,		unborn persons	legal			
	4.3 Recognise the law of	infants and		dead persons,	personality			
	domicile of infants and	married women.		infants and	of inborn			
	married women	3) Explain the law of		married women.	persons,			
	4.4 Explain the capacity of an	domicile of		4.3 Recognise the law	dead			
	insane person, infants, and	infants and married		of domicile of	persons,			
	married women, to enter	women.		infants and	infants and			
	into legal relations.	4). Explain the		married women	married			
	4.5 Distinguish between a	capacity of an		4.4 Explain the	women.			
	corporation and a	insane person,		capacity of an	3) Explain the			
	corporation aggregate.	infants and		insane person,	law of			
	4.6 Identify unincorporated	married women.		infants, and	domicile of			
	associations Partnership,	5). Distinguish		married women, to	infants and			
	Trade Unions and Local	between		enter into legal	married			
	Customary family group.	incorporated and		relations.	women.			
	4.7 Explain the capacity of	unincorporated		4.5 Distinguish	4). Explain the			
	corporation to enter into	associations.		between a	capacity of			
	legal relationship.	Trade Unions		corporation and a	an insane			
		and Local		corporation	person,			
		Customary		aggregate.	infants and			
		Family Group.		4.6 Identify	married			
				unincorporated	women.			

			associations Partnership, Trade Unions and Local Customary family group. 4.7 Explain the capacity of corporation to enter into legal relationship.	5). Distinguish between incorporated and unincorporated associations. Trade Unions and Local	
			retationship.	Customary Family	
				Group.	
	Know the Law of Administration of E	Estates and Trus	ts	1	
9. 5.1 Distinguish be estates (will) estate (withous uccessions. 5.2 Explain the grobate and le Administration. 5.3 Explain the Nortrusts, kinds a creation. 5.4 Explain the ribeneficiaries 5.5 Explain the distinguish be estates (will) (without will)	and in of Administration of Estate Trusts.  rant of etters of on of Estates. fature of and their ghts of uties of trusts  etween and in estate	Textbooks	<ul> <li>5.1 Distinguish between estates (will) and in estate (without will) successions.</li> <li>5.2 Explain the grant of probate and letters of Administration of Estates.</li> <li>5.3 Explain the Nature of trusts, kinds and their creation.</li> <li>5.4 Explain the rights of beneficiaries</li> <li>5.5 Explain the duties of trusts</li> </ul>	1) Explain the law of Administration of Estate Trusts.	Textbooks

	<ul> <li>5.7 Explain the grant of probate and letters of Administration of Estates.</li> <li>5.8 Explain the Nature of trusts, kinds and their creation.</li> <li>5.9 Explain the rights of beneficiaries</li> <li>5.10Explain the duties of trusts</li> </ul>			Law of Property 5.6 Distinguish between estates (will) and in estate (without will) successions. 5.7 Explain the grant of probate and letters of Administration of Estates. 5.8 Explain the Nature of trusts, kinds and their creation. 5.9 Explain the rights of beneficiaries 5.10 Explain the duties of trusts		
	Objectives: 6.0: Understand the		T		T =	T
10	<ul> <li>6.1 Explain the nature of property</li> <li>6.2 Explain the law of ownership and possession</li> <li>6.3 Distinguish between real and personal property</li> <li>6.4 Distinguish between mortgage, pledge lien etc</li> <li>6.5 Identify legal and equitable interests</li> </ul>	<ol> <li>Explain the nature of property.</li> <li>State the law of ownership and possession.</li> <li>Show the distinction between real and personal property.</li> </ol>	Textbooks	<ul> <li>6.1 Explain the nature of property</li> <li>6.2 Explain the law of ownership and possession</li> <li>6.3 Distinguish between real and personal property</li> <li>6.4 Distinguish between mortgage, pledge</li> </ul>	<ol> <li>Explain the nature of property.</li> <li>State the law of ownership and possession.</li> <li>Show the distinction between real and personal</li> </ol>	Textbooks

		<ul><li>4) Distinguish between mortgage and pledge lien.</li><li>5) State the legal and equitable interest.</li></ul>		lien etc 6.5 Identify legal and equitable interests	property. 4) Distinguish Between mortgage and pledge lien. 5) State the legal and equitable interest.	
11-12	<ul> <li>7.1 Explain what is contract</li> <li>7.2 Explain the nature and forms of contracts</li> <li>7.3 Explain the essentials of a valid contract</li> <li>74. Explain terms of contract, conditions, warranties, and exclusion clauses</li> <li>7.5 Explain the vitiating elements in contracts</li> <li>7.6 Explain discharge, frustration and breach of contracts</li> <li>7.7 Explain the remedies for breach of contracts</li> </ul>	1) Define what is a contract. 2) Explain the nature and forms of contracts. 3) Explain the general rudiments of the law of contracts.	Textbooks and Lecture Materials	7.1 Explain what is contract 7.2 Explain the nature and forms of contracts 73 Explain the essentials of a valid contract 74. Explain terms of contract, conditions, warranties, and exclusion clauses 7.5 Explain the vitiating elements in contracts 7.6 Explain	<ol> <li>Define what is a contract.</li> <li>Explain the nature and forms of contracts.</li> <li>Explain the general rudiments of the law of contracts.</li> </ol>	Textbooks and Lecture Materials
				discharge, frustration and breach of contracts		

						ļ
				7.7 Explain the remedies for breach of		
Conorol	Objectives: 8.0 Understand the 1	Law of Tort		contracts		
13-15	8.1 Explain the nature of torts	1) Explain the	Lecture	8.1 Explain the nature	1) Explain the	Lecture
13-13	and the basis for liability	nature of torts and	Materials	of torts and the	nature of torts	Materials
	in torts	the basic for	Materials	basis for liability	and the basic	Materials
	8.2 Explain the general	liability in torts.		in torts	for liability in	
	defenses to liability in	2) State the general		8.2 Explain the	torts.	
	torts	defenses to		general defenses	2) State the	
	8.3 Explain vicarious liability	liability in torts.		to liability in torts	general	
	master and servants	3) Explain forts		8.3 Explain vicarious	defenses to	
	master and servants	arising from		liability master	liability in	
	8.4 Identify specific torts	business		and servants	torts.	
	Occupier's liability,	competition –		8.4 Identify specific	3) Explain forts	
	Trespass, Negligence,	Malicious		torts Occupier's	arising from	
	Negligence, Nuisance,	falsehood, passing		liability, Trespass,	business	
	defamation and Conversion	off and		Negligence,	competition –	
	8.5 Explain torts arising from	interference with		Negligence,	Malicious	
	business competition –	an existing		Nuisance,	falsehood,	
	malicious falsehood,	contract.		defamation and	passing off	
	passing off and	4) Identify specific		Conversion	and	
	interference with an	torts with result to		8.5 Explain torts	interference	
	existing contract	occupiers liability,		arising from	with an	
	Caisting Contract	trespass,		business	existing	
		negligence,		competition –	contract.	
		nuisance,		malicious	4) Identify	
		defamation and		falsehood, passing	specific torts	
		conversion.		off and	with result to	
		Conversion.		on and	With result to	

		interference with	occupiers	
		an existing	liability,	
		contract	Trespass,	
			negligence,	
			nuisance,	
			defamation and	
			conversion.	

**COURSE TITLE:**GENERAL SHIP KNOWLEDGE

CODE: SHM 113

**CREDIT UNITS: 3** 

**DURATION:** ONE SEMESTER

GOAL: This course is intended to enable the student acquire basic knowledge of ships and

shipboard operations.

# **GENERAL OBJECTIVES:**

- 1.0 Know the names of principal parts of a ship
- 2.0 Know merchant ship types and terminologies
- 3.0 Know the different types of cargoes commonly carried on merchant ships
- 4.0 Know the various types of shipboard cargo handling gears
- 5.0 Understand shipboard organization
- 6.0 Know the procedures for stowage, caring and discharge of various cargoes.
- 7.0 Know simple loading calculations using TPC, FWA and DWA
- 8.0 Understand load lines and load line zones

COURSE: General Ship Knowledge COURSE CODE: SHM 113 CONTACT HOURS: 3 Hours

GOAL: This course is intended to enable the student acquire basic knowledge of ships and shipboard operations.

COURSE SPECIFICATION: Theoretical Contents:

Practical Contents:

General Objectives: 1.0 Know the names of principal parts of a ship

Week	Specific learning objective	<b>Teacher Activities</b>	Learning Resource	Specific Learning Objective	Teacher Activities	Learning Resource
1	<ul> <li>1.1 Define: Aft, After Peak, Anchor, Bow, Bulkheads, Bulwark, Bridge, Cofferdam Deck, Deeptank, Double, Bottom, Bilge, Derrick.</li> <li>1.2 Define: Forehead, forecastle, for Peak, Hatch, Hull, Load lines, Plimsoll maek, mast, propeller, Rudder, shell/fin stabilizers, Superstructure.</li> <li>1.3 Draw a ship and identity parts in (1.1) and (1.2) above.</li> </ul>	<ol> <li>Organise visit to a ship.</li> <li>Identify various parts of an actual ship or model.</li> </ol>	Over Head Projector (OHP), Ship Model	1.1 Define: Aft, After Peak, Anchor, Bow, Bulkheads, Bulwark, Bridge, Cofferdam Deck, Deep-tank, Double, Bottom, Bilge, Derrick.  1.2 Define: Forehead, forecastle, for Peak, Hatch, Hull, Load lines, Plimsoll maek, mast, propeller, Rudder, shell/fin stabilizers, Superstructure.  1.3 Draw a ship and identity parts in (1.1) and (1.2) above.	1) Organise visit to a ship 2) Identify various parts of an actual ship or model.	Over Head Projector (OHP), Ship Model

Genera	l Objectives: 2.0 Know mercha	ant ship types and te	erminologies			
2-5	2.1 Define: Length overall,	1) Use a sketch to		2.1 Define: Length	Use a sketch to	
	Length between	show the		overall, Length	show the	
	perpendicular, Breadth	principal	Ship – Model,	between	principal	Ship – Model,
	extreme, Breadth	dimensions of a	Over Head	perpendicular,	dimensions	Over Head
	moulded, Depth extreme,	ship.	Projector	Breadth	of a ship.	Projector (OHP)
	Depth moulded,	2) Describe the	(OHP)	extreme, Breadth	Describe the	
	Draft extreme, Draft	general		moulded, Depth	general	
	moulded, Length on	arrangements of		extreme,	arrangements	
	Waterline, flare and	ships		Depth moulded,	of ships	
	Camber sheer.	3) Illustrate ship		Draft extreme, Draft	3) Illustrate ship	
	2.2 Describe:	types with		moulded, Length on	types with	
	a) General cargo ship	Sketches		Waterline, flare and	Sketches	
	Bulk carrier			Camber sheer.		
	Container vessel			2.2 Describe:		
	Ro-Ro ship			a) General cargo		
	Tanker.			ship		
	Passenger ships			Bulk carrier		
	Combination carriers			Container vessel		
	2.3 Draw ships in (a) $-$ (g) in			Ro-Ro ship		
	profile			Tanker.		
				Passenger ships		
				Combination carriers		
				2.3 Draw ships in (a) –		
				(g) in profile		

3.1 Define: mate's receipt, Boat note, Bill of Lading, Waybill, cargo manifest.   3.2 Describe a cargo plan   3.3 Sketch a cargo plan   3.4 Interpret a cargo plan   3.5 Explain what constitutes:	General Objectives: 3.0 Know the different types of cargoes commonly carried on merchant ships							
3.10Explain what constitutes dangerous cargoes  3.8 Describe a freight container 3.9 Describe the most common types of	3.2 3.3 3.4 3.5 3.6 3.7 3.8 3.9	Boat note, Bill of Lading, Waybill, cargo manifest. Describe a cargo plan Sketch a cargo plan Interpret a cargo plan. Explain what constitutes: General cargoes; - Bulk cargoes; Liquid cargoes Deck cargoes Define containerization. Explain the need for containerization Describe a freight container Describe the most common types of containers in use	<ol> <li>Show samples of each document</li> <li>Illustrate cargo plan and interpret information with students</li> <li>Show sketches of different</li> </ol>	Over Head Projector	<ul> <li>3.1 Define: mate's receipt, Boat note, Bill of Lading, Waybill, cargo manifest.</li> <li>3.2 Describe a cargo plan</li> <li>3.3 Sketch a cargo plan</li> <li>3.4 Interpret a cargo plan.</li> <li>3.5 Explain what constitutes: <ul> <li>General cargoes;</li> <li>Liquid cargoes</li> <li>Deck cargoes</li> </ul> </li> <li>3.6 Define containerization.</li> <li>3.7 Explain the need for containerization</li> <li>3.8 Describe a freight container</li> <li>3.9 Describe the most</li> </ul>	1) Show samples of each document 2) Illustrate cargo plan and interpret information with students 3) Show sketches of different container	Projector	

Genera	l Objectives: 4.0 Know the var	ious types of shipbo	oard cargo han	dling gears.		
10	<ul> <li>4.1 Describe the union purchase derrick</li> <li>4.2 Describe the swinging derrick</li> <li>4.3 Describe a gantry crane</li> <li>4.4 Describe a jib crane</li> <li>4.5 Compare the derrick with the crane</li> <li>4.6 Describe most common portable gears used on board</li> </ul>	Use sketches to demonstrate operation of derricks and cranes	Seamanship Vol.I & II	<ul> <li>4.1 Describe the union purchase derrick</li> <li>4.2 Describe the swinging derrick</li> <li>4.3 Describe a gantry crane</li> <li>4.4 Describe a jib crane</li> <li>4.5 Compare the derrick with the crane</li> <li>4.6 Describe most common portable gears used on board</li> </ul>	1) Use sketches to demonstrate operation of derricks and cranes	Seamanship Vol.I & II
Genera	l Objectives: 5.0 Understand s	hipboard organizati	ion			
11	<ul> <li>5.1 State the departments of a merchant ship</li> <li>5.2 Sketch a ship Organograme</li> <li>5.3 Describe the duties and responsibilities of a ship master</li> <li>5.4 State the duties of the officers and crew</li> <li>5.5 Describe the processes involved in engagement and discharge of crews.</li> </ul>	1) Draw a ship Organograme and show lines of responsibility on board	Seamanship Textbooks	<ul> <li>5.1 State the departments of a merchant ship</li> <li>5.2 Sketch a ship Organograme</li> <li>5.3 Describe the duties and responsibilities of a ship master</li> <li>5.4 State the duties of the officers and crew</li> <li>5.5 Describe the processes involved in engagement and discharge of crews.</li> </ul>	1) Draw a ship Organograme and show lines of responsibility on board	Seamanship Textbooks

Genera	l Objectives: 6.0 Know the pro	cedures for stowage	e, caring and d	ischarge of various carge	oes.	
12	<ul> <li>6.1 Explain what is involved in the preparation of cargo holds for dry cargoes</li> <li>6.2 Describe the duties of the cargo officer</li> <li>6.3 Describe the stowage requirements for bagged cargoes, bales, crates, cases, cartons, drums, barrels and containers</li> </ul>	Explain what is involved in hold cleaning     Use one or two types of cargo to describe stowage requirements for categories of Cargoes.	Seamanship Textbooks	6.1 Explain what is involved in the preparation of cargo holds for dry cargoes 6.2 Describe the duties of the cargo officer 6.3 Describe the stowage requirements for bagged cargoes, bales, crates, cases, cartons, drums, barrels and containers	1) Explain what is involved in hold cleaning 2) Use one or two types of cargo to describe stowage requirements for categories of Cargoes.	Seamanship Textbooks
13-14	7.1 Define: TPC; FWA and DWA 7.2 Calculate change of mean draft after loading/discharging using TPC 7.3 Calculate cargo to load on board given TPC and FWA 7.4 Calculate cargo to load given TPC and DWA 7.5 Calculate ships new drafts after loading/discharging.	1) Define TPC, FWA, DWA 2) Calculate cargo to load on board and mean draft	Lecture Materials	7.1 Define: TPC; FWA and DWA 7.2 Calculate change of mean draft after loading/discharging using TPC 7.3 Calculate cargo to load on board given TPC and FWA 7.4 Calculate cargo to load given TPC and DWA	1) Define TPC, FWA, DWA 2) Calculate cargo to load on board and mean draft	Lecture Materials

				7.5 Calculate ships new drafts after loading/discharging.		
Gener	al Objectives: 8.0 Understand le	oad lines and load	line zones			
15	8.1 Define: Freeboard,	1) Sketch a load		8.1 Define: Freeboard,	1) Sketch a load	
	Assigned freeboard, Deck	line mark	Lecture	Assigned freeboard,	line mark	Lecture
	line	2) Interpret	Materials	Deck line	2) Interpret	Materials
	8.2 Interpret information on a	information		8.2 Interpret information	information	
	load line mark	thereon		on a load line mark	thereon	
	8.3 Draw a load line mark to			8.3 Draw a load line		
	scale			mark to scale		
	8.4 Read a ship's draft			8.4 Read a ship's draft		
	8.5 Identify the seasonal zones			8.5 Identify the seasonal		
	on a map			zones on a map		
	8.6 State the use of a seasonal			8.6 State the use of a		
	zones map to the cargo			seasonal zones map		
	officer.			to the cargo officer.		

**COURSE TITLE:**MARITIME GEOGRAPHY I

CODE: SHM 112

**CREDIT UNITS: 2** 

**DURATION:** ONE SEMESTER

**GOAL:** This course is intended to enable the student acquire basic knowledge of shipping trade

areas of the world and meteorological phenomena likely to affect shipping.

## **GENERAL OBJECTIVES:**

- 1.0 Know continents of the world, maritime nations and their coastlines
- 2.0 Know major parts of the world, navigable rivers and other waterways and draft restrictions.
- 3.0 Understand winds
- 4.0 Understand tides and ocean currents
- 5.0 Understand seasonal meteorological hazards such as hurricanes and ice
- 6.0 Know the principal trades of major ports of the world
- 7.0 Know the distances between major ports of the world

COURSE: MARITIME GEOGRAPHY I COURSE CODE: SHM 112 CONTACT HOURS: 2

GOAL: This course is intended to enable the student acquire basic knowledge of shipping trade areas of the world

and meteorological phenomena likely to affect shipping.

**COURSE SPECIFICATION: Theoretical Contents:** 

**Practical Contents:** 

General Objectives: 1.0 Know continents of the world, maritime nations and their coastlines

Week	Specific learning objective	Teacher Activities	Learning	Specific Learning	<b>Teacher Activities</b>	Learning
			Resource	Objective		Resource
1-2	1.1 Sketch a map of Africa	Sketch the map of	Wall Maps.	Sketch a map of Africa	Sketch the map of	Wall Maps.
	showing such prominent	Africa and locate the	Charts.	showing such	Africa and locate	Charts.
	features as:	features in 1.2.		prominent features as:	the features in 1.2.	
	Nigerian Sea Ports, airports	Identify the islands		Nigerian Sea Ports,	Identify the islands	
	and Inland contarer	off the coast of		airports and Inland	off the coast of	
	Deports (ICDs)	Africa, on a sketched		contarer Deports	Africa, on a	
	Cape Verde	map.		(ICDs)	sketched map.	
	Cape Palmas	Sketch a map of		Cape Verde	Sketch a map of	
	Gulp of Guinea	Middle East and		Cape Palmas	Middle East and	
	Cape of Good Hope	Persian Gulp and		Gulp of Guinea	Persian Gulp and	
	Mozambique Channel	show coastlines.		Cape of Good Hope	show coastlines.	
	Horn of Africa	Sketch the map of the		Mozambique Channel	Sketch the map of	
	Suez Canal	world, showing		Horn of Africa	the world, showing	
	Gulf of Sirts	features.		Suez Canal	features.	
	Strait of Gibraltar			Gulf of Sirts	Identify the	
	1.2 Identify on a map, major	Identify the maritime		Strait of Gibraltar	maritime nations in	
	island off the coast of	nations in the Far			the Far East on the	
	Africa such as:	East on the world		Identify on a map,	world map.	

Canary Islands	map.	major island off the	Sketch the map of
Cape Verde Island	Sketch the map of the	coast of Africa such as:	the pacific
Madagascar	pacific coastlines of	Canary Islands	coastlines of North
Mauritius.	North America	Cape Verde Island	America identifying
1.3 Sketch a map of the	identifying prominent	Madagascar	prominent features.
Middle East and Ferelan	features.	Mauritius.	Sketch the map of
Gulf showing coastlines of	Sketch the map of	1.1 Sketch a map of the	Central America
countries in the region.	Central America	Middle East and	identifying the
1.4 Sketch a map of South	identifying the	Ferelan Gulf showing	features
Asia identifying such	features	coastlines of countries	Sketch the map of
important seaways as:	Sketch the map of	in the region.	Western Europe
Strait of Malacca	Western Europe	1.2 Sketch a map of South	identifying the
Sundial Strait	identifying the	Asia identifying such	coastal countries
Singapore Strait	coastal countries and	important seaways as:	and major
1.5 Identify on a map of the	major landmarks.	Strait of Malacca	landmarks.
Far East:	Identify the countries	Sundial Strait	Identify the
South China Sea	on the world map.	Singapore Strait	countries on the
Luzon Strait		1.3 Identify on a map of	world map.
East China Sea		the Far East:	
Yellow Sea		South China Sea	
Sea of Japan.		Luzon Strait	
1.6 List the major maritime		East China Sea	
nations of the Far East.		Yellow Sea	
1.7 Sketch the pacific		Sea of Japan.	
coastline of North America		1.4 List the major	
showing prominent		maritime nations of the	
features.		Far East.	
1.8 Sketch the Atlantic		1.5 Sketch the pacific	
coastline of North America		coastline of North	
showing major outlying		America showing	
islands, gulfs and other		prominent features.	

prominent features.	1.6 Sketch the Atlantic
1.9 Sketch the map of Central	coastline of North
America and identifying	America showing major
the Caribbean Sea, major	outlying islands, gulfs
islands, the Gulf of Mexico	and other prominent
and Panama.	features.
1.10 Sketch the map of	1.7 Sketch the map of
south America showing	Central America and
major land marks and	identifying the
coastal countries in the	Caribbean Sea, major
region.	islands, the Gulf of
1.11 Sketch a map of	Mexico and Panama.
Western Europe showing	1.8 Sketch the map of south
coastal countries and:	America showing major
The North Sea Irish Sea	land marks and coastal
Dover Strait Bay of Biscay	countries in the region.
Skagerrah.	1.9 Sketch a map of
1.12 List the countries	Western Europe
bordering the Baltic Sea.	showing coastal
1.13 Sketch a map of the	countries and:
Mediterranean Sea	The North Sea Irish
showing:	Sea
Major Island	Dover Strait Bay of
Strait of Messina	Biscay
Adriatic Sea	Skagerrah.
Aegean Sea	1.10 List the countries
Bosporus and Dardanelle.	bordering the Baltic
Sea of Marmora and	Sea.
Black S.	1.11 Sketch a map of the
	Mediterranean Sea
	showing:

General	Objectives: 2.0 Know major p	parts of the world, na	vigable river	Major Island Strait of Messina Adriatic Sea Aegean Sea Bosporus and Dardanelle. Sea of Marmora And Black S. s and other waterways and	draft restrictions.	
4-6	2.1 List the major ports of the following regions:  i. Western Europe ii. Mediterranean iii. Baltic Sea iv. Black Sea v. Red Sea vi. North and South America vii. South Asia and Far East viii. Africa ix. Australia and New Zealand x. Red Sea and Persian Gulf 2.2 State ship size restrictions in terms of draft, beam and speed in the following canals: a. Panama	Explain factors such as land site, water site, land situation, water situation etc Identify the ports showing their positions on the world map. Enumerate the restriction of some sample ports in 2.2 e.g. draft, approaches, length, navigation seasons, depth etc Enumerate the restriction of the navigable rivers. Explain the importance of canals in 2.5 to shipping business.	Posters of ports. Maps and Charts.	2.6 List the major ports of the following regions: xi. Western Europe xii. Mediterranean xiii. Baltic Sea xiv. Black Sea xv. Red Sea xvi. North and South America xvii. South Asia and Far East xviii. Africa xix. Australia and New Zealand xx. Red Sea and Persian Gulf 2.7 State ship size restrictions in terms of draft, beam and speed in the following	Explain factors such as land site, water site, land situation, water situation etc Identify the ports showing their positions on the world map. Enumerate the restriction of some sample ports in 2.2 e.g. draft, approaches, length, navigation seasons, depth etc Enumerate the restriction of the navigable rivers. Explain the importance of	Posters of ports. Maps and Charts.

	b. Kiel	Identify the reasons		canals:	canals in 2.5 to
	c. Suez	why canals are		a. Panama	shipping business.
	d. Rhine Maine Dan use	constructed.		b. Kiel	Identify the reasons
	Canal	constructed.		a	why canals are
				c. Suez d. Rhine Maine Dan	constructed.
					constructed.
	canal			use Canal	
	2.3 Explain the need for			e. Suez main-dam be	
	canals in certain areas of			canal	
	the world.			2.8 Explain the need for	
	2.4 Explain the influence of			canals in certain areas	
	canals in certain areas of			of the world.	
	the world.			2.9 Explain the influence	
	2.5 Use a "Port Entry			of canals in certain	
	Guide".			areas of the world.	
				2.10 Use a "Port Entry	
				Guide".	
General	al Objectives: 3.0 Understand	winds			
7-9	3.1 Define wind.	Describe wind with	Diagrams.		
	3.2 State the factors upon	examples.	Projectors.		
	which the strength of	Explain the factors	Maps.		
	wind depends.	that affect the	1		
	3.3 Describe trade winds and	strength of wind.			
	seasonal winds.	Draw diagram of			
	3.4 Define monsoon.	general atmospheric			
	3.5 List the well known	circulation to			
	monsoons of the world's	illustrate trade winds			
	major oceans.	on the tropics.			
	3.6 Describe the effect of the	_			
	earth's rotation on the	monsoon winds are			
	movement of air on the	formed.			
	movement of an off the	Torrica.			

	earth's surface.	State the peculiarities				
	3.7 State the effect of wind	of monsoon winds.				
	on a ship's motion in a	List the climatic types				
	seaway.	of monsoon in Asia				
		and how they affect				
		shipping.				
		Describe land and sea				
		breezes and their				
		peculiarities.				
		Explain how earth's				
		rotation affects				
		movement of air on				
		the earth's surface.				
		Identify the effects of				
		wind on ship motion.				
General	Objectives: 4.0 Understand	tides and ocean curre	ents			
10-11	4.1 Explain the causes of the	Explain how tides are	Diagrams.	Explain the causes of	Explain how tides are	Diagrams.
	rise and fall of tides.	formed.	Maps and	the rise and fall of	formed.	Maps and charts.
	4.2 Define spring tide, neap	Explain both the	charts.	tides.	Explain both the lunar	
	tide, high water and low	lunar solar causes of		Define spring tide,	solar causes of tides.	
	water.	tides.		neap tide, high water	Illustrate tides with	
	4.3 State the effects of tides on	Illustrate tides with		and low water.	diagrams.	
	safety paths and fairways.	diagrams.		State the effects of	Enumerate the effect	
	4.4 Define current.	Enumerate the effect		tides on safety paths	of low tide on ship	
	4.5 Distinguish between ocean	of low tide on ship		and fairways.	when along sides and	
	currents and tidal streams.	when along sides and		Define current.	fairways.	
	4.6 Explain the cause of wind-	fairways.		Distinguish	Explain the circulation	
	draught currents and	Explain the		between ocean	of ocean water, listing	
	gradient currents.	circulation of ocean		currents and tidal	types of currents and	
	4.7 Sketch maps of the major	water, listing types of		streams.	the well known	

	oceans of the world	currents and the well		Explain the cause of	currents in the world.	
	showing the direction of	known currents in the		wind-draught currents	Differentiate between	
	current for January and	world.		and gradient currents.	ocean currents and	
	July.	Differentiate between		Sketch maps of the	tidal streams.	
	4.8 State the effect of ocean	ocean currents and		major oceans of the	Illustrate with	
	currents on ship routine.	tidal streams.		world showing the	diagrams, the wind	
	ourions on simp rounner	Illustrate with		direction of current for	draft current and	
		diagrams, the wind		January and July.	gradient current.	
		draft current and		State the effect of	Show on the map of	
		gradient current.		ocean currents on ship	the world direction of	
		Show on the map of		routine.	some well known	
		the world direction of			currents especially	
		some well known			between January and	
		currents especially			July.	
		between January and			Identify the effect of	
		July.			ocean current on ship	
		Identify the effect of			route at sea.	
		ocean current on ship				
		route at sea.				
General	Objectives: 5.0 Understand se	easonal meteorologic	al hazards su	ch as hurricanes and ic	e.	
12-13	5.1 Describe the formation of	Draw annotated	Diagrams.	5.1 Describe the	Draw annotated	Diagrams.
	hurricanes.	diagram to illustrate	Maps and	formation of	diagram to illustrate	Maps and charts.
	5.2 State other names by	how hurricane	charts.	hurricanes.	how hurricane	Posters.
	which hurricanes are	develops.	Posters.	5.2 State other names	develops.	
	known in different parts	Outline the different		by which	Outline the different	
	of the world.	names of hurricane		hurricanes are	names of hurricane i.e.	
	5.3 Illustrate the probable	i.e. Typhoon,		known in different	Typhoon, Cyclone etc.	
	path of a hurricane after	Cyclone etc.		parts of the world.	State the conditions	
	its formation.	State the conditions		5.3 Illustrate the	that encourage	
	5.4 Explain the possible	that encourage		probable path of a	formation of	

1	formation of	hurricane after its hurricane.
danger to ships with the		
passage of hurricanes.	hurricane.	formation. State the process of
5.5 Distinguish between	State the process of	5.4 Explain the growth to maturity.
middle latitude,	growth to maturity.	possible danger to Explain the path which
depressions and	Explain the path	ships with the hurricanes follow s
hurricanes.	which hurricanes	passage of after formation.
5.6 State the several forms of	follow s after	hurricanes. Explain the
ice which may be	formation.	5.5 Distinguish devastation, which
encountered by ships at	Explain the	between middle hurricane causes to
sea.	devastation, which	latitude, ships on sea.
5.7 Describe the movements	hurricane causes to	depressions and State the seasons when
of ice at sea.	ships on sea.	hurricanes. hurricanes are
5.8 State the months in which	State the seasons	5.6 State the several common.
ice may be encountered	when hurricanes are	forms of ice which   State differences
on major sea lanes.	common.	may be between middle
5.9 State the mean limits of	State differences	encountered by latitude depressions
pack ice and icebergs.	between middle	ships at sea. and hurricanes.
5.10 Describe the dangers	latitude depressions	5.7 Describe the List the forms of ice
posed by the	and hurricanes.	movements of ice such as pancake, strip,
accumulation of ice on	List the forms of ice	at sea. rotten etc
the hulls and super	such as pancake,	5.8 State the months in List the sizes of ice
structures of ships.	strip, rotten etc	which ice may be such as barge-bit etc.
1	List the sizes of ice	encountered on Describe how ice
	such as barge-bit etc.	major sea lanes. moves on the sea.
	Describe how ice	5.9 State the mean State the months of
	moves on the sea.	limits of pack ice occurrence of ice in
	State the months of	and icebergs. Scandinavian and
	occurrence of ice in	5.10 Describe the Eurasian countries.
	Scandinavian and	dangers posed by Explain how ice can
	Eurasian countries.	the accumulation destroy the hulls and
	Explain how ice can	of ice on the hulls super structures of

			destroy the hulls and super structures of ships.		and super structures of ships.	ships.		
Genera	General Objectives: 6.0 Know the principal trades of major ports of the world							
14	6.1	Describe the principal trades of ports listed in 2.1 above. Describe the auxiliary services provided to ships by the ports listed in 2.1.	Identify principal trade specialization of different ports listed in 2.1. Identify the auxiliary services i.e. repairs, dry docking, pilotage etc	Maps and charts.	<ul><li>6.1 Describe the principal trades of ports listed in 2.1 above.</li><li>6.2 Describe the auxiliary services provided to ships by the ports listed in 2.1.</li></ul>	Identify principal trade specialization of different ports listed in 2.1. Identify the auxiliary services i.e. repairs, dry docking, pilotage etc	Maps and charts.	

7.1	State the distance	Use the world	Maps.	7.4	State the distance	Use the world distance	Maps.
	between Lagos and major	distance table to	Posters.		between Lagos	table to identify	Posters.
	water points in the	identify distances	Distance		and major water	distances between	Distance
	Atlantic and pacific	between Lagos and	Tables.		points in the	Lagos and different	Tables.
	oceans such as:	different places.			Atlantic and	places.	
	i) Lands End (English	Show how to			pacific oceans	Show how to calculate	
	Channel)	calculate voyage time			such as:	voyage time ETA, lay	
	ii) Gibraltar	ETA, lay time, etc			v) Lands End	time, etc	
	iii) Malacca				(English		
	iv) New York.				Channel)		
7.2	Use a world distance table to				vi) Gibraltar		
	calculate 7.1.				vii) Malacca		
7.3	Calculate voyage time,				viii) New		
	when given the speed of				York.		

a ship and a distance	7.5 Use a world distance
table between two ports.	table to calculate 7.1.
	7.6 Calculate voyage
	time, when given
	the speed of a
	ship and a
	distance table
	between two
	ports.

PROGRAMME: NATIONAL INNOVATION DIPLOMA IN SHIPPING MANAGEMENT

**COURSE TITLE:**MARITIME GEOGRAPHY I I

CODE: SHM 126

**CREDIT UNITS: 2** 

**DURATION:** ONE SEMESTER

**GOAL:** This course is intended to enable the student acquire basic knowledge of areas of trade for

ships and the geographical factors likely to affect shipping.

## **GENERAL OBJECTIVES:**

On completion of the course, the student should be able to:

- 1.0 Know load line zones
- 2.0 Know the sources and destinations of main raw materials
- 3.0 Know the factors responsible for the location of industries
- 4.0 Understand the choice of transport modes
- 5.0 Understand the occurrence and effect of natural phenomena-normal and abnormal, upon trade and shipping
- 6.0 Know the major shipping lanes of the world

PROGRAMME: NATIONAL INNOVATION DIPLOMA IN SHIPPING MANAGEMENT					
COURSE: MARITIME GEOGRAPHY I I			SE CODE: SHM	126 CONTACT HOU	JRS: 2
GOAL: This course is in	ntended to enable tl	he student acquir	re basic knowled	dge of areas of trade	for ships and the
	ctors likely to affect				
COURSE SPECIFICATION		ts:	<b>Practical Content</b>	s:	
General Objectives: 1.0 Kr					
Week Specific learning of	bjective Teacher A	ctivities Learnin Resource	_	ing Teacher Activit	ies Learning Resource
1-2  1.1 Explain the use line zone chart  1.2 Identify the limit various zones of chart.  1.3 State the limiting seasonal zones is regions of the work and the sign special areas on charts.  1.5 State the load limit restrictions impoships when more zone to anoout 1.6 Explain the use load lines with the sign ships with the sign ships when more zone to anoout 2.6 Explain the use load lines with the sign ships when more zone to anoout 2.6 Explain the use load lines with the sign ships when more zone to anoout 2.6 Explain the use load lines with the sign ships when more zone to anoout 2.6 Explain the use load lines with the sign ships when more zone to anoout 2.6 Explain the use load lines with the sign ships when more zone to anoout 2.6 Explain the use load lines with the sign ships when zone zone to anoout 2.6 Explain the use load lines with the sign ships when zone zone zone zone zone zone zone zo	aid of di load line 2) State the dates of In different Forld Difficance of Zone  aid of di load line 2) State the dates of - Sum - Win - Trop 3) State th signific special respect densitie seasons wing from ther. of Timber  4) Disting	iagrams e zones. e limiting maps Ship model mer zone pical zone ne cance of areas with to water es, summer s and	ine 1.1 Explain the a load line chart 1.2 Identify the of the various zones on a chart. 1.3 State the line dates of sea zones in diregions of world 1.4 Explain the significance special area zone charts 1.5 State the load	the aid of diagrams load line zone 2) State the limit dates of - Summer zone with the significance of special areas respect to ward densities, summer seasons and	Maps Ship model es. ing cone cone of with

	the zones and areas 1.7 Explain the application of the provisions of the Load Line Rules to ports on boundary lines between two zones	deck load line mark and steel deck load line mark.		restrictions imposed on ships when moving from one zone to another.  1.6 Explain the use of Timber load lines with respect to the zones and	4) Distinguish between timber deck load line mark and steel deck load line mark.	
				areas 1.7 Explain the application of the provisions of the Load Line Rules to ports on boundary lines between two zones		
General	Objectives: 2.0 Know the so	urces and destination	s of main ra		<u> </u>	L
4-6	<ul> <li>2.1 List the principal sources and destinations of crude oil transported by sea.</li> <li>2.2 State the sea routes taken by oil tankers.</li> <li>2.3 Explain why very large tankers bound for Europe from the Persian Gulf take a route via the Cape of Good Hope.</li> <li>2.4 List the principal sources</li> </ul>	1) Identify on the map the principal sources of crude oil (2) Identity the major consumers of crude oil in the world. (3) On a sketched map of the world, illustrate	(i) Maps and Charts	2.1 List the principal sources and destinations of crude oil transported by sea. 2.2 State the sea routes taken by oil tankers. 2.3 Explain why very large tankers bound for Europe	1) Identify on the map the principal sources of crude oil (2) Identity the major consumers of crude oil in the world. (3) On a sketched map of the world, illustrate	(i) Maps and Charts

and destinations of grain	the sea routes	from the Persian	the sea routes
transported by sea.	taken by oil	Gulf take a route	taken by oil
2.5 Explain the factors that	tankers.	via the Cape of	tankers.
may affect sea-borne trade	(4) Identify reasons	Good Hope.	(4) Identify reasons
in grains.	why VLCC prefer	2.4 List the principal	why VLCC
2.6 List the principal sources	cape routes	sources and	prefer
and destinations coal	(i.e. factors such	destinations of	cape routes
transported by sea.	as draft, length,	grain transported	(i.e. factors such
2.7 List the principal sources	beam etc. of	by sea.	as draft, length,
and destinations of ferrous	a ship as	2.5 Explain the factors	beam etc. of
ores transported by sea,	principal factors).	that may affect	a ship as
such as:	(5) Identity other	sea-borne trade in	principal factors).
i) Chrome ore	factors such	grains.	(5) Identity other
ii) Iron ore	as demand,	2.6 List the principal	factors such
2.8 List the principal sources	economies of	sources and	as demand,
and destinations of	scale etc.	destinations coal	economies of
minerals such as:	(6) Identity on the	transported by	scale etc.
(a) Aluminium	map the	sea.	(6) Identity on the
(b) Bauxite	major sources	2.7 List the principal	map the
(c) Copper	and major	sources and	major sources
(d) Zinc	consumers of	destinations of	and major
(e) Tin	grains.	ferrous ores	consumers of
	(7) List factors that	transported by sea,	grains.
	may affect	such as:	(7) List factors that
	trade in grains	i) Chrome ore	may affect
	i.e. drought,	ii) Iron ore	trade in grains
	sever winter,	2.8 List the principal	i.e. drought,
	demand, war	sources and	sever winter,
	situation etc.	destinations of	demand, war
	(8) Show on the	minerals such as:	situation etc.
	map major	(a) Aluminium	(8) Show on the

	1			4) 5		
		sources of coal		(b) Bauxite	map major	
		carried by sea.		(c) Copper	sources of coal	
		(9) Show on the		(d) Zinc	carried by sea.	
		map major		(e) Tin	(9) Show on the	
		consumers of coal			map major	
		in the world.			consumers of	
		10) Show on the map			coal	
		principal sources			in the world.	
		and destination of			10) Show on the map	
		ferrous ore e.g.			principal sources	
		Tin-ore and			and destination	
		chrome ore.			of	
		11) Show on the			ferrous ore e.g.	
		world map			Tin-ore and	
		sources and			chrome ore.	
		destinations of			11) Show on the	
		minerals e.g.			world map	
		Bauxite, etc.			sources and	
					destinations of	
					minerals e.g.	
					Bauxite, etc.	
Genera	l Objectives: 3.0 Know the fact	tors responsible for th	ne location	of industries		
7-9	3.1 List the factors responsible	1) Outline the factors	Textbooks	3.1 List the factors	1) Outline the	Textbooks
	for location of industries.	responsible for		responsible for	factors	
	3.2 Explain the impact of	location of		location of	responsible for	
	seaports on the location of	industries i.e.		industries.	location of	
	Industries.	capital, land,		3.2 Explain the impact	industries i.e.	
	3.3 Explain the political	power, raw		of seaports on the	capital, land,	
	consideration in the	materials etc.		location of	power, raw	
	location of industries in	2) Differentiate		Industries.	materials etc.	

	the Nigerian context.  3.4 State advantages and disadvantages of locating industries, based on political considerations.  3.5 Analyse the relevance of inland waterways as a component of the total transport chain, as it relates to the location of industries	between location and site of industry.  3) Explain the impact of seaport on location of Industries.  4) Examine the advantages and disadvantages of locating industries based on political reasons.		3.3 Explain the political consideration in the location of industries in the Nigerian context. 3.4 State advantages and disadvantages of locating industries, based on political considerations. 3.5 Analyse the relevance of inland waterways as a component of the total transport chain, as it relates	<ul> <li>2) Differentiate between location and site of industry.</li> <li>3) Explain the impact of seaport on location of Industries .</li> <li>4) Examine the advantages and disadvantages of locating industries based on political reasons.</li> </ul>	
				to the location of		
Comorol	   <b>Objectives:</b> 4.0 Understand t	ha ahaisa of transpor	t modes	industries		
10-11		1) List the	Textbooks	1 1 List the transport	1) List the	Textbooks
10-11	<ul><li>4.1 List the transport modes available to producers of goods and services.</li><li>4.2 Explain the choice of</li></ul>	components of transport chain as they affect freight	Textbooks	4.1 List the transport modes available to producers of goods and	components of transport chain as they affect freight	Textbooks
	shipping over other transport modes in the carriage of goods 4.3 Distinguish between	transportation. 2) State the merit of shipping services above other modes.		services. 4.2 Explain the choice of shipping over	transportation. 2) State the merit of shipping services above other	
	intermodal and	3) Distinguish		other transport	modes.	

	multimodal transport operations 4.1 Explain the concept of total transport 4.5 Explain the need for linkage of highways and railways to ports and terminals	between intermodal and multimodal transport 4) Explain the concept of MTO in total transport chain		modes in the carriage of goods 4.3 Distinguish between intermodal and multimodal transport operations 4.2 Explain the concept of total transport 4.5 Explain the need for linkage of highways and railways to ports and terminals	3) Distinguish between intermodal and multimodal transport 4) Explain the concept of MTO in total transport chain	
General (	Objectives: 5.0 Understand th	e occurrence and effe	ect of natur		l and abnormal, upor	trade and
	shipping					
	5.1 Explain the effect of droughts on world trade and shipping 5.2 Explain the effect of severe winters in temperate regions on world trade and shipping. 5.3 Explain the effect of prolonged summers in temperate regions on world trade and shipping 5.4 Outline how natural	<ol> <li>Describe how drought can affect agricultural products including raw materials from agric. products.</li> <li>State the period of winter occurrence in the arctic and antarctic regions</li> </ol>	Textbooks	<ul> <li>5.1 Explain the effect of droughts on world trade and shipping</li> <li>5.5 Explain the effect of severe winters in temperate regions on world trade and shipping.</li> <li>5.6 Explain the effect of prolonged</li> </ul>	1) Describe how drought can affect agricultural products including raw materials from agric. products.  2) State the period of winter occurrence in the arctic and	Textbooks

	disaster such as earthquakes and volcanic eruptions may affect world trade and shipping.	of the world. 3) Explain the effects of Winter on freight rate and shipping trade 4) Explain how		summers in temperate regions on world trade and shipping 5.7 Outline how natural disaster		antarctic regions of the world. Explain the effects of Winter on freight rate and shipping trade	
		earthquake and volcanic eruption can destroy crops and industrial areas.		such as earthquakes and volcanic eruptions may affect world trade and shipping.	4)	Explain how earthquake and volcanic eruption can destroy crops and industrial areas.	
Genera	Objectives: 6.0 Know the ma	aior shipping lanes of	the world	, , ,	•		
14	<ul> <li>6.1 Describe the normal sea routes taken by ships sailing between ports in Western Europe and the Eastern sea-board of North America</li> <li>6.2 Describe the routes taken by tankers bound for Western Europe from the Persian Gulf i.e via Suez Canal and Cape of Good Hope.</li> <li>6.3 Describe the sea lanes for ships sailing between ports in the Far East and the Western seaboard of North America.</li> </ul>	<ol> <li>Identify the routes available to ships on the world map between Western Europe and eastern sea-board of North America.</li> <li>Show the routes available to tankers Via Suez Canal and Cape of Good Hope.</li> <li>Show the routes available to tankers/ships in ports of Far</li> </ol>	Textbooks	6.1 Describe the normal sea routes taken by ships sailing between ports in Western Europe and the Eastern sea-board of North America 6.2 Describe the routes taken by tankers bound for Western Europe from the Persian Gulf i.e via Suez Canal and Cape of Good Hope. 6.3 Describe the sea	2)	routes available to ships on the world map between Western Europe and eastern sea-board of North America. Show the routes available to tankers Via Suez Canal and Cape of Good Hope.	Textbooks

6.4 Describe the sea lanes	East and Western	lanes for ships	ports of Far	
used by ships sailing	seaboard of	sailing between	East and	
between ports in the Far	North America	ports in the Far	Western	
East and Europe.	4) Describe the sea	East and the	seaboard of	
6.5 Explain the influence of	routes in terms of	Western seaboard	North America.	
ocean currents on choice	traffic, business	of North	4) Describe the sea	
of sea routes by ships.	and coastal	America.	routes in terms	
6.6 Explain the influence of	services.	6.4 Describe the sea	of traffic,	
seasonal meteorological	5) Describe ocean	lanes used by	business and	
hazards on the choice of	currents	ships sailing	coastal services.	
sea routes by ships.	6) List some well	between ports in	5) Describe ocean	
6.7 Explain the role of shore-	known currents	the Far East and	currents	
based ship	and direction of	Europe.	6) List some well	
routing services in the	flow.	6.5 Explain the	known currents	
choice of sea	7) Explain the	influence of ocean	and direction of	
routes by ships	hazards a ship	currents on choice	flow.	
	sailing against a	of sea routes by	7) Explain the	
	fast current may	ships.	hazards a ship	
	face.	6.6 Explain the	sailing against a	
	8) List seasonal	influence of	fast current may	
	Meteorological	seasonal	face.	
	hazards i.e winter	meteorological	8) List seasonal	
	– ice Summer -	hazards on the	Meteorological	
	hurricane	choice of sea	hazards i.e winter	
	Drought - low	routes by ships.	– ice Summer -	
	level of water on	6.7 Explain the role of	hurricane	
	inland waters	shore-based ship	Drought - low	
	9) List the shore-	routing services	level of water on	
	based services i.e,	in the choice of	inland waters	
	1 .		0) 7 1 1 1	

sea routes by

ships

based services

9) List the shore-

ice-patrol, information

broad	cast,	i.e,	
Pilota	ige, etc.	ice-patrol,	
		information	
		broadcast,	
		Pilotage, etc.	

PROGRAMME: NATIONAL INNOVATION DIPLOMA IN SHIPPING MANAGEMENT

**COURSE TITLE: MARITIME ECONOMICS I** 

CODE: SHM 112

**CREDIT UNITS: 3** 

**DURATION:** ONE SEMESTER

**GOAL:** This course is designed to provide the student with a broad understanding of the economic

and commercial environment of shipping.

## **GENERAL OBJECTIVES:**

On completion of the course, the student should be able to:

- 1.0 Understand the economics of ships and ship designs
- 2.0 Understand the supply of shipping with particular reference to recent trends in the world fleet, elasticity, costs and lay-up
- 3.0 Understand the demand for shipping services
- 4.0 Understand economies of scale and reasons for specialization
- 5.0 Understand the influence of ports, canals and waterways on ship design, and vice versa
- 6.0 Understand the theories of protection of trade and shipping

## PROGRAMME: NATIONAL INNOVATION DIPLOMA IN SHIPPING MANAGEMENT **COURSE: MARITIME ECONOMICS I** COURSE CODE: MST 112 **CONTACT HOURS: 2** GOAL: This course is designed to provide the student with a broad understanding of the economic and commercial environment of shipping. **COURSE SPECIFICATION : Theoretical Contents: Practical Contents:** General Objectives: 1.0 Understand the economics of ships and ship designs Specific Learning **Specific learning objective Teacher Activities** Week **Teacher Activities** Learning Learning **Objective** Resource Resource 1.1 Explain the demand for 1) Define the concept Models of ship 1.1 Explain the 1) Define the concept Models of ship 1. of derived demand ships as a derived demand demand for ships of derived demand types. types. for transport as applied to ships. Pictures of ship Pictures of ship as a derived as applied to ships. 1.2 State determinants of ship 2) Explain the factors types. demand for 2) Explain the factors types. type options open to the Overhead that affect the Overhead transport that affect the choice of ships. choice of ships. projectors and ship owner projectors and 1.2 State 1.3 State economic criteria 3) Explain the factors Transparencies. determinants of 3) Explain the factors Transparencies. that affect ship that affect ship applicable in choosing ship type options between ship type options. design. open to the ship design. 1.4 Evaluate the influence of 4) Show models of 4) Show models of owner cargo type, type of ship types. 1.3 State economic ship types. shipping operation and criteria commercial philosophy on applicable in ship design. choosing 1.5 Explain the economic between ship factors which type options. determine the design of 1.4 Evaluate the utility and service vessels influence of cargo type, type of shipping

operation and

				commercial philosophy on ship design. 1.5 Explain the economic facto which determin the design of utility and service vessels	ne	
General	Objectives: 2.0 Understand the	he supply of shipping	with partic	cular reference to recei	nt trends in the world	fleet,
	•	sts and lay-up	. 1			,
2.	2.1 State the factors which affect the supply of	1) Explain the factors that affect the	Textbooks	2.1 State the factors which affect the	1) Explain the factors that affect the	Textbooks
	shipping services.  2.2 Explain the mechanism by which supply of ships adjusts to demand.  2.3 Explain how supply of shipping increases in the short and long run.  2.4 Analyse the influence of freight rates on the supply of shipping.  2.5 Explain the term "lay-up point".  2.6 Explain the effect of variable cost of operation on the decision to lay-up.  2.7 Explain the effect of	supply of shipping services.  2) Explain "Lay-up" point and the "decision to Lay-up".  3) Explain the effect of information on the supply of shipping services.	Journals	supply of shipping services.  2.2 Explain the mechanism by which supply of ships adjusts to demand.  2.3 Explain how supply of shipping increases in the short and long run.  2.4 Analyse the influence of freight rates on the supply of shipping.  2.5 Explain the term	supply of shipping services.  2) Explain "Lay-up" point and the "decision to Lay-up".  3) Explain the effect of information on the supply of shipping services.	Journals

of information on the supply of shipping  Coronal Objectives: 2.0 Understand the	a damand for chinning	a sorvices	<ul><li>2.6 Explain the effect     of variable cost of     operation on the     decision to lay-up.</li><li>2.7 Explain the effect     of collection and     interpretation of     information on the     supply of shipping</li></ul>		
General Objectives: 3.0 Understand the 3.  3.1 Explain the demand for transport as a derived demand from the demand for goods.  3.2 Explain the influence of the size and structure of international trade on the demand for shipping services  3.3 Evaluate the impact of polities on the demand for shipping services  3.4Explain the influence of distance on the demand for shipping services.  3.5Explain the influence of freight rates on the demand for shipping services.	1) Explain the concept of derived demand as it relates to transport. 2) Explain the factors that affect the demand for shipping services. 3) Explain price elasticity of demand for shipping services.	Graphs Textbooks Journals	3.1 Explain the demand for transport as a derived demand from the demand for goods. 3.2 Explain the influence of the size and structure of international trade on the demand for shipping services 3.3 Evaluate the impact of polities	1) Explain the concept of derived demand as it relates to transport. 2) Explain the factors that affect the demand for shipping services. 3) Explain price elasticity of demand for shipping services.	Graphs Textbooks Journals

	3.6Analyse price elasticity of			on the demand for		
	demand for shipping			shipping services		
	services.			3.4Explain the		
	services.			influence of		
				distance on the		
				demand for		
				shipping services.		
				3.5Explain the		
				influence of freight		
				rates on the		
				demand for		
				shipping services.		
				3.6Analyse price elasticity of		
				demand for		
~	1011 4 1	1	1	shipping services.		
	Objectives: 4.0 Understand		1	_ +		
4.	4.1 Explain the concept of unit	1) Define the	Textbooks	4.1 Explain the	1) Define the	Textbooks
	cost in shipping	concept of unit		concept of unit	concept of unit	
	4.2 Analyse the factors that	cost in shipping.	Journals	cost in shipping	cost in shipping.	Journals
	influence the unit of cost	2) Explain the		4.2 Analyse the	2) Explain the	
	of shipping goods.	general factors that		factors that	general factors that	
	4.3 List the elements which	affect the unit cost		influence the unit	affect the unit cost	
	influence the unit cost of	of a ship.		of cost of	of a ship.	
	any given ship.	3) Give assignment		shipping goods.	3) Give assignment	
	4.4 Define annual cost per	on previous		4.3 List the elements	on previous	
	deadweight of a ship	topics of		which influence	topics of	
	4.5 Explain the importance of	economics of ship		the unit cost of	economics of ship	
	ship size in reducing	and ship design		any given ship.	and ship design	
	shipping costs.	and supply of		4.4 Define annual	and supply of	

	<ul> <li>4.6 Develop a cost analysis by examining the cost components in 4.3 above.</li> <li>4.7 State the reasons for specialization in shipping.</li> <li>4.8 State the disadvantages of specialization in shipping.</li> </ul>	shipping services. 4) Explain demand for shipping services and Economics of scale. 5) Explain specialization and its disadvantages in shipping.		cost per deadweight of a ship  4.5 Explain the importance of ship size in reducing shipping costs.  4.6 Develop a cost analysis by examining the cost components in 4.3 above.  4.7 State the reasons for specialization in shipping.  4.8 State the disadvantages of specialization in	shipping services. 4) Explain demand for shipping services and Economics of scale. 5) Explain specialization and its disadvantages in shipping.	
	101 4 70 II 1 4 14		1 1	shipping.	. 1 .	
	Objectives: 5.0 Understand the					ı
5.	5.1 Explain the influence of draft restrictions in	1) Explain the factors that affect	Textbooks	5.1 Explain the influence of	1) Explain the factors that affect	Textbooks
	ports, canals and waterways on ship design	the design of	Journals	draft restrictions in ports, canals	the design of	Journals
	, ,	ships.		_ · ·	ships.	
	5.2Describe how cargo handling facilities in			and waterways on ship design		
	ports of a region affect the			5.2Describe how		
	design of ships			cargo handling		
	5.3Explain the influence of			facilities in		

width and depth of	ports of a region	
canals and waterways on	affect the	
the design of ships.	design of ships	
5.4Explain the effects of ports	5.3Explain the	
location on the design of	influence of	
ships.	width and depth of	
5.8 Describe the impact of	canals and	
purpose built ships	waterways on	
on port design and layout.	the design of	
5.9 Explain the need to dredge	ships.	
channels and	5.4Explain the effects	
bulk terminal berths deeper	of ports location	
than other areas of a port.	on the design of	
	ships.	
	5.10Describe the	
	impact of	
	purpose built	
	ships on port	
	design and	
	layout.	
	5.11Explain the need	
	to dredge	
	channels and	
	bulk terminal	
	berths deeper	
	than other areas	
	of a port.	

General Objectives: 6.0 Un	nderstand the theories of pro-	tection of trad	le an	d shipping		
6. 6.1 List the various type shipping policies	pes of 1) Define the various types of	Textbooks	6.1	List the various types of shipping	1) Define the various types of	Textbooks
6.2 Define protectionis 6.3 State Coastal and I Shipping (Cabotag	sm shipping policies (nland 2) Explain	Journals	6.2	policies Define protectionism	shipping policies 2) Explain protectionism and	Journals
of 2003. 6.4 List the different for protectionism is shipping.	liberalism in shipping and Inland		6.3	State Coastal and Inland Shipping (Cabotage) Act of 2003.	liberalism in shipping 3) Explain Coastal and Inland	
6.5 Distinguish between liberalism and protectionism in sh	Shipping (Cabotage) Act.		6.4	List the different forms of protectionism	Shipping (Cabotage) Act.	
6.6 Explain the role of Nigerian Maritime and Administration Authority (NIMAS) the protection of N Shipping.	Safety n SA) in		6.5	in shipping. Distinguish between liberalism and protectionism in shipping.		
<ul><li>6.7 State the effect of the rates on protection shipping.</li><li>6.8 State the effect of</li></ul>	ism in		6.6	Explain the role of the Nigerian Maritime Safety and		
protectionism in sh on freight rates. 6.9 State the advantage disadvantages of protectionism in sh	es and			Administration Authority (NIMASA) in the protection of Nigerian		
			6.7	Shipping. State the effect of		

freight rates on
protectionism in
shipping.
6.8 State the effect of
protectionism in
shipping on
freight rates.
6.9 State the
advantages and
disadvantages of
protectionism in
shipping.

PROGRAMME: NATIONAL INNOVATION DIPLOMA IN SHIPPING MANAGEMENT

**COURSE TITLE:** MARITIME ECONOMICS I I

CODE: SHM 123

**CREDIT UNITS: 2** 

**DURATION:** ONE SEMESTER

**GOAL:** This course is designed to enable the student appreciate the factors which influence shipping

and port costs as well as develop essential skills of critical assessment and analysis of

maritime economics.

## **GENERAL OBJECTIVES:**

On completion of the course, the student should be able to:

- 1.0 Understand the pricing of shipping services
- 2.0 Know the factors affecting balance of payments and the impact of exchange rates on trade and shipping
- 3.0 Understand the economics of merchant ship-building
- 4.0 Understand shipping costs, revenue and financial performance
- 5.0 Understand the roles of conferences and consortia, and the effect of the UNCTAD code on shipping
- 6.0 Understand port production and cost functions
- 7.0 Understand port pricing

PROGRAMME: NATIONAL INNOVATION DIPLOMA IN SHIPPING MANAGEMENT									
COUR	SE: MARITIME ECONOMIC	CSII	COURSE	CODE: SHM 123	<b>CONTACT HOURS: 2</b>				
GOAL:	This course is designed t	o enable the studer	nt apprecia	ate the factors which	h influence shipping	and port			
	costs as well as develop		ritical asse	essment and analys	is of maritime econo	mics.			
	COURSE SPECIFICATION: Theoretical Contents: Practical Contents:								
Genera	Objectives: 1.0 Understand the		services	<del>,</del>					
Week	Specific learning objective	Teacher Activities	Learning	Specific Learning	<b>Teacher Activities</b>	Learning			
			Resource	Objective		Resource			
1-2	<ol> <li>1.1 Explain the impact of freight rates on the supply of ships.</li> <li>1.2 Explain the adjustment of supply of ships to the level of freight rates.</li> <li>1.3 State crucial factors in market appraisal by ship owners.</li> <li>1.4 Explain how a ship owner may increase the supply of ships without increasing the number of ships in his fleet.</li> <li>1.5 Explain how the maximum and minimum freight rates are determined</li> <li>1.6 Describe the mechanism</li> </ol>	<ol> <li>Explain the interaction between supply and freight rates in shipping appraisal.</li> <li>Explain the factors that affect market appraisal.</li> <li>Explain the factors that affect the facing of freight rates in shipping.</li> <li>Evaluate the effect of fuel economy and maintenance on the supply of ships.</li> </ol>	Textbooks Journals	<ul> <li>1.1 Explain the impact of freight rates on the supply of ships.</li> <li>1.2 Explain the adjustment of supply of ships to the level of freight rates.</li> <li>1.3 State crucial factors in market appraisal by ship owners.</li> <li>1.4 Explain how a ship owner may increase the supply of ships without increasing the</li> </ul>	<ol> <li>Explain the interaction between supply and freight rates in shipping appraisal.</li> <li>Explain the factors that affect market appraisal.</li> <li>Explain the factors that affect the facing of freight rates in shipping.</li> <li>Evaluate the effect of fuel economy and maintenance on the supply of ships.</li> </ol>	Textbooks Journals			

Genera	of fixing freight rates in tramp shipping.  1.7 Describe the mechanism of fixing freight rate in liner shipping.  1.8 Describe the mechanism of fixing freight rates in tanker shipping.	ctors affecting balanc	ee of payme	number of ships in his fleet.  1.5 Explain how the maximum and minimum freight rates are determined  1.6 Describe the mechanism of fixing freight rates in tramp shipping.  1.7 Describe the mechanism of fixing freight rate in liner shipping.  1.8 Describe the mechanism of fixing freight rate in liner shipping.  1.8 Describe the mechanism of fixing freight rates in tanker shipping.  and the impact of the state of the shipping the shipping.	exchange rates on trad	e and
3-4	2.1 State the components of balance of payments with	1) Analyse balance of payment.	Textbooks Journals	2.1 State the components of	1) Analyse balance of payment.	Textbooks Journals
	particular reference to the	2) Explain exchange		balance of	2) Explain exchange rate mechanism.	
	role of transport and shipping.	rate mechanism. 3) Explain exchange		payments with particular	rate mechanism. 3) Explain exchange	
	2.2 State the factors	rate fluctuations on		reference to the	rate fluctuations on	
<u> </u>	influencing balance of	voyage estimates.		role of transport	voyage estimates.	

payments, methods of		and shipping.	
correcting long and short		2.2 State the factors	
run deficits and their		influencing	
implications.		balance of	
2.3 Explain the theory of		payments,	
exchange rates and their		methods of	
influence on trade and		correcting long	
shipping.		and short run	
2.4 Explain the effects of		deficits and their	
exchange rate fluctuations		implications.	
on voyage estimates.		2.3 Explain the	
2.5 Explain the effect of		theory of	
exchange rate fluctuations		exchange rates	
on a consignee when		and their	
freight is prepaid and when		influence on trade	
freight is paid at destination.		and shipping.	
		2.4 Explain the	
		effects of	
		exchange rate	
		fluctuations on	
		voyage estimates.	
		2.5 Explain the effect	
		of exchange rate	
		fluctuations	
		on a consignee	
		when freight is	
		prepaid and when	
		freight is paid at	
		destination.	

General Objectives: 3.0 Understand the economics of merchant ship-building								
5-6	<ul> <li>3.1 Explain how demand for sea borne trade leads to demand for new ships.</li> <li>3.2 Explain the effects of time in the supply of new ships on the demand.</li> <li>3.3 State demand/supply influences on ship-building markets.</li> <li>3.4 State what determines the level of ship-building prices</li> <li>3.5 Explain the factors that give rise to the decision to scrap a ship</li> </ul>	1) Explain the factors that affect supply and demand for new ships. 2) Explain derived for new ships. 3) Explain factors that give rise to the decision to scrap a ship.	Textbooks Journals	3.6 Explain how demand for sea borne trade leads to demand for new ships. 3.7 Explain the effects of time in the supply of new ships on the demand. 3.8 State demand/supply influences on ship-building markets. 3.9 State what determines the level of ship-building prices 3.10Explain the factors that give rise to the decision to scrap a ship	1) Explain the factors that affect supply and demand for new ships. 2) Explain derived for new ships. 3) Explain factors that give rise to the decision to scrap a ship.	Textbooks Journals		

General Objectives: 4.0 Understand shipping costs, revenue and financial performance							
General Objectives: 4.0 Understand shipping costs, revenue and fin  7-8  4.1 Define fixed costs 4.2 Define variable and marginal costs 4.3 Explain the classification of shipping costs into operating, voyage, capital and cargo handling costs. 4.4 State the constituents of operating costs 4.5 State the constituents of capital costs 4.7 State the sources of revenue for a shipping operation  Understand shipping costs, revenue and fin  1) Analyse fixed cost, variable cost and marginal costs.  2) Explain the factors that affect the unit cost of running a ship.  3) Explain the sources of revenue for a shipping operation.	4.1 Define fixed costs 4.4 Define variable and marginal costs 4.5 Explain the classification of shipping costs into operating, voyage, capital and cargo handling costs. 4.4 State the constituents of operating costs. 4.5 State the constituents of capital costs 4.8 State the sources of revenue for a shipping	1) Analyse fixed cost, variable cost and marginal costs. 2) Explain the factors that affect the unit cost of running a ship. 3) Explain the sources of revenue for a shipping operation.	Textbooks Journals				

Genera	General Objectives: 5.0 Understand the roles of conferences and consortia, and the effect of the UNCTAD code on							
	shipping							
9-10.	<ul> <li>5.1 Narrate the historical origin of liner shipping.</li> <li>5.2 List the main types of liner conferences</li> <li>5.3 Describe the closed conference arrangement.</li> <li>5.4 Describe the open conference arrangement.</li> <li>5.5 Describe the operation of outsiders providing liner services on a route.</li> <li>5.6 State the basis of the UNCTAD liner code.</li> <li>5.7 Outline the major areas of liner shipping covered by the UNCTAD Liner Code.</li> <li>5.8 State the effect of the UNCTAD Code on the growth of shipping operations in developing countries.</li> </ul>	1) Narrate the history of liner conference. 2) Explain different types of liner conferences. 3) Explain the role of United Nations Conference on Trade and Development (UNCTAD) in shipping.	Textbooks Journals	<ul> <li>5.1 Narrate the historical origin of liner shipping.</li> <li>5.9 List the main types of liner conferences</li> <li>5.10Describe the closed conference arrangement.</li> <li>5.11Describe the open conference arrangement.</li> <li>5.12Describe the operation of outsiders providing liner services on a route.</li> <li>5.13State the basis of the UNCTAD liner code.</li> <li>5.14Outline the major areas of liner shipping covered by the UNCTAD Liner Code.</li> <li>5.8 State the effect of the UNCTAD Code on the growth of shipping operations in developing countries.</li> </ul>	1) Narrate the history of liner conference. 2) Explain different types of liner conferences. 3) Explain the role of United Nations Conference on Trade and Development (UNCTAD) in shipping.	Textbooks Journals		

Genera	General Objectives: 6.0 Understand port production and cost functions							
11-12	6.1 Expla	ain the role of the	1) Describe the	Textbooks	6.1 Explain the role	1) Describe the	Textbooks	
	follo	wing factors of port	factors of port	Journals	of the following	factors of port	Journals	
	produ	uction:	production		factors of port	production		
	i)	Quays	2) Explain long run		production:	2) Explain long run		
	ii)	Port Cranes	and short run		i) Quays	and short run		
	iii)	Stevedoring labour	total costs of port		ii) Port Cranes	total costs of port		
	iv)	Administrative staff	services		iii) Stevedoring	services		
	v)	Transit sheds.	3) Analyse short term		labour	3) Analyse short term		
	vi)	Time of ships in	demand of Port		iv) Administrative	demand of Port		
		port	services.		staff	services.		
	vii)	Time of land	4) Explain economies		v) Transit sheds.	4) Explain economies		
		transport vehicles	of scale in port		vi) Time of ships	of scale in port		
	viii)	Forklift trucks	operations.		in port	operations.		
	ix)	Approach Channel			vii) Time of land			
	x)	Access road			transport			
		ribe the relationship			vehicles			
		e production factors			viii)Forklift trucks			
		l above to total cargo			ix) Approach			
		igh put of a port			Channel			
	_	ain Long-run total			x) Access road			
		(LRTC) of port			6.2 Describe the			
	servi				relationship of			
	_	ain short-run total			the production			
		(SRTC)of port			factors in 6.1			
	servi				above to total			
		the short term			cargo through			
		ands of port services.			put of a port			
	_	ain economics of			6.3 Explain Long-			
	scale	in port operations			run total cost			
					(LRTC) of port			

<b>Genera</b> 13-15	7.1Explain the role of pricing policy as an investment criterion 7.2 Explain the following charges paid by a ship calling at a port:  i) Conservancy charge  ii) Light dues	<ol> <li>Define port policy concept.</li> <li>Explain the various port charges</li> <li>Explain how port-tariffs in other Ports affect the fixing of tariffs by</li> </ol>	Textbooks Journals	term demands of port services.  6.6 Explain economics of scale in port operations  7.1Explain the role of pricing policy as an investment criterion  7.2 Explain the following charges paid by a	<ol> <li>Define port policy concept.</li> <li>Explain the various port charges</li> <li>Explain how port-tariffs in other Ports affect the fixing of tariffs by</li> </ol>	Textbooks Journals
	<ul> <li>iii) Dock entrance fee</li> <li>iv) Towage fee</li> <li>v) Pilotage</li> <li>vi) Berth occupancy</li> <li>vii) Carnage</li> <li>7.3 Explain the following charges: <ol> <li>i) Stevedoring charges</li> </ol> </li> </ul>	<ul> <li>a port.</li> <li>4) Explain the need to consult port users before fixing tariffs.</li> <li>5) Carry out field trip.</li> </ul>		ship calling at a port: i) Conservancy charge ii) Light dues iii) Dock entrance fee iv) Towage fee v) Pilotage	<ul> <li>a port.</li> <li>4) Explain the need to consult port users before fixing tariffs.</li> <li>5) Carry out field trip.</li> </ul>	

ii) Warfage	vi) Berth occupancy	
iii) Quayage	vii) Carnage	
iv) Transit shed rent	7.3 Explain the	
etc	following charges:	
7.4Explain the influence of	i) Stevedoring	
port tariffs in	charges	
neighbouring ports to the	ii) Warfage	
setting of tariffs	iii) Quayage	
by a port	iv) Transit shed rent	
7.5 Explain the need to inform	etc	
or consult port users	7.4 Explain the	
before setting or	influence of	
increasing port tariffs	port tariffs in	
	neighbouring	
	ports to the	
	setting of tariffs	
	by a port	
	7.5 Explain the need	
	to inform	
	or consult port	
	users	
	before setting or	
	increasing port	
	tariffs	

**COURSE TITLE:**MARITIME LAW I

CODE: SHM 211

**CREDIT UNITS: 2** 

**DURATION:** ONE SEMESTER

**GOAL:** This course is designed to provide the student with an understanding of the law affecting

various aspects of shipping business.

## **GENERAL OBJECTIVES:**

- 1.0 Understand the ownership structure of ships
- 2.0 Understand registration of ships
- 3.0 Know the role of the ship master
- 4.0 Know the basic elements of the law of carriage of goods by sea.
- 5.0 Know the legal aspects of charter parties
- 6.0 Understand general principles of freights, liens and general average
- 7.0 Know the fundamental provisions of relevant international maritime conventions
- 8.0 Understand the reasons for and the general philosophy of the law of the sea

PROGI	PROGRAMME: NATIONAL INNOVATION DIPLOMA IN SHIPPING MANAGEMENT								
COURS	SE: MARITIME LAW I		COURSE COI	DE: SHM 211	<b>CONTACT HOURS:</b>	2			
GOAL:	This course is designed t	o provide the stude	ent with an und	derstanding of the	law affecting vario	ous aspects			
	of shipping business.								
COURS	COURSE SPECIFICATION : Theoretical Contents: Practical Contents:								
Genera	l Objectives: 1.0 Understand th	ne ownership structur	e of ships						
Week	Specific learning objective	<b>Teacher Activities</b>	Learning	Specific Learning	Teacher Activities	Learning			
			Resource	Objective		Resource			
1 2	115 1: 1 6 11 :	1) 17 1 1 1		115 11 1	1) 1 1 1				
1-2	1.1 Explain the following	1) Explain the types	Overhead	1.1 Explain the	1) Explain the	Overhead			
	methods of acquiring a	of ship ownership 2) State the		following methods of	types of ship				
	ship: i) Transmission	qualifications for	projector with		ownership 2) State the	projector with			
	i) Transmission ii) Judicial sale	owning and	transparencies	acquiring a ship: iv) Transmis	qualifications for	transparencies			
	iii) Purchase	registering ships in		sion	owning and				
	1.2 State the qualifications for	Nigeria.		v) Judicial	registering ships				
	owning a ship in Nigeria	3) Explain joint		sale	in Nigeria.				
	1.3 State the information	ownership of		vi) Purchase	3) Explain joint				
	required in a declaration of	ships		1.2 State the	ownership of				
	ownership on registry.	4) Produce		qualifications	ships				
	1.4 State the requirements for a	/		for owning a	4) Produce				
	managing owner of a	showing		ship in Nigeria	documents				
	Nigerian ship to be	qualification		1.3 State the	showing				
	registered	stated in shipping		information	qualification				
	1.5 State how the property in a	Act.		required in a	stated in				
	ship is shared.			declaration of	shipping Act.				
	1.6 State the requirements in			ownership on					
	respect to joint ownership			registry.					

	of shares, ownership of			1.4 State the		
	fractional part of a share			requirements		
	and ownership by a			for a managing		
	corporation			owner of a		
	corporation			Nigerian ship to		
				be registered 1.5 State how the		
				property in a		
				ship is shared.		
				1.6 State the		
				requirements in		
				respect to joint		
				ownership of		
				shares,		
				ownership of		
				fractional part		
				of a share and		
				ownership by a		
				corporation.		
General	Objectives: 2.0 Understand r	registration of ships				
3 – 4	2.1 Explain how registry may	1) State particulars on	Merchant	2.1 Explain how	1) State particulars on	Merchant
	be granted and by whom.	a certificate	Shipping Act	registry may	a certificate	Shipping
	2.2 State the particulars on a	of registry	1990 and	be granted and	of registry	Act 1990
	certificate of registry.	2) Outline conditions	Lecture	by whom.	2) Outline conditions	and Lecture
	2.3 State the conditions for	for registering a	Materials	2.2 State the	for registering a	Materials
	registering alterations or	ship in Nigeria.		particulars on a	ship in Nigeria.	
	registering ships a new.	3) State the		certificate of	3) State the	
	2.4 Explain why a Nigerian	advantages and		registry.	advantages and	
	ship owner may register his	disadvantages of		2.3 State the	disadvantages of	
	ship in a foreign registry.	open registries.		conditions for	open registries.	
	simp in a foreign registry.	open registries.		201101110115 101	open regionies.	

	2.5 State the advantages and			registering		
	disadvantages of			alterations or		
	open registries			registering ships		
	open registres			a new.		
				2.4 Explain why a		
				Nigerian ship		
				owner may		
				register his ship		
				in a foreign		
				registry.		
				2.5 State the		
				advantages and		
				disadvantages of		
				open registries .		
<b>C</b>	101: 4: 20 Vm ovy the gold	of the abin measter		open registries.		
	Objectives: 3.0 Know the role		m 1 1	0.1 5 11 1		m 1 1
5 - 6	3.1 Explain the master's	1) Explain the role of	Textbook	3.1 Explain the master's	1) Explain the role of	Textbook
	authority as the agent of	a ship master as		authority as the	a ship master as	
	the ship owner and the	regards safety of		agent of the ship	regards safety of	
	bailee of the cargo	ship and cargo.		owner and the	ship and cargo.	
	3.2 Explain the master's	2) Explain master's		bailee of the cargo	2) Explain master's	
	liabilities in respect of the	liabilities in		3.2 Explain the master's	liabilities in	
	conduct of a voyage and	running the ship.		liabilities in respect	running the ship.	
	the running of a ship	3) Explain the		of the conduct of a	3) Explain the	
	under his command.	relationship		voyage and the	relationship	
	3.3 Explain the relationship	between the		running of a ship	between the	
	between master and crew	master and the		under his	master and the	
	as it relates to the smooth	crew on board the		command.	crew on board the	
	and efficient working of	ship.		3.3 Explain the	ship.	
	the ship.			relationship between		
	3.4 Describe the duties			master and crew as it		

	performed by a master with regard to the interest of the ship owner, the safety of the ship and cargo and the welfare of all on board			relates to the smooth and efficient working of the ship.  3.4 Describe the duties performed by a master with regard to the interest of the ship owner, the safety of the ship and cargo and the welfare of all on board.		
Genera	l Objectives: 4.0 Know the ba	sic elements of the la	w of carria	ge of goods by sea.		
7 - 8	4.1 Explain the master's	1) Explain the role of		4.1 Explain the master's	1) Explain the role of	Textbook
	authority as the agent of	a ship master as		authority as the	a ship master as	
	the ship owner and the	regards safety of		agent of the ship	regards safety of	
	bailee of the cargo	ship and cargo.		owner and the bailee	ship and cargo.	
	4.2 Explain the master's	2) Explain master's		of the cargo	2) Explain master's	
	liabilities in respect of the	liabilities in		4.2 Explain the master's	liabilities in	
	conduct of a voyage and	running the ship.		liabilities in respect	running the ship.	
	the running of a ship under	3) Explain the		of the conduct of a	3) Explain the	
	his command.	relationship		voyage and the	relationship	
	4.3 Explain the relationship	between the		running of a ship	between the	
	between master and crew	master and the		under his command.	master and the	
	as it relates to the smooth	crew on board the		4.3 Explain the	crew on board the	
	and efficient working of	ship.		relationship between	ship.	
	the ship.			master and crew as it		
	4.4 Describe the duties			relates to the smooth		
	performed by a master			and efficient		
	with regard to the interest			working of the ship.		

	of the ship owner, the safety of the ship and cargo and the welfare of all on board.  1 Objectives: 5.0 Know the leg			4.4 Describe the duties performed by a master with regard to the interest of the ship owner, the safety of the ship and cargo and the welfare of all on board.		
9 - 10	5.1 Explain the following clauses, phrases and terms	1) Explain the rights,	Lecture Materials	5.1 Explain the following clauses,	1) Explain the rights,	Lecture Materials
	as applied to charter parties: i) Address commission ii) Always afloat	responsibilities and liabilities of chatterers and ship owners.		phrases and terms as applied to charter parties: i) Address	responsibilities and liabilities of chatterers and ship owners.	
	iii) Arbitration clause iv) Berth terms v) Bill of lading clause vi) Deviation clause	2) Explain the necessary things the ship master must do before the		commission  ii) Always afloat  iii) Arbitration  clause	2) Explain the necessary things the ship master must do before the	
	vii) Exception clause viii) General average clause ix) Cesser clause	ship is termed an arrived ship. 3) Define Lay day		iv) Berth terms v) Bill of lading clause vi) Deviation	ship is termed an arrived ship. 3) Define Lay day	
	x) Safe berth xi) Strike clause 5.2 Describe the applicability			vi) Deviation clause vii) Exception clause		
	of the different forms of charter parties to different traders  5.3 Analyse the rights,			viii) General average clause ix) Cesser clause x) Safe berth		

	responsibilities and liabilities of chatterers and owners in the different types of charter parties.  5.4 State the significance of Notice of Readiness under a voyage charter  5.5 Define lay day.			xi) Strike clause 5.2 Describe the applicability of the different forms of charter parties to different traders 5.3 Analyse the rights, responsibilities and liabilities of chatterers and owners in the different types of charter parties. 5.4 State the significance of Notice of Readiness under a voyage charter 5.5 Define lay day.		
General	Objectives: 6.0 Understand g	eneral principles of f	reights, lier			
11 - 12	6.1 Define freight.	1) Define freight	Lecture	6.1 Define freight.	1) Define freight	Lecture
	6.2 Explain the following	2) Explain some	Materials	6.2 Explain the	2) Explain some	Materials
	i) freight on damaged goods	important terms	Textbooks	following	important terms	Textbooks
	ii) back freight	concerning freight		i) freight on	concerning freight	
	iii) lump sum freight	3) Explain types of		damaged goods	3) Explain types of	
	iv) advance freight and	freight		ii) back freight	freight	
	charges thereon	4) Give reasons why		iii) lump sum freight	4) Give reasons why	
	v) distance freight	freight may not be		iv) advance freight	freight may not be	
	vi) bill of lading freight	paid by chatterers.		and charges	paid by chatterers.	
	6.3 State when freight is	5) State who is		thereon	5) State who is	

payable	entitled to and who	v) distance freight	entitled to and who
6.4 Describe the	is liable for the	vi) bill of lading	is liable for the
circumstances which may	payment of freight	freight	payment of freight
excuse the chatterer or		6.3 State when freight is	
cargo owner from paying		payable	
freight		6.4 Describe the	
6.5 State who is entitled to		circumstances which	
and who is liable for the		may excuse the	
payment of freight.		chatterer or	
6.6 Define maritime lien		cargo owner from	
6.7 State the conditions that		paying freight	
may give rise to the		6.5 State who is entitled	
imposition of lien on		to and who is liable	
maritime property.		for the payment of	
6.8 Explain the doctrine of		freight.	
general average		6.6 Define maritime	
6.9 State the essential features		lien	
of general average		6.7 State the conditions	
6.10 Describe how		that may give rise	
assessment of		to the imposition of	
contribution in general		lien on maritime	
average is done		property.	
		6.8 Explain the	
		doctrine of	
		general average	
		6.9State the essential	
		features of general	
		average	
		6.10 Describe how	
		assessment	
		of contribution in	

		general average is	
		done	

General	Objectives: 7.0 Know the fun	ndamental provisions	of relevant int	ernational maritime co	onventions	
13 - 14	7.1Explain the reason for	1) List the technical	STCW	7.1Explain the reason	1) List the technical	STCW
	international maritime	annexes of	Convention	for international	annexes of	Convention
	policies.	MARPOL.	Document	maritime policies.	MARPOL.	Document
	7.2State ships to which the	2) Define STCW		7.2State ships to	2) Define STCW	
	provisions of the	78/95	Lecture	which the	78/95	Lecture
	International Convention	3) Explain the	Materials	provisions of the	3) Explain the	Materials
	for the Safety of Life at	provisions of the		International	provisions of the	
	Sea (SOLAS) apply.	STCW 95		Convention	STCW 95	
	7.3State the surveys and	regarding		for the Safety of	regarding	
	inspections required to be	certification and		Life at Sea	certification and	
	carried out in accordance	Watch keeping		(SOLAS) apply.	Watch keeping	
	with the provisions of			7.3State the surveys		
	SOLAS.			and inspections		
	7.4 List the certificates			required to be		
	required to be issued to			carried out in		
	ships in accordance with			accordance with		
	SOLAS.			the provisions of		
	7.5 State ships to which the			SOLAS.		
	provisions of the			7.4List the certificates		
	International Conventions			required to be		
	for the Prevention of			issued to ships in		
	Pollution from ships			accordance with		
	(MARPOL) apply.			SOLAS.		
	7.6 List the certificates			7.5State ships to		
	required to be issued to			which the		
	ships in accordance with			provisions of the		
	the provisions of			International		
	MARPOL			Conventions for		

7.7 List the technical annexes	the Prevention of
of MARPOL.	Pollution from
7.8 State class of seafarers to	ships (MARPOL)
which the International	apply.
Convention on standards	7.6 List the certificates
of Training, Certification	required to be
and Watch-Keeping for	issued to ships in
Seafarers (STCW 95)	accordance with
apply.	the provisions of
7.9 Outline the minimum	MARPOL
number of watch keeping	7.7List the technical
officers required to man	annexes of
sea-going ships within the	MARPOL.
provision of the STCW 95	7.8State class of
convention.	seafarers to which
	the International
	Convention on
	standards of
	Training,
	Certification and
	Watch-Keeping for
	Seafarers (STCW
	95) apply.
	7.9 Outline the
	minimum number
	of watch keeping
	officers required to
	man sea-going
	ships within the
	provision of the
	STCW 95 convention.

Genera	General Objectives: 8.0 Understand the reasons for and the general philosophy of the law of the sea								
	8.1 Explain the historical		1) Explain the	Law of the	8.1 Explain the	1) Explain the	Law of the		
15	backgro	ound of the	historical	Sea	historical	historical	Sea		
	Law of	the Sea.	background of the	Convention.	background of	background of the	Convention.		
	Convent		law of the sea.		the Law of the	law of the sea.			
	8.2Define th	e following	2) Define the	Lecture	Sea.	2) Define the	Lecture		
		ne provisions of the	provisions of the	Materials	Convention.	provisions of the	Materials		
	Law of t		convention		8.2 Define the	convention			
	i) Base		3) Define the cardinal		following	3) Define the cardinal			
	,	nal Waters and	terminologies in		within the	terminologies in			
		torial Sea	the Law of the Sea.		provisions of the	the Law of the Sea.			
	/	national Straits	4) State the		Law of the Sea:	4) State the			
		ipelagoes	requirements for		i) Baselines	requirements for			
	· ·	iguous Zone	the registrations of		ii) Internal Waters	the registrations of			
	/	inental Shelf	ships within the		and Territorial	ships within the			
	<i>'</i>	usive Economic	provisions of the		Sea	provisions of the			
	Zone		Law of the sea.		iii) International	Law of the sea.			
	viii) Fishe				Straits				
	ix) Passa	C			iv) Archipelagoes				
		requirements for			v) Contiguous Zone				
		tration of ships			vi) Continental Shelf				
		ne provisions of the			vii)Exclusive				
	law of th	ie sea			Economic Zone				
					viii) Fisheries				
					ix) Passages 8.3 State the				
					requirements for				
					the registration of ships within				
					the provisions of				
					the law of the sea				
					the law of the sea				

**COURSE TITLE:** MARITIME LAW I I

CODE: SHM 225

**CREDIT UNITS: 2** 

**DURATION:** ONE SEMESTER

**GOAL:** This course is designed to provide the student with additional knowledge of the laws

affecting shipping to enable him communicate intelligently on points of law with professional

lawyers when problems occur.

## **GENERAL OBJECTIVES:**

- 1.0 Understand the need for and the procedures of maritime arbitration.
- 2.0 Understand towage and salvage contracts.
- 3.0 Understand collision law and related international agreements.
- 4.0 Understand the limitation of a carrier's liability.
- 5.0 Understand the role of third parties in shipping operations.
- 6.0 Understand conflict of laws as it relates to contracting parties of different nationalities.
- 7.0 Understand Oil Pollution Liability.

PROGRAMME: NATIONAL INNOVATION DIPLOMA IN SHIPPING MANAGEMENT								
COURS	SE: MARITIME LAW I I		COURSE	CODE: SHM 225	CONTACT HOURS:	2		
COAT	This source is designed to	o provide the etude	 	ditional knowledge a	of the level offerting	a abianina		
GOAL:	GOAL: This course is designed to provide the student with additional knowledge of the laws affecting shipping to enable him communicate intelligently on points of law with professional lawyers when problems occur.							
COLLEG					lawyers when prob	iems occur.		
	SE SPECIFICATION: Theoret			ractical Contents:				
	Objectives: 1.0 Understand	<u>.                                      </u>						
Week	Specific learning objective	<b>Teacher Activities</b>	Learning	Specific Learning	Teacher Activities	Learning		
			Resource	Objective		Resource		
1-2	1.1 Define the following:	1) Define common	Textbooks	1.1Define the	1) Define common	Textbooks		
	Arbitration	terms in maritime		following:	terms in maritime	_		
	Arbitration agreement	arbitration	Journals	i) Arbitration	arbitration	Journals		
	Arbitrator	2) List various		ii) Arbitration	2) List various			
	Reference	shipping contracts	Law	agreement	shipping contracts	Law Report		
	Award	that may result in	Report	iii) Arbitrator	that may result in			
	Umpire	litigious matters		iv) Reference	litigious matters			
	Umpirage	3) Explain maritime		v) Award	3) Explain maritime			
	1.2 List various shipping	arbitration		vi) Umpire	arbitration			
	contracts that may provide	procedures.		vii) Umpirage	procedures.			
	litigious matters to be			1.2 List various				
	referred to arbitration.			shipping contracts				
	1.6 State the main advantages			that may provide				
	and disadvantages of			litigious matters to				
	arbitration.			be referred to				
	1.7 Describe the various			arbitration.				
	methods of referring to			1.3 State the main				
	arbitration.			advantages and				
	1.8 Explain how the			disadvantages of				
	proceedings and award or			arbitration.				

	umpirage of an arbitration			1.4 Describe the		
	are carried out.			various methods		
	1.6 State examples of cases			of referring to		
	arising from clauses in			arbitration.		
	contracts of carriage that			1.5 Explain how the		
	may be referred to			proceedings and		
	arbitration			award or		
				amperage of an		
				arbitration are		
				carried out.		
				1.6 State examples of		
				cases arising from		
				clauses in		
				contracts of		
				carriage that		
				may be referred to		
				arbitration		
General	Objectives: 2.0 Understand	towage and salvage o	contracts.	1		
3-4	2.1 Define a towage contract.	1) Define towage	Document	2.1 Define a towage	1) Define towage	Document of
	2.2 Explain the implied	contract	of Lloyd's	contract.	contract	Lloyd's open
	warrant of fitness of a tug in	2) Explain warrant of	open form	2.2 Explain the	2) Explain warrant	form of
	respect of a towage contract.	fitness of tug.	of	implied warrant of	of fitness of tug.	standard
	2.3 Explain the circumstances	3) Explain	standard	fitness of a tug in	3) Explain	agreement
	under which a tug under a	obligations of the	agreement	respect of a towage	obligations of the	
	towage contract may	tow and the tug.	agreement	contract.	tow and the tug.	Journals
	become entitled to salvage.	4) Explain the	Journals	2.3 Explain the	4) Explain the	Law Report
	2.4Explain the obligations of	liabilities of the	Law	circumstances	liabilities of the	Textbooks
	the tow during a towage			under which a tug		TEATOORS
		tug.	Report	_	tug.	
	operation, consequent	5) Define salvage	Textbooks	under a towage	5) Define salvage	
	upon a towage contract.	6) Explain the		contract may	6) Explain the	

2.5Explain the liabilities to	conditions for	become entitled to	conditions for	
which a tug may be	salvage reward	salvage.	salvage reward	
subject under a towage		2.4Explain the		
contract for salvage award.		obligations of		
2.6 Define salvage.		the tow during a		
2.7 List the conditions which		towage operation,		
must be fulfilled before the		consequent upon a		
rescue of a maritime		towage contract.		
property can give rise to a		2.5Explain the		
valid claim for a salvage		liabilities to which		
award.		a tug may be		
2.8Explain the conditions		subject under a		
listed in 2.7 above		towage contract		
		for salvage award.		
		2.6 Define salvage.		
		2.7 List the conditions		
		which must be		
		fulfilled before the		
		rescue of a maritime		
		property can give		
		rise to a valid claim		
		for a salvage award.		
		2.8Explain the		
		conditions		
		listed in 2.7 above		

Genera	General Objectives: 3.0 Understand collision law and related international agreements.						
5-6	3.1Explain the tortuous nature	1) Explain why	Textbooks	Explain the tortuous	1) Explain why	Textbooks	
	of marine collisions.	collision is a tort		nature of marine	collision is a tort		
	3.2State which authorities	2) Explain the roles	Journals	collisions.	2) Explain the roles	Journals	
	may institute an inquiry,	of the actors in		State which	of the actors in		
	after a collision and the	collision	Law	authorities may	collision	Law Repots	
	purpose of an inquiry.	investigation.	Repots	institute an inquiry,	investigation.		
	3.3 List the actors likely to be	3) Explain the		after a collision and	3) Explain the		
	involved in a case where	principle of		the purpose of an	principle of		
	there has been a collision	vicarious liability.		inquiry.	vicarious liability.		
	between two vessels.	4) Explain liabilities		List the actors likely	4) Explain liabilities		
	3.4 Explain the roles of the	for collision		to be involved in a	for collision		
	actors listed in 3.3 above.	damage.		case where there has	damage.		
	3.5 Explain the principle of			been a collision			
	vicarious liability as it			between two vessels.			
	relates to marine collisions.			Explain the roles of			
	3.6 Explain how liability for			the actors listed in 3.3			
	damage or loss resulting			above.			
	from collision is			Explain the principle			
	established.			of vicarious liability			
				as it relates to marine			
				collisions.			
				Explain how liability			
				for damage or loss			
				resulting from			
				collision is			
				established.			

Genera	General Objectives: 4.0 Understand the limitation of a carrier's liability.						
7-8	4.1 Explain how a ship owner	1) Explain the	Hague	4.1 Explain how a	1) Explain the	Hague Visby	
	may be designated a	liabilities of the	Visby	ship owner	liabilities of the	Rules	
	private carrier under a	ship owner as a	Rules	may be	ship owner as a		
	time charter.	private or a		designated a	private or a	Hamburg	
	4.2 State how a private carrier	common carrier.	Hamburg	private carrier	common carrier.	Rules	
	may relieve himself from	2) Explain limitation	Rules	under a	2) Explain limitation		
	specified liabilities.	of liabilities of		time charter.	of liabilities of	Journals.	
	4.3 Explain how a common	both private and	Journals.	4.2 State how a	both private and		
	carrier may mitigate the	common carriers.		private carrier	common carriers.		
	strict liability under	3) Explain the		may relieve	3) Explain the		
	common law and the	provisions of the		himself from	provisions of the		
	attitude of law courts to	Hague Visby Rules		specified	Hague Visby		
	this practice.	4) Explain the		liabilities.	Rules		
	4.4 State the conditions under	provisions of		4.3 Explain how a	4) Explain the		
	which a carrier may not be	Hamburg Rules.		common	provisions of		
	liable for loss or damage			carrier may	Hamburg Rules.		
	under the provisions of			mitigate the			
	The Hague Visby Rules.			strict liability			
	4.5 State the limitation of a			under common			
	carrier's liability under the			law and the			
	provisions of the Hamburg			attitude of law			
	Rules			courts to this			
	4.6 State how a carrier may			practice.			
	lose his right to limit			4.4 State the			
	liability, under the			conditions under			
	provisions of the Hamburg			which a carrier			
	Rules			may not be			
				liable for loss or			
				damage under the			

provisions of
The Hague Visby
Rules.
4.5 State the
limitation of a
carrier's liability
under the
provisions of the
Hamburg Rules
4.6 State how a carrier
may
lose his right to
limit liability,
under the
provisions of the
Hamburg Rules

Genera	General Objectives: 5.0 Understand the role of third parties in shipping operations.						
9-10	5.1 Describe the functions and	1) Describe the	Hague	5.1 Describe the	1) Describe the	Hague	
	mode of employment of	functions of	Visby	functions and	functions of	Visby	
	Stevedores in a port or	stevedores in port	Rules	mode of	stevedores in port	Rules	
	terminal	or terminal		employment of	or terminal		
	5.2 Explain how a ship owner	employment.	Hamburg	Stevedores in a	employment.	Hamburg	
	may be held liable for	2) Explain the	Rules	port or terminal	2) Explain the	Rules	
	damage to cargo caused by	liabilities of the		5.2 Explain how a	liabilities of the		
	stevedores.	ship owner to third	Journals.	ship owner may	ship owner to third	Journals.	
	5.3 Explain how an owner or	parties.		be held liable for	parties.		
	chatterer may claim	3) Explain the		damage to cargo	3) Explain the		
	indemnity from a	indemnity of the		caused by	indemnity of the		
	stevedoring firm.	stevedoring firm to		stevedores.	stevedoring firm to		
	5.4 State when a port authority	the chatterer or the		5.3 Explain how an	the chatterer or the		
	or terminal operators may	ship owner.		owner or chatterer	ship owner.		
	be held liable for damage	4) State the liabilities		may claim	4) State the liabilities		
	caused by stevedores.	of the port		indemnity from a	of the port		
	5.5 Explain the liability of	authority.		stevedoring firm.	authority.		
	harbour and terminal	5) State the liabilities		5.4 State when a port	5) State the liabilities		
	operators with respect to	of the harbour and		authority or	of the harbour and		
	the safety of ships in the	terminal operators.		terminal operators	terminal operators.		
	harbour or terminal	6) State the liabilities		may be held	6) State the liabilities		
	5.6State conditions under	of the ship owner's		liable for damage	of the ship owner's		
	which a ship owner may be	agents.		caused by	agents.		
	held liable for the actions	7) State of the		stevedores.	7) State of the		
	of his nominated agent.	conditions for the		5.5 Explain the	conditions for the		
	5.7 State the conditions, which	release of cargoes		liability of	release of cargoes		
	must be fulfilled before an	to the consignee.		harbour and	to the consignee.		
	owner, or chatterer can			terminal operators			
	release cargo to freight			with respect to			

	forwarder on behalf of a			the safety of ships		
	consignee.			in the harbour or		
				terminal		
				5.6 State conditions		
				under which a		
				ship owner may		
				be held liable for		
				the actions of his		
				nominated agent.		
				5.7 State the		
				conditions, which		
				must be fulfilled		
				before an owner,		
				or chatterer can		
				release cargo to		
				freight forwarder		
				on behalf of a		
				consignee.		
Genera	Objectives: 6.0 Understan	d conflict of laws as	it relates to c		different nationalities	S.
11.	6.1 State the need for a	1) Explain conflict of	Text books	6.1 State the need for	1) Explain conflict of	Text
	jurisdiction clause to be	jurisdiction		a jurisdiction	jurisdiction	books
	inserted in contracts	clauses in	Journals.	clause to be	clauses in	
	involving parties of	contracts.		inserted in	contracts.	Journals.
	different nationalities	2) State laws	Hamburg	contracts	2) State laws	
	6.2 State the need to specify	governing	Rules	involving parties	governing	Hamburg
	the law governing a	interpretation,		of different	interpretation,	Rules
	contract: its interpretation,	validity and mode		nationalities	validity and mode	
	validity and mode of	of performance of		6.2 State the need to	of performance of	
	performance.	contracts.		specify the law	contracts.	
	6.3 Explain the dangers			governing a		

	invo	olved in assenting to			contract: its		
		sdiction in the country			interpretation,		
		ne other party to a			validity and mode		
		ract.			of performance.		
	Com	ract.			6.3 Explain the		
					dangers involved		
					in assenting to		
					jurisdiction in the		
					3		
					country of the		
					other party to a		
		70 11 1	1 O'l D 11 .' T' 1'l	• ,	contract.		
	l Objectiv		d Oil Pollution Liabil		T	T	
12-13		ate the historical	1) Analyse some	Text books	7.1 Narrate the	1) Analyse some	Text
		ground of the	important		historical	important	books
		wing compensation	provisions of oil	Journals.	background of the	provisions of oil	
	schei		pollution liability		following	pollution liability	Journals.
	i)	International	and compensation	Hamburg	compensation	and compensation	
		Convention on	regimes.	Rules	schemes:	regimes.	Hamburg
		Civil Liability for	2) State the rights of a		i) International	2) State the rights of	Rules
		Oil Pollution	coastal state in		Convention on	a	
		Damage (CLC	mediating		Civil Liability for	coastal state in	
		Convention 1969)	pollution		Oil Pollution	mediating	
	ii)	Tanker Owners'	incidents.		Damage (CLC	pollution	
		Voluntary	3) Describe the		Convention 1969)	incidents.	
		Agreement	features of the		ii) Tanker	3) Describe the	
		Concerning	amended pollution		Owners'	features of the	
		Liability for oil	liabilities		Voluntary	amended pollution	
		pollution	conventions.		Agreement	liabilities	
		(TOVALOP) 1971.			Concerning	conventions.	
	iii)	International			Liability for oil		

Convention on the	pollution
Establishment of an	(TOVALOP)
International Fund	1971.
for oil pollution	iii) International
Damage (FUND	Convention on
Convention) 1971.	the Establishment
iv) Contract Regarding	of an
an Interim	International
Supplement to	Fund for oil
Tanker Liability for	pollution Damage
Oil Pollution	(FUND
(CRISTAL) 1971.	Convention)
7.2 State the effects of the	1971.
compensation schemes	iv) Contract
listed in 7.1 above	Regarding an
on ship owners'	Interim
liability in respect to	Supplement to
oil pollution damage.	Tanker Liability
7.3 Describe how a coastal	for Oil Pollution
state may claim	(CRISTAL) 1971.
compensation for pollution	7.5 State the effects
damage under the schemes	of the
listed in 7.1 above.	compensation
7.4 State the need for the 1984	schemes listed in
protocols to amend the	7.1 above on ship
CLC and FUND	owners' liability
Conventions	in respect to oil
	pollution
	damage.
	7.6 Describe how a
	coastal state may

claim
compensation for
pollution damage
under the
schemes listed in
7.1 above.
7.7 State the need for
the 1984
protocols to
amend the CLC
and FUND
Conventions

**COURSE TITLE: MARINE INSURANCE** 

CODE: SHM 224

**CREDIT UNITS: 3** 

**DURATION:** ONE SEMESTER

**GOAL:** This course is intended to introduce the student to the basic elements of Marine Insurance.

## **GENERAL OBJECTIVES:**

- 1.0 Understand the nature of Marine Insurance
- 2.0 Understand the principles of Marine Insurance.
- 3.0 Know Marine Insurance Markets.
- 4.0 Understand Premiums and Brokerages.
- 5.0 Understand the procedures involved in effecting Marine Insurance.
- 6.0 Know Insurable Interest.
- 7.0 Know proximate cause, marine perils and measure of indemnity.
- 8.0 Know the role and objectives of Protection and Indemnity (P and I Club).

PROGRAMME: NATIONAL INNOVATION DIPLOMA IN SHIPPING MANAGEMENT								
COURSE: MARINE INSURANCE COURSE CODE: SHM 224 CONTACT HOURS: 3								
GOAL	GOAL: This course is intended to introduce the student to the basic elements of Marine Insurance.							
-	SE SPECIFICATION: Theoreti			ractical Contents:				
Genera	Objectives: 1.0 Understand th		nsurance		<del>,</del>	<b>,</b>		
Week	Specific learning objective	Teacher Activities	Learning Resource	Specific Learning Objective	Teacher Activities	Learning Resource		
1.	<ol> <li>State the basic functions of insurance.</li> <li>Define Marine Insurance as a Contract of Indemnity.</li> <li>Describe the subject of Marine Insurance.</li> <li>Distinguish between the different types of subject matter – the ship, goods, freight profits, and liability of ship owner.</li> <li>List some of the Maritime Perils to which insurable properties could be exposed</li> </ol>	1) Explain Marine Insurance contract 2) State basic functions of insurance 3) Explain what constitutes subject matter of insurance 4) List maritime perils.	Text books Journals.	1.1 State the basic functions of insurance. 1.2 Define Marine Insurance as a Contract of Indemnity. 1.3 Describe the subject of Marine Insurance. 1.4 Distinguish between the different types of subject matter — the ship, goods, freight profits, and liability of ship owner.  1.5 List some of the	1) Explain Marine Insurance contract 2) State basic functions of insurance 3) Explain what constitutes subject matter of insurance 4) List maritime perils.	Text books Journals.		

General (	Objectives: 2.0 Understand	the principles of Mar	ine Insuran	Maritime Perils to which insurable properties could be exposed		
2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	2.1 State the Principles of Marine Insurance 2.2 Explain in detail the principle of indemnity 2.3 Explain subrogation and contribution and how they operate. 2.4 Explain the principle of Utmost Good Faith and its significance. 2.5 Explain the principle of Proximate Cause 2.6 Explain the principle of Insurable Interest. 2.7 Explain the duty of Disclosure and Representation.	1) Explain the principles of Marine Insurance and their significance. 2) Define Subrogation 3) Explain Proximate Cause 4) Explain Duty of Disclosure and Representation.	Textbooks Journals	<ul> <li>2.1 State the Principles of Marine Insurance</li> <li>2.2 Explain in detail the principle of indemnity</li> <li>2.3 Explain subrogation and contribution and how they operate.</li> <li>2.4 Explain the principle of Utmost Good Faith and its significance.</li> <li>2.5 Explain the principle of Proximate Cause</li> <li>2.6 Explain the principle of Insurable Interest.</li> <li>2.7 Explain the duty of Disclosure and Representation.</li> </ul>	1) Explain the principles of Marine Insurance and their significance. 2) Define Subrogation 3) Explain Proximate Cause 4) Explain Duty of Disclosure and Representation.	Textbooks Journals

General Objectives: 3.0 Know Marine Insurance Markets.							
3	3.1 Outline the composition of	1) Outline the	Textbooks	3.1 Outline the	1) Outline the	Textbooks	
	the Marine Insurance	composition of the	Journals	composition of the	composition of	Journals	
	Markets – insurance	Marine Insurance		Marine Insurance	the Marine		
	companies, Lloyd's	Markets.		Markets –	Insurance		
	Underwriters, private	2) Outline the roles of		insurance	Markets.		
	Underwriters, Brokers; P	insurance		companies,	2) Outline the roles		
	& I Clubs.	companies and		Lloyd's	of insurance		
	3.2 Outline the roles of	underwriters in		Underwriters,	companies and		
	insurance companies and	Marine Insurance		private	underwriters in		
	the underwriters in the	Market.		Underwriters,	Marine Insurance		
	Marine Insurance Market	3) Outline the duties		Brokers; P & I	Market.		
	3.3 (a) Outline the role of	of Brokers.		Clubs.	3) Outline the duties		
	Brokers in the Marine	4) Explain the		3.2 Outline the roles	of Brokers.		
	Insurance Market	functions of		of insurance	4) Explain the		
	(b) Explain the duties of	Protection and		companies and the	functions of		
	the Broker	Indemnity Clubs.		underwriters in the	Protection and		
	3.4 Explain Protection and			Marine Insurance	Indemnity Clubs.		
	Indemnity Clubs (P & I			Market			
	Clubs)			3.3 (a) Outline the			
				role of Brokers in			
				the Marine			
				Insurance Market			
				(b) Explain the			
				duties of			
				the Broker			
				3.4 Explain			
				Protection and			
				Indemnity Clubs			
				(P & I Clubs)			

Genera	Objectives: 4.0 Understand	Premiums and Broke	rages.			
4.	4.1Define Premiums	1) Define Premiums	Textbooks	4.1Define Premiums	1) Define Premiums	Textbooks
	4.2 State the factors that can	and Brokerages	Journals	4.2 State the factors	and Brokerages	Journals
	affect the amount	2) Explain in detail		that can affect	2) Explain in detail	
	of premium	the components of		the amount of	the components	
	4.3Explain when premium is	premium.		premium	of	
	payable and who is	3) Explain in detail		4.3 Explain when	premium.	
	responsible for payment.	what constitutes		premium is	3) Explain in detail	
	4.4 State the effect of	brokerage.		payable and who	what constitutes	
	acknowledgement of	4) Illustrate the		is responsible for	brokerage.	
	receipt of premium	calculation of		payment.	5) Illustrate the	
	4.5Perform calculations on	premium.		4.4State the effect of	calculation of	
	premium			acknowledgement	premium.	
	4.6Explain Return Premium			of receipt of		
	and when			premium		
	premium can be returned.			4.5 Perform		
	4.7 Explain Brokerage and its			calculations on		
	significance			premium		
	4.8Explain the broker's right			4.6 Explain Return		
	of lien and brokerage after			Premium and		
	effecting a marine policy			when premium		
				can be returned.		
				4.7 Explain		
				Brokerage and its		
				significance		
				4.8 Explain the		
				broker's right		
				of lien and		
				brokerage after		
				effecting a marine		
				policy.		

General Objectives: 5.0 Understand the procedures involved in effecting Marine Insurance.							
5.	<ul> <li>5.1 State the parties involved in effecting Marine Insurance – the assured (Proposer) the broker and the Underwriter (Insurer)</li> <li>5.2 Explain the use of the "Original Slip" in effecting Marine Insurance.</li> <li>5.3 Explain the significance/effect of the "Slip".</li> <li>5.4 Outline the importance of the Cover Note and the Marine Policy</li> </ul>	1) State the parties involved in effecting marine insurance 2) Explain the uses of some documents in marine insurance	Textbooks Journals		1) State the parties involved in effecting marine insurance 2) Explain the uses of some documents in marine insurance	Textbooks Journals	
General	Objectives: 6.0 Know Insurat	ole Interest.		, , ,		<u>I</u>	
6.	<ul> <li>6.1 Explain the principle of insurable interests.</li> <li>6.2 State the essentials of insurable interests</li> <li>6.3 Explain when insurable interests must attach</li> <li>6.4 Describe the kinds of</li> </ul>	<ol> <li>State the essentials of insurable interests</li> <li>State when insurable interest attaches</li> <li>Mention types of</li> </ol>	Textbooks Journals	<ul><li>6.1 Explain the principle of insurable interests.</li><li>6.2 State the essentials of insurable interests</li><li>6.3 Explain when</li></ul>	<ol> <li>State the         essentials of         insurable         interests</li> <li>State when         insurable interest         attaches</li> </ol>	Textbooks Journals	

	insurable interests.	insurable interest.		insurable interests	5) Mention types of	
				must attach	insurable interest.	
				6.4 Describe the kinds		
				of insurable		
				interests.		
Genera	l Objectives: 7.0 Know proxir	nate cause, marine pe	erils and me	easure of indemnity.		
	7.1 Expatiate on the meaning	1) Give examples of	Textbooks	7.1 Expatiate on the	1) Give examples of	Textbooks
7-8	of proximate cause with	proximate cause.	Journals	meaning of	proximate cause.	Journals
	examples	2) Explain the		proximate cause	2) Explain the	
	7.2 Explain the meaning of	differences		with examples	differences	
	remote cause and	between remote		7.2 Explain the	between remote	
	concurrent cause.	cause and		meaning of remote	cause and	
	7.3 Distinguish between	concurrent		cause and	concurrent	
	proximate cause,	causes.		concurrent cause.	causes.	
	remote cause and	3) Explain marine		7.3 Distinguish	3) Explain marine	
	concurrent causes with	perils with		between	perils with	
	examples.	examples.		proximate cause,	examples.	
	7.4 Define marine perils with	4) Explain the types		remote cause and	4) Explain the types	
	examples – war perils,	of losses in marine		concurrent causes	of losses in marine	
	pirates, thieves, captures,	insurance.		with examples.	insurance.	
	seizures, restraints,			7.4 Define marine		
	detainment of princes,			perils with		
	jettison, barattery.			examples – war		
	7.5 Explain total loss			perils, pirates,		
	constructive total loss,			thieves, captures,		
	particular average,			seizures,		
	loss/partial loss in Marine			restraints,		
	Insurance Protection and			detainment of		
	Indemnity Associations			princes, jettison,		
				barattery.		

				7.5 Explain total loss constructive total loss, particular average, loss/partial loss in Marine Insurance Protection and Indemnity Associations		
General	Objectives: 8.0 Know the ro	le and Objectives of I	Protection a	and Indemnity (P and	I Club).	
9-10	8.1Explain the meanings of protection and indemnity associations – Mutual Insurance Associations. 8.2 Outline the rules of protection and indemnity associations with reference to a particular one. 8.3 Outline the risks covered by protection and indemnity associations. 8.4 Explain the term "Call Fee" (contributions) paid by members to the associations. 8.5Explain claims procedures. 8.6Describe the role of P & I clubs in the provision of	1) Explain the role of Protection and Indemnity Associations. 2) Outline the procedure of a particular P & I club. 3) Outline the risks covered by P & I associations. 4) Explain some important terms in mutual insurance. 5) Explain claims procedures. 6) Describe the role of P & I clubs in	Textbooks Journals	8.1Explain the meanings of protection and indemnity associations – Mutual Insurance Associations. 8.2 Outline the rules of protection and indemnity associations with reference to a particular one. 8.3 Outline the risks covered by protection and Indemnity associations.	<ol> <li>Explain the role of Protection and Indemnity Associations.</li> <li>Outline the procedure of a particular P &amp; I club.</li> <li>Outline the risks covered by P &amp; I associations.</li> <li>Explain some important terms in mutual insurance.</li> <li>Explain claims procedures.</li> <li>Describe the role of P &amp; I clubs in</li> </ol>	Textbooks Journals
	security and guarantees.	provision of security and		8.4 Explain the term "Call Fee"	provision of security and	

guarantees	(contributions)	guarantees	
	paid by members		
	to the		
	associations.		
	8.5Explain claims		
	procedures.		
	8.6Describe the role		
	of P & I		
	clubs in the		
	provision of		
	security and		
	guarantees.		

**COURSE TITLE: PRINCIPLES AND PRACTICE OF SHIPPING** 

CODE: SHM 222

**CREDIT UNITS: 3** 

**DURATION:** ONE SEMESTER

**GOAL:** This course is designed to enable the student develop a sound understanding of the ethics

and practice of shipping business.

## **GENERAL OBJECTIVES:**

- 1.0 Understand the basic activities in shipping with allied industries.
- 2.0 Know the historical development of shipping.
- 3.0 Know the ship types and cargoes.
- 4.0 Know cargo carriers
- 5.0 Know documents used in shipping.
- 6.0 Understand load lines and draft.

- 7.0 Know agencies and statutory bodies involved in shipping.
- 8.0 Understand coulanarization and intermodal transport.
- 9.0 Understand office organization in shipping.
- 10.0 Understand incoterms and essential shipping terms.

COURSE: SHIPPING PRACTICE I COURSE CODE: SHM 222 CONTACT HOURS: 3

GOAL: This course is designed to enable the student develop a sound understanding of the ethics and practice

of shipping business.

COURSE SPECIFICATION: Theoretical Contents:

Practical Contents:

General Objectives: 1.0 Understand the basic activities in shipping with allied industries.

Week	Specific learning objective	<b>Teacher Activities</b>	Learning Resource	Specific Learning Objective	<b>Teacher Activities</b>	Learning Resource
			Resource	Objective		Resource
	1.1 State the basic activities in shipping.	1) Explain the basic activities in a	Textbooks Lecture	1.1 State the basic activities in	1) Explain the basic activities in a	Textbooks Lecture
		shipping: a) Stevedoring b) Transport	Materials.	shipping.	shipping: a) Stevedoring b) Transport	Materials.
		c) Warehousing d) Chartering and			c) Warehousing d) Chartering and	
		Brokerage. e) Any other.			Brokerage. e) Any other.	
	1.2 State the relationship of	2) Describe the relationship of			2) Describe the relationship of	
	shipping with allied industries.	shipping with allied industries:		1.2 State the relationship of	shipping with allied industries:	
		<ul><li>a) Manufacturing</li><li>b) Insurance</li></ul>		shipping with allied industries.	<ul><li>a) Manufacturing</li><li>b) Insurance</li></ul>	
		c) Banks d) Any other.			c) Banks d) Any other.	

2.1 Explain the history of	1) Discuss the	Textbooks	2.1 Explain the history	1) Discuss the	Textbooks
shipping.	development of	Lecture	of shipping.	development of	Lecture
	shipping from	Materials.		shipping from	Materials.
	origin shipping			origin shipping	
	2) Explain the need			2) Explain the	
	for shipping			need	
	services.			for shipping	
2.2 State the need for	a) Transportation		2.2 State the need for	services.	
shipping.	b) Warehousing		shipping.	a) Transportation	
	c) Documentation			b) Warehousing	
	d) Freight forwarding			c) Documentation	
	e) Logistics			d) Freight	
	f) Any other.			forwarding	
				e) Logistics	
2.3 Identify major problems in	3) Explain the		2.3 Identify major	f) Any other.	
the shipping industry.	problems associated		problems in the		
	with the shipping		shipping industry.	3) Explain the	
	industry.			problems	
				associated with the	
				shipping industry.	

General Objectives: 3.0 Know the ship types and cargoes.							
3.1 Explain the types of ships.	1) Discuss the types	Textbooks	3.1 Explain the types of	1) Discuss the types	Textbooks		
	of ships.	Lecture	ships.	of ships.	Lecture		
3.2 State the types of Cargo	2) Explain the various	Materials	3.2 State the types of	2) Explain the	Materials		
and their classes.	types of cargo and		Cargoand their	various			
	their classes.		classes.	types of cargo and			
3.3State what is stowage plan.	3) Explain what is		3.3 State what is	their classes.			
	stowage plan.		stowage plan.	3) Explain what is			
3.4 Identify the methods for	4) Explain the		3.4 Identify the	stowage plan.			
stowage plan.	methods of		methods for	4) Explain the			
	stowage plan on		stowage plan.	methods of			
	vessels,			stowage plan on			
	considering:			vessels,			
	a) Stability			considering:			
	b) Port of			a) Stability			
	discharge			b) Port of			
	c) Draught			discharge			
	d) Types of			c) Draught			
	Cargoes			d) Types of			
	e) Any other.			Cargoes			
				e) Any other.			

General Objectives: 4.0 Know car	General Objectives: 4.0 Know cargo carriers.							
4.1 Identify different types of	1) Explain the	Textbooks	4.1 Identify different	1) Explain the	Textbooks			
ships and the cargo they	different types of	Lecture	types of ships and the	different types of	Lecture Materials			
carry.	ships and their Cargo	Materials	cargo they carry.	ships and their Cargo				
	type.			type.				
	a) Containerised.			a) Containerised.				
4.2 State the types of	b) RORO ship		4.2 State the types of	b) RORO ship				
equipments used in	c) Tanker ship		equipments used in	c) Tanker ship				
discharging Cargoes from	d) Any other.		discharging Cargoes	d) Any other.				
ship.			from ship.					
	4.3 Explain the types			4.3 Explain the types				
	of equipments			of equipments				
	used in			used in				
	discharging			discharging				
	Cargoes from the			Cargoes from the				
	ship.			ship.				
	a) Though Crane			f) Though Crane				
	b) " Derricks			g) " Derricks				
	c) " Fork lift			h) " Fork lift				
	d) "Freight			i) "Freight				
	lifter			lifter				
	e) Any other.			j) Any other.				
	c) Ally oulci.			j) Any onici.				

5.1 State the different	1) Explain the	Textbooks	5.1 State the different	1) Explain the	Textbooks
documents used in	documents used in	Lecture	documents used in	documents used in	Lecture Materia
shipping.	shipping:	Materials	shipping.	shipping:	
	a) Bill of shipping			a) Bill of shipping	
	b) Invoice			b) Invoice	
	c) Ship Manifest			c) Ship Manifest	
	d) Mate Receipt. Etc.			d) Mate Receipt. Etc.	
	2) Explain the			2) Explain the	
	functions of Bill of			functions of Bill of	
5.2 State the functions of Bill	lading of types.		5.2 State the functions of	lading of types.	
of lading and types.	3) Explain the various		Bill of lading and	3) Explain the various	
	rules on the		types.	rules on the	
	carriage of goods			carriage of goods	
	by sea:			by sea:	
	a) Hague Rules			a) Hague Rules	
	b) Hague Visby Rules			b) Hague Visby Rules	
	c) Hamburg Rules.			c) Hamburg Rules.	

General Objectives: 6.0 Understand load lines and draft.								
6.1 Explain load lines and draft.  6.2 Describe the development of load line and draft in relations to IMO's convention on load line.	1) Discuss the importance of load lines and draft. 2) Explain the development of Load line and draft with IMO's Convention in view. 3) Explain classification societies: a) Uoyd's b) American Beareau of shipping c) Beareau veritas d) Germanischer Uoyd's etc.	Textbooks Lecture Materials	<ul> <li>6.1 Explain load lines and draft.</li> <li>6.2 Describe the development of load line and draft in relations to IMO's convention on load line.</li> </ul>	1) Discuss the importance of load lines and draft. 2) Explain the development of Load line and draft with IMO's Convention in view. 3) Explain classification societies: a) Uoyd's b) American Beareau of shipping c) Beareau veritas d) Germanischer Uoyd's etc.	Textbooks Lecture Materials			

	1) Exalsia the		T	ncies and statutory b	
<sub>+</sub> ,	1) Explain the	7.1 State the various agencies	T .	1) Explain the	7.1 State the various agencies
Lecture	Various agencies	involved in shipping:	Lecture	Various agencies	involved in shipping:
Note/	involved in	iii. International	Note/	involved in	i. International
Materials	shipping Wally	iv. Local	Materials	shipping Wally	ii. Local
	and	7.2 State the roles they play in		and	7.2 State the roles they play in
	Internationally:	International trade.		Internationally:	International trade.
	a) NIMASA	7.3 State various Legislations in		a) NIMASA	7.3 State various Legislations
	b) NSC	shipping.		b) NSC	in shipping.
	c) NPA			c) NPA	
	d) IMO			d) IMO	
	e) Chambers of			e) Chambers of	
	Shipping etc.			Shipping etc.	
	2) Explain the			2) Explain the	
	Roles they plan in			Roles they plan in	
	International trade.			International trade.	
	3) Explain the			3) Explain the various	
	various			legislations in	
	legislations in			shipping.	
	shipping.			a) Cabotage Act	
	a) Cabotage Act			2003.	
	2003.				
				′	
	· ·			<i>'</i>	
	1			=, 1 <u>111</u>	
	2003. b) ISPS Code c) SOLAS d) Any other.			b) ISPS Code c) SOLAS d) Any other.	

General Objectives: 8.0 Understand coulanarization and intermodal transport.								
<ul> <li>8.1 Define coulanarization.</li> <li>8.2 State the various types of containers, their uses, merit and demerits.</li> <li>8.3 State the different modes of transport.</li> <li>8.4 Explain Intermodal and multimodal transport.</li> </ul>	<ol> <li>Discuss the concept of coulanarization in international transport.</li> <li>Explain the types, uses, merit and demerits of containers.</li> <li>Explain the different types of transport.</li> <li>Discuss the following modal concepts:         <ul> <li>Internamodal</li> <li>Multimodal</li> </ul> </li> </ol>	Textbooks and Lecture Note.	<ul> <li>8.1 Define coulanarization .</li> <li>8.2 State the various types of containers, their uses, merit and demerits.</li> <li>8.3 State the different modes of transport.</li> <li>8.4 Explain Intermodal and multimodal transport.</li> </ul>	<ol> <li>Discuss the concept of coulanarization in international transport.</li> <li>Explain the types, uses, merit and demerits of containers.</li> <li>Explain the different types of transport.</li> <li>Discuss the following modal concepts:         <ul> <li>Internamodal</li> <li>Multimodal</li> </ul> </li> </ol>	Textbooks and Lecture Note.			

General Objectives: 9.0 Understan	d office organization	in shipping.			
9.1 Out line the types of job operation performed by a shipping agency or ship owners head office.  9.2 Describe various office organization suitable for a shipping agency.  9.3 State the requirements and procedure for the employment of key officers in a shipping organisations.  9.4 State the relevance of job description and evaluation when considering persons for employment.  9.5 State the role and functions of managers in a shipping organization.	1) Outline the types of job operations performed by a shipping organisation/company. 2) State the requirements and procedures for employment of key officers of shipping organization. 3) Carryout visit to shipping Companies to understand their oragnisational set-up. 4) State the relevance of Job description and evaluation to the recruitment of staff. 5) Examine the roles and functions of managers in a shipping	- Freight table - Math's set - Scientific Calculator	<ul> <li>9.1 Out line the types of job operation performed by a shipping agency or ship owners head office.</li> <li>9.2 Describe various office organization suitable for a shipping agency.</li> <li>9.3 State the requirements and procedure for the employment of key officers in a shipping organisations.</li> <li>9.4 State the relevance of job description and evaluation when considering persons for employment.</li> <li>9.5 State the role and functions of managers in a shipping organization.</li> </ul>	1) Outline the types of job operations performed by a shipping organisation/company. 2) State the requirements and procedures for employment of key officers of shipping organization. 3) Carryout visit to shipping Companies to understand their oragnisational set-up. 4) State the relevance of Job description and evaluation to the recruitment of staff. 5) Examine the roles and functions of managers in a shipping	- Freight table - Math's set - Scientific Calculator

		organisation.			organisation.					
Genera	General Objectives: 10.0 Understand incoterms and essential shipping terms.									
3-5	Incoterms used in International tarde.  10.2 State factors determining choice of Incoterms in International trade.  10.3 Ex[plain Incoterms and non-Incoterms used in carriage of goods by Sea Act.	1) Explain the various Incoterms used in shipping e.g. F.O.B., CIF, C &F Ex-works. 2) Explain the various factors that will warrant a shipper to choose an Incoterm. 3) Explain and differentiate the incoterms and non-incoterms e.g. C.F, FOB, ex-warehouse, ex-works etc.	Textbooks Lecture Materials.	Incoterms used in International tarde.  10.2 State factors determining choice of Incoterms in International trade.  10.3 Ex[plain Incoterms and non-Incoterms used in carriage of goods by Sea Act.	1) Explain the various Incoterms used in shipping e.g. F.O.B., CIF, C &F Ex-works. 2) Explain the various factors that will warrant a shipper to choose an Incoterm. 3) Explain and differentiate the incoterms and non-incoterms e.g. C.F, FOB, ex-warehouse, ex-works etc.	Textbooks Lecture Materials.				

**COURSE TITLE:**PORT OPERATIONS AND MANAGEMENT I

CODE: SHM 124

**CREDIT UNITS: 3** 

**DURATION:** ONE SEMESTER

**GOAL:** This course is designed to make the student conversant with the role and functions of

seaports, documentation, and container terminal as well as bulk terminal operations, types of

storage facilities required and safety measures necessary in port operations.

## **GENERAL OBJECTIVES:**

- 1.0 Understand the role and functions of seaport in socio-economic development
- 2.0 Understand the economics of port design and layout
- 3.0 Know transportation and shipping documentation in ports
- 4.0 Know different types of cargo handling equipment used in ports.
- 5.0 Know storage techniques and organization in ports.
- 6.0 Know how to supervise general cargo operations in ports.

- 7.0 Understand container terminal operations.
- 8.0 Understand bulk terminal operations.
- 9.0 Know methods of supervision in port operations.
- 10.0 Know port safety measures.

PROGE	RAMME: NATIONAL INNO	ING MANAGEMEN	Γ			
COURS	SE: PORT OPERATIONS	AND	COURSE	CODE: SHM 124	CONTACT HOURS: 3	
MANAGEMENT I						
<b>GOAL:</b>	This course is designed	to make the studen	t conversa	ant with the role and	functions of seaports	5,
	documentation, and cont	tainer terminal as w	ell as bulk	terminal operations	, types of storage fac	cilities
	required and safety mea	sures necessary in	port opera	ations.		
COURS	SE SPECIFICATION: Theoretic	ical Contents:	Pı	actical Contents:		
General	Objectives: 1.0 Understan	d the role and function	ons of seapo	ort in socio-economic	development	
Week	Specific learning objective	<b>Teacher Activities</b>	Learning	<b>Specific Learning</b>	<b>Teacher Activities</b>	Learning
			Resource	Objective		Resource
1-3	<ul> <li>1.1 Define seaport.</li> <li>1.1 Explain the relationship between the port and the national economy.</li> <li>1.2 Explain the role of ports in international trade</li> <li>1.3 State the functions of ports as points of entry/exit of goods.</li> <li>1.4 State the functions of the port as the focal point of commercial and industrial development.</li> <li>1.5 Explain the role of the port</li> </ul>	<ol> <li>Define sea port</li> <li>Explain the functions of sea port.</li> <li>Describe the role of ports in international trade.</li> <li>Explain the role of a port as a foreign exchange earner for the national economy.</li> </ol>		<ul> <li>1.1 Define seaport.</li> <li>1.2 Explain the relationship between the port and the national economy.</li> <li>1.3 Explain the role of ports in international trade</li> <li>1.4 State the functions o ports as points of entry/exit of goods.</li> <li>1.5 State the functions o the port as the focal point of commercial</li> </ul>	port. 3) Describe the role of ports in international trade. 4) Explain the role of a port as a foreign exchange earner for the	
	as an instrument of national development			and industrial development.		

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				1.6 Explain the role of		
				the port as an		
				instrument of national		
				development		
General	l Objectives: 2.0 Understan	d the economics of p	ort design a	and layout		
2-4	2.1 State the types of goods	1) Cite examples of		2.1 State the types of	1) Cite examples of	
	handled in ports	general cargo,		goods handled in	general cargo,	
	2.2 Describe various types of	bulk and liquid.		ports	bulk and liquid.	
	port structures.	2) Explain the		2.2Describe various	2) Explain the	
	2.3 Describe the ownership	characteristics		types of port	characteristics	
İ	structure of ports.	and composition		structures.	and composition	
	2.4 Explain coastline and tidal	of different ports		2.3Describe the	of different ports	
	variations of proposed port	structures.		ownership structure	structures.	
	sites.	3) Explain tidal		of ports.	3) Explain tidal	
	2.5 State the size of ships that	ranges and		2.4Explain coastline and	ranges and	
	can call at various Nigerian	Variation		tidal variations of	Variation	
	Ports.	4) Explain the effects		proposed port sites.	4) Explain the effects	
		of 3 above on port		2.5State the size of ships	of 3 above on port	
		design and layout.		that can call at	design and layout.	
				various Nigerian		
				Ports.		
General	l Objectives: 3.0 Know tran	sportation and shippi	ing docume	entation in ports		
5	3.1 Explain the different ship	1) Describe the		3.1 Explain the different	1) Describe the	
	documents e.g. cargo	different ship		ship documents e.g.	different ship	
	declaration, crews' effects	and shipping		cargo declaration,	and shipping	
	declaration, ship's stores	documents.		crews' effects	documents.	
	declaration, crew list, and			declaration, ship's		
	general cargo declaration			stores declaration,		
	etc. ship's manifest.			crew list, and general		
	3.2 Explain the different			cargo declaration		

]	shipping documents e.g. Bill of Lading, cargo manifest etc.			etc. ship's manifest. 3.2 Explain the different shipping documents e.g. Bill of Lading, cargo manifest etc.		
General Obj			handling eq	uipment used in ports.		
4.2 4.3	State why different cargoes and packages need different handling equipment for efficiency. State the handling equipment required for general cargo berths. State why the handling of grains requires conveyor system, suction/bucket discharges etc State the various handling equipment used in container terminals and the reasons for their choice. State the types of handling equipment required for wet cargoes e.g. pumps, pipes etc.	Describe the various cargo handling equipment	Ship models OHP.	State why different cargoes and packages need different handling equipment for efficiency.  4.2State the handling equipment required for general cargo berths.  4.3State why the handling of grains requires conveyor system, suction/bucket discharges etc  4.4State the various handling equipment used in container terminals and the reasons for their choice.  4.5State the types of handling equipment	Describe the various cargo handling equipment	Ship models OHP.

		required for wet	
		cargoes e.g. pumps,	
		pipes etc.	

Genera	l Objectives: 5.0 Know storag	e techniques and org	anization in	ports.		
7-8	5.1 Explain why silos are	1) Explain the various	Pictures of	5.1 Explain why silos are	1) Explain the	Pictures of
	needed for storage of	methods of	Pipes	needed for storage of	various	Pipes
	grains and why they	packaging cargoes		grains and why they	methods of	
	should be moisture free.	<ul> <li>and their safety</li> </ul>		should be moisture	packaging	
	5.2 Differentiate between	requirements.		free.	cargoes	
	liquid cargo tanks and	2) Explain the various		5.2 Differentiate between	<ul> <li>and their safety</li> </ul>	
	chemical tanks.	techniques of cargo		liquid cargo tanks and	requirements.	
	5.3 Explain why warehouses	storage.		chemical tanks.	2) Explain the	
	are needed to store other	3) Explain the need		5.3 Explain why	various	
	bulk cargoes, e.g.	for segregation of		warehouses are needed	techniques of	
	packaged and palletised	cargoes on safety		to store other bulk	cargo	
	cargoes etc.	grounds.		cargoes, e.g. packaged	storage.	
	5.4 Explain why containerised	4) List safety		and palletised cargoes	3) Explain the need	
	cargo requires stacking	precautions		etc.	for segregation	
	areas, stripping and	applicable in		5.4 Explain why	of	
	consolidation areas and	storage of		containerised cargo	cargoes on safety	
	depot for empty containers	dangerous		requires stacking areas,	grounds.	
	5.5 Explain why refrigerated	cargoes.		stripping and	4) List safety	
	cargoes need cold rooms			consolidation areas and	precautions	
	and constant supply of			depot for empty	applicable in	
	electricity.			containers	storage of	
	5.6 Explain why large spaces			5.5 Explain why	dangerous	
	are required by RO-RO			refrigerated cargoes	cargoes.	
	vessels in ports for cars			need cold rooms and		
	pending Customs			constant supply of		
	clearance.			electricity.		
	5.7 Explain why dangerous			5.6 Explain why large		
	cargoes should be kept in			spaces are required by		
	designated areas away			RO-RO vessels in ports		

	from other cargoes and appropriate safety precautions adhered to.		for cars pending Customs clearance. 5.7 Explain why dangerous cargoes should be kept in designated areas away from other cargoes and
			appropriate safety precautions adhered to.
Conorol	Objectives: 6.0 Know how to	o supervise general ca	
9	<ul> <li>6.1 State the functions of a stevedoring company</li> <li>6.2 Explain the ownership structure of the cargohandling equipment in ports.</li> <li>6.3 Explain the process of hiring the services of stevedores and their assignment to vessels.</li> <li>6.4 Explain the process of clearing and release of cargo.</li> <li>6.5 Explain how to liase effectively with the customs Clearing Agents etc.</li> </ul>	1) Explain the strategic role of Stevedoring companies in Port operations. 2) Examine the ownership structure of cargo handling equipment in ports. 3) Explain the procedures and processes of clearing goods at Nigerian Ports.	6.1 State the functions of a stevedoring company 6.2 Explain the ownership structure of the cargo-handling equipment in ports. 6.3 Explain the process of hiring the services of stevedores and their assignment to vessels. 6.4 Explain the process of clearing and release of cargo. 6.5 Explain how to liase effectively with the
			customs Clearing Agents etc.

Genera	l Objectives: 7.0 Understan	d container terminal operation	ns.	
10	7.1 State the need and	1) State principal	7.1 State the need and	1) State principal
	requirements for an	features of a	requirements for	features of a
	efficient container	container terminal.	an efficient	container terminal.
	terminal.	2) Explain the	container terminal.	2) Explain the
	7.2 Explain the role of a	procedures of	7.2 Explain the role of	procedures of
	container-monitoring unit.	delivery and return of	a container-	delivery and return of
	7.3 State the average gang size	empty containers and	monitoring unit.	empty containers and
	of dockworkers at a	refund of container	7.3 State the average	refund of container
	container terminal.	deposits.	gang size of	deposits.
	7.4 Explain the need for	3) Explain the	dockworkers at a	3) Explain the
	container maintenance	manpower	container terminal.	manpower
	facilities in a port area.	requirements for	7.4 Explain the need	requirements for
		container operations.	for container	container operations.
		4) Explain the need	maintenance	4) Explain the need
		for maintenance	facilities in a port	for maintenance
		facilities in a	area.	facilities in a
		container terminal.		container terminal.
Genera		d bulk terminal operations.		
11-13	8.1 Differentiate between bulk	1) Explain	8.1 Differentiate	1) Explain
	and other types of cargo.	a) nature of cargo	between bulk and	a) nature of cargo
	8.2 Explain how bulk cargoes	b) packaging	other types of	b) packaging
	are packaged, transported,	f) Handling	cargo.	h) Handling
	discharged and stored.	methods	8.2 Explain how bulk	methods
	8.3 Estimate the types and	g) Equipments	cargoes are	i) Equipments
	quantities of cargo	used	packaged,	used
	handling equipment	e) Storage	transported,	e) Storage
	required for efficient	methods.	discharged and	methods.
	operations in a port.	2) Explain how to	stored.	2) Explain how to
	8.4 Determine the gang size	determine the gang	8.3 Estimate the types	determine the gang

	and shifts needed for smooth	size and shifts		and quantities of	size and shifts	
	operation of the terminal for	required for smooth		cargo handling	required for smooth	
	different sizes of ships	operation of the		equipment required	operation of the	
		terminal for different		for efficient	terminal for different	
		ship sizes		operations in a	ship sizes	
				port.		
				8.4 Determine the gang		
				size and shifts needed		
				for smooth operation of		
				the terminal for		
				different sizes of ships		
Genera	l Objectives: 9.0 Know met	thods of supervision i	n port operat	tions		
	9.1 State the importance of	1) Explain the	Copies of	91.State the importance	1) Explain the	Copies of
14	proper supervision at	importance of proper	clearing	of proper supervision at	importance of proper	clearing
	various levels and	supervision in ports.	documents	various levels and	supervision in ports.	documents
	departments of the port.	2) Explain how set		departments of the port.	2) Explain how set	
	9.2 Explain the vital role of set	goals and objectives		9.4 Explain the vital	goals and objectives	
	goals and objectives in	are applied in		role of set goals and	are applied in	
	achieving managerial	achieving managerial		objectives in	achieving managerial	
	effectiveness.	effectiveness.		achieving	effectiveness.	
	9.3 State why effective			managerial		
	supervision is required to			effectiveness.		
	ensure that targets are met			9.5 State why effective		
				supervision is		
				required to ensure		
				that targets are met		

Genera	l Objectives: 10.0 Know port	safety measures.				
	10.1 State the need for the	1. Explain the	Fire	10.2 State the need for	1. Explain the	Fire
15	segregation of certain	inherent dangers/	Fighting	the segregation of	inherent dangers/	Fighting
	kinds of cargo in line	problems in lumping	Equipment	certain kinds of	problems in lumping	Equipment
	with standard safety	together all types of		cargo in line with	together all types of	
	precautions.	cargo.		standard safety	cargo.	
	10.2 Establish the level of	2. List all equipment		precautions.	2. List all equipment	
	equipment required for a fire	and numbers required		10.2 Establish the level	and numbers required	
	department as well as the	for a fire department		of equipment required	for a fire department	
	constant drills.	and the level of drills		for a fire department as	and the level of drills	
		required to be able to		well as the constant	required to be able to	
		operate them		drills.	operate them	
		perfectly.			perfectly.	
		3. Explain how to			3. Explain how to	
		determine the level of			determine the level of	
		equipment required			equipment required	
		for a fire department			for a fire department	
		and the number of			and the number of	
		drills.			drills.	

**COURSE TITLE:**PORT OPERATIONS AND MANAGEMENT II

CODE: SHM 212

**CREDIT UNITS: 3** 

**DURATION:** ONE SEMESTER

**GOAL:** This course is designed to provide the student with knowledge of the manpower and physical

needs of a port, appreciate the need for cost effectiveness of a port, and be conversant with

port organization and administration.

## **GENERAL OBJECTIVES:**

- 1.0 Know manpower planning methods in ports.
- 2.0 Know physical planning in ports.
- 3.0 Know cost effectiveness and its application in ports.
- 4.0 Understand Port Organization.
- 5.0 Understand Port Management at supervisory level.
- 6.0 Understand Port Concession.

PROGRAMME: NATIONAL INNOVATION DIPLOMA IN SHIPPING MANAGEMENT							
	SE: PORT OPERATIONS		COURSE CODE: SHM 212			CONTACT HOURS: 4	
MANA	GEMENT I I						
GOAL:	This course is designed	to provide the stud	ent with kn	owledge of the ma	anpower and physi	cal needs	
	of a port, appreciate the						
	organization and admir			•	•		
COURS	SE SPECIFICATION: Theoreti		Pra	ctical Contents:			
Genera	l Objectives: 1.0 Know ma	inpower planning m	nethods in p	orts.			
Week	Specific learning objective	Teacher Activities	Learning Resource	Specific Learning Objective	<b>Teacher Activities</b>	Learning Resource	
1.	<ul> <li>1.1 State why the manpower of a port is one of the determinants of its cargothroughput</li> <li>1.2 Explain why the right calibre of staff particularly senior management is imperative for an efficient port organisation.</li> <li>1.3 State why the various departments require different categories and numbers of personnel.</li> <li>1.4 Establish the need to plan adequately for dock workers, supervisors and appropriate shifts.</li> <li>1.5 State the peculiar needs of</li> </ul>	1) Explain the meaning of manpower 2) Explain throughput 3) Explain the role of manpower in improving cargo throughput. 4) State the need for proper manpower planning Explain how efficient management staff improve port operations Explain dockworkers	Joint Dock Labour Industrial Council Act, 1999	1.6 State why the manpower of a port is one of the determinants of its cargothroughput 1.7 Explain why the right calibre of staff particularly senior management is imperative for an efficient port organisation. 1.8 State why the	1) Explain the meaning of manpower 2) Explain throughput 3) Explain the role of manpower in improving cargo throughput. 4) State the need for proper manpower planning Explain how efficient management staff improve port operations Explain dockworkers	Joint Dock Labour Industrial Council Act, 1999	

	the port with reference to	and the role of		various	and the role	
	equipment.	supervisors in		departments	of supervisors	
		the discharge		require	in the	
		of their		different	discharge of	
		activities.		categories and	their	
		Explain		numbers of	activities.	
		equipment		personnel.	Explain	
		required to		1.9 Establish the	equipment	
		perform port		need to plan	required to	
		operations.		adequately for	perform port	
				dock workers,	operations.	
				supervisors and		
				appropriate		
				shifts.		
				1.10State the		
				peculiar needs		
				of the port with		
				reference to		
				equipment.		
General	Objectives: 2.0 Know phy	ysical planning in po	orts.			
2.	2.1 Determine the physical	1) Explain how to	Political	2.3 Determine the	1) Explain how to	Political
	requirements in relation to	determine the	Map of	physical	determine the	Map of
	types of berths to be built	physical	Nigeria	requirements in	physical	Nigeria
	in a port.	requirements in		relation to types	requirements in	
	2.2 Evaluate the importance of	building births in a		of berths to be	building births in	
	road/rail net-works from	port.		built in a port.	a port.	
	ports to the hinterlands.	2) Draw a sketch of		2.4 Evaluate the	2) Draw a sketch of	
		Apapa port on the		importance of	Apapa port on the	
		board and explain		road/rail net-	board and explain	
		physical size of the		works from	physical size of	

			port. 3) With a sketch of		ports to the hinterlands.	the port. 3) With a sketch of	
			Apapa port, show			Apapa port, show	
			how the port links			how the port links	
			Kirikiri and			Kirikiri and	
			Ikorodu by water			Ikorodu by water	
			and by road/rail			and by road/rail	
			network links the			network links the	
			main land.			main land.	
General	Ohie	ectives: 3.0 Know cos	st effectiveness and	its applicat	ion in ports		
3.		Explain how managing a	1) Explain what costs	πο αρρποαί	3.1 Explain how	1) Explain what	
J.		port requires putting a lid	are and how to		managing a port	costs	
	_	on costs.	check rising costs.		requires putting	are and how to	
		Explain how preventive	2) Explain how		a lid on costs.	check rising costs.	
		maintenance of equipment	preventive		3.2 Explain how	2) Explain how	
		will save costs associated	maintenance of		preventive	preventive	
		with break-downs and	equipments will		maintenance of	maintenance of	
		unnecessary delays.	check breakdown		equipment will	equipments will	
		State why maintenance	and lead to		save costs	check breakdown	
		dredging in ports with	effectiveness and		associated with	and lead to	
		filtration problems is cost	efficiency.		break-downs	effectiveness and	
		effective.	3) Explain the need		and unnecessary	efficiency.	
		Explain why idle cargo	for maintenance		delays.	3) Explain the need	
		handling equipment and	dredging of port		3.3 State why	for maintenance	
		labour are an economic	channel to avoid		maintenance	dredging of port	
		waste	filtration.		dredging in ports	channel to avoid	
	,	waste	4) Explain economic		with filtration	filtration.	
			waste associated		problems is cost	4) Explain economic	
			with idle cargo		effective.	waste associated	
			C		3.4 Explain why idle	with idle cargo	
			handling,		5.4 Explain why late	with fale cargo	

		equipment and		cargo handling	handling,	
		labour.		equipment and	equipment and	
		5) Organise field trip.		labour are an	labour.	
				economic waste	5) Organise field	
					trip.	
General	Objectives: 4.0 Understa	nd Port Organization	on.			
4.	4.1 Explain the different	1) Illustrate the	Organisatio	4.1 Explain the	1) Illustrate the	Organisatio
	organizational structures	different port	nal charts of	different	different port	nal charts
	in ports, i.e. nationalised,	organizational	seaports.	organizational	organizational	of seaports.
	public trust, private,	structures in a		structures in	structures in a	
	regional etc.	sea port.		ports, i.e.	sea port.	
	4.2 Explain why stevedoring	2) Explain what		nationalised,	2) Explain what	
	companies may or may not	stevedoring		public trust,	stevedoring	
	own cargo handling	companies are.		private, regional	companies are.	
	equipment.	3) Explain the		etc.	3) Explain the	
	4.3 Analyse the industrial	functions of sea		4.2 Explain why	functions of sea	
	nature of ports and the	ports, export free		stevedoring	ports, export free	
	functions of export free	zones and		companies may	zones and	
	zones and commercial	commercial zones.		or may not own	commercial zones.	
	zones.	4) Explain the		cargo handling	4) Explain the	
	4.4 Explain why the port as a	advantages and		equipment.	advantages and	
	service industry should be	disadvantages of		4.3 Analyse the	disadvantages of	
	highly efficient and	government		industrial nature	government	
	financially viable.	intervention in port		of ports and the	intervention in	
	4.5 Examine the advantages	activities.		functions of	port activities.	
	and disadvantages	5) Explain the need		export free	5) Explain the need	
	of government	for a sea port to be		zones and	for a sea port to be	
	intervention in ports.	highly efficient and		commercial	highly efficient	
		financially viable.		zones.	and	
				4.4 Explain why the	financially viable.	

	I I		_	
			port as a service	
			3	
			be highly	
			efficient and	
			financially	
			viable.	
			4.5 Examine the	
			advantages and	
			disadvantages	
			of government	
			intervention in	
			ports.	
Objectives: 5.0 Understand	Port Management a	at supervis	orv level.	
5.1 State the need for		•	5.1 State the need for	1) Explain
competent managers to	′ 1		competent	management and
1	its functions.		*	its functions.
, ,	2) Draw an		•	2) Draw an
5.2 Assess the role of	Organograme of a		_	Organograme of a
management in the			5.2 Assess the role of	particular seaport
•	1 1		management in	showing levels of
<u> </u>	_		the smooth	responsibility.
- ·	3) Examine the role		running of a port.	3) Examine the role
hand to middle level	of Management in			of Management in
management in the	_		imperative to give	the smooth running
•			a free hand to	of a port.
	1 -		middle level	4) Explain why it is
•			management in	necessary to give a
	free hand to		_	free hand to
	middle			middle
	management in		1	management in
	<ul> <li>5.1 State the need for competent managers to carry out delegated responsibilities.</li> <li>5.2 Assess the role of management in the smooth running of a port.</li> <li>5.3 Explain why it is imperative to give a free</li> </ul>	5.1 State the need for competent managers to carry out delegated responsibilities.  5.2 Assess the role of management in the smooth running of a port.  5.3 Explain why it is imperative to give a free hand to middle level management in the planning and operation of ports  1) Explain management and its functions.  2) Draw an Organograme of a particular seaport showing levels of responsibility.  3) Examine the role of Management in the smooth running of a port.  4) Explain why it is necessary to give a free hand to	5.1 State the need for competent managers to carry out delegated responsibilities.  5.2 Assess the role of management in the smooth running of a port.  5.3 Explain why it is imperative to give a free hand to middle level management in the planning and operation of ports  1) Explain management and its functions.  2) Draw an Organograme of a particular seaport showing levels of responsibility.  3) Examine the role of Management in the smooth running of a port.  4) Explain why it is necessary to give a free hand to middle	Descrives: 5.0 Understand   Descrives: 5.1 State the need for competent managers to carry out delegated responsibilities.   Descrives: 5.2 Assess the role of management in the smooth running of a port.   Samplain why it is imperative to give a free hand to middle level management in the planning and operation of ports   Descrives: 5.2 Assess the role of Management in the smooth running of a port.   Descrives: 5.4 Explain why it is imperative to give a free hand to middle level management in the smooth running of a port.   Descrives: 5.4 Explain why it is imperative to give a free hand to middle   Descrives: 5.4 Explain why it is imperative to give a free hand to middle   Descrives: 5.4 Explain why it is imperative to give a free hand to middle   Descrives: 5.4 Explain why it is imperative to give a free hand to middle   Descrives: 5.4 Explain why it is imperative to give a free hand to middle   Descrives: 5.4 Explain why it is imperative to give a free hand to middle   Descrives: 5.4 Explain why it is imperative to give a free hand to middle   Descrives: 5.4 Explain why it is imperative to give a free hand to middle   Descrives: 5.4 Explain why it is imperative to give a free hand to middle   Descrives: 5.4 Explain why it is imperative to give a free hand to middle   Descrives: 5.4 Explain why it is imperative to give a free hand to middle   Descrives: 5.4 Explain why it is imperative to give a free hand to middle   Descrives: 5.4 Explain why it is imperative to give a free hand to middle   Descrives: 5.4 Explain why it is imperative to give a free hand to middle   Descrives: 5.4 Explain why it is imperative to give a free hand to middle   Descrives: 5.4 Explain why it is imperative to give a free hand to middle   Descrives: 5.4 Explain why it is imperative to give a free hand to middle   Descrives: 5.4 Explain why it is imperative to give a free hand to middle   Descrive

planning and		planning and	
operations of port.		operations of port.	

Genera	General Objectives: 6.0 Understand Port Concession					
6.	6.1 Explain:	6.1 Explain:				
	Port Concession	Port Concession				
	6.2 State the impact of	6.2 State the impact of				
	concession to the port	concession to the				
	development and the	port development				
	nation economy.	and the nation				
	6.3 State the problem	economy.				
	associated with port	6.3 State the problem				
	concession.	associated with				
		port concession.				

**COURSE TITLE: MARINE ENVIRONMENTAL PROTECTION** 

CODE: SHM 121

**CREDIT UNITS: 2** 

**DURATION:** ONE SEMESTER

**GOAL:** This course is designed to enable the student appreciate the need for the prevention of

pollution of the marine environment.

## **GENERAL OBJECTIVES:**

- 1.0 Know the causes of marine pollution.
- 2.0 Know the effects of marine pollution.
- 3.0 Know the general outline of MARPOL 73/78.
- 4.0 Know recent marine casualties resulting in large scale pollution
- 5.0 Know recent developments in tanker design aimed at preventing accidental oil pollution.

PROGRAMME: NATIONAL INNOVATION DIPLOMA IN SHIPPING MANAGEMENT						
COURSE: MARINE ENVIRONMENTAL		COURSE CODE: SHM 121		CONTACT HOURS: 2		
PROTECTION						
GOAL:						
	SE SPECIFICATION: Theoretic			ractical Contents:		
-	Objectives: 1.0 Know the ca			T		1 _
Week	Specific learning objective	Teacher Activities	Learning	Specific Learning	<b>Teacher Activities</b>	Learning
			Resource	Objective		Resource
	1.1 Describe how	1) Explain causes		1.1 Describe how	1) Explain	
	development of coastal	and sources of		development of	causes and	
	areas may cause pollution	marine pollution.		coastal areas may	sources of	
	of the marine	marine ponduon.		cause pollution of th		
	environment.			marine environment		
	1.2 Describe how discharge of			1.2 Describe how	ponution.	
	waste-water from land			discharge of waste-		
	causes pollution of the			water from land		
	marine environment.			causes pollution of		
	1.3 Explain how pollution of			the marine		
	the marine environment			environment.		
	may result from industrial			1.3 Explain how		
	wastes and disposal of			pollution of the		
	dredged material.			marine environment		
	1.4 Define harmful			may result from		
	substances/dangerous			industrial wastes and	d	
	cargoes.			disposal of dredged		
	1.5 Explain how the			material.		
	transportation of harmful			1.4 Define harmful		

substances and dangerous goods may cause marine pollution		substances/dangerous cargoes.  1.5 Explain how the transportation of harmful substances and dangerous goods may cause marine pollution	
	e effects of marine p		
2.1 Define eutrophication. 2.2 Describe the sequence of changes that characterize progressive stages of eutrophication in the sea. 2.3 Explain the long term effects of eutrophication. 2.4 Explain the ecological effects of marine pollution. 2.5 Explain climate change effects believed to result from pollution of the marine environment.	1) List human health problems caused by marine pollution. 2) Explain eutrophication and its effects. 3) Explain the ecological and climatic effects of marine pollution on the environment.	2.1 Define eutrophication. 2.2 Describe the sequence of changes that characterize progressive stages of eutrophication in the sea. 2.3 Explain the long term effects of eutrophication. 2.4 Explain the ecological effects of marine pollution. 2.5 Explain climate change effects believed to result from pollution of the marine environment.	1) List human health problems caused by marine pollution. 2) Explain eutrophication and its effects. 3) Explain the ecological and climatic effects of marine pollution on the environment.

Genera	Objectives: 3.0 Know the	general outline of	MARPOL 7	3/78.		
3.	3.1 State to which ships	1) Explain in detail		3.1 State to which ships	1) Explain in detail	
	MARPOL 73/78 applies.	3.1 - 3.4 above.	A copy of	MARPOL 73/78	3.1 - 3.4 above.	A copy of
	3.2 State the certificates to be	2) State the	MARPOL	applies.	2) State the	MARPOL
	carried by ships in	requirements for	73/78	3.2 State the	requirements for	73/78
	compliance with the	control of		certificates to be	control of	
	provisions of the	operational		carried by ships in	operational	
	convention.	pollution from		compliance with	pollution from	
	3.3 State the mandatory,	ships.		the provisions of	ships.	
	optional and technical	3) List the main		the convention.	3) List the main	
	annexes of the convention	provisions of the		3.3 State the	provisions of the	
	3.4 Define the following	convention.		mandatory,	convention.	
	within the context of the			optional and		
	provisions of the			technical annexes		
	convention:			of the convention		
	Oily mixture			3.4 Define the		
	Oil tanker			following within		
	New ship			the context of the		
	Existing ship			provisions of the		
	Nearest land			convention:		
	Special area			Oily mixture		
	Clean ballast			Oil tanker		
	Segregated ballast			New ship		
	3.5 Explain the requirements			Existing ship		
	for control of operational			Nearest land		
	pollution from ships			Special area		
				Clean ballast		
				Segregated ballast		
				3.5 Explain the		
				requirements for		

Genera	4.1 Explain the foundering of	1) Describe how	Video	control of operational pollution from ships in large scale pollut 4.1 Explain the	1) Describe how	Video
	the "Torrey Canyon" and the international legal regimes resulting there from.  4.2 Cite the 'AMOCO Cardiz' foundering and the consequential economic, social and physical effects to coastal towns and resorts.  4.3 Cite the 'MT Prestige incident and the resultant effects.	'Torrey Canyon' incident occurred.  2) State international legal regimes resulting there from  3) Explain "AMOCO Candiz foundering  4) Explain clearly consequential economic, social and physical effects of the disaster to coastal towns and resorts.  5) Describe "MT and prestige standing's and its resultant effects.	tapes/films.	foundering of the "Torrey Canyon" and the international legal regimes resulting there from. 4.2 Cite the 'AMOCO Cardiz' foundering and the consequential economic, social and physical effects to coastal towns and resorts. 4.3 Cite the 'MT prestige and the resultant effects.	'Torrey Canyon' incident occurred.  2) State international legal regimes resulting there from  3) Explain "AMOCO Candiz foundering  4) Explain clearly consequential economic, social and physical effects of the disaster to coastal towns and resorts.  5) Describe "MT and prestige standing's	tapes/films.

General Objectives: 5.0 Know polluti	•	in tanker design aimed at preve	and its resultant effects.  nting accidental oil	
5. 5.1 Explain the evolution of slop and segregated ball tanks arrangement on oi tankers. 5.2 Describe an oil tanker voyage involving the us of slop tanks and segregated ballast tanks 5.3 Explain the requirement the U.S government for tankers to have double hulls. (OPA '90).	1) Define slop and segregated ballast tanks. 2) State their functions and their arrangement on oil tankers. 3) Explain in detail an oil tanker	5.1 Explain the evolution of slop and segregated ballast tanks arrangement on oil tankers. 5.2 Describe an oil tanker voyage involving the use of slop tanks and segregated ballast tanks. 5.3 Explain the requirement by the U.S government for oil tankers to have double hulls. (OPA '90).	1) Define slop and segregated ballast tanks. 2) State their functions and their arrangement on oil tankers. 3) Explain in detail an oil tanker voyage involving the use of slop tanks and SBT. 4) State the requirements of the oil pollution Act.'90 (OPA '90).	

**COURSE TITLE:** SIWES

CODE: SHM 199

**CREDIT UNITS:** 3

**DURATION:** 3 Months Minimum

**GOAL:** 

## **GENERAL OBJECTIVES:**

- 1.0 Understand the organisational structure of the establishment
- 2.0 Understand the organisation of the port
- 3.0 Understand Port Operation
- 4.0: Understand ship Agency Operation

PROGRAMME: NATIONAL INNOVATION DIPLOMA IN SHIPPING MANAGEMENT								
COURS	SE: SIWES		COURSE	CODE: SHM 199 C	ONTACT HO	URS: 1-0- 3		
<b>GOAL:</b>								
COURS	SE SPECIFICATION: Theoretic	ical Contents:	Pı	ractical Contents:				
Genera	General Objectives: 1.0: Understand the organisational structure of the establishment							
Week	Specific learning objective	Teacher Activities	Learning	Specific Learning	Teacher	Learning		
			Resource	Objective	Activities	Resource		
1.	1.1 Determine the type of			1.1 Determine the type				
	management structure			of management				
	employed in the			structure employed				
	establishment			in the establishment				
	1.2 Draw an Organograme of			1.2 Draw an				
	the management structure			Organograme of the				
	of the establishment			management				
	1.3 Explain the functions of			structure of the				
	the various			establishment				
	departments/sections in			1.3 Explain the functions				
	the department			of the various				
	1.4 State the duties and			departments/sections				
	responsibilities of			in the department				
	principal officers of the			1.4 State the duties and				
	establishment			responsibilities of				
	1.5 Explain how policy			principal officers of				
	decisions are arrived at in			the establishment				
	the establishment.			1.5 Explain how policy				

	1.6 Outline the process through which policy decisions are passed down the line for implementation in the establishment	decisions are arrived at in the establishment.  1.6 Outline the process through which policy decisions are passed down the line for
		implementation in
		the establishment
	l Objectives: 2.0: Understand the organisation of the po	
2.	2.1 State the number of berths	2.1 State the number of
	and terminals in the port	berths and terminals
	2.2 State the number of cargo	in the port
	sheds and transit	2.2 State the number of
	warehouses in the port	cargo sheds and
	2.3 State the number and types	transit warehouses in
	of cranes in the port	the port
	2.4 List the different types of	2.3 State the number and
	cargo handling facilities used in the port.	types of cranes in the port
	2.5 State the number of	2.4 List the different
	stevedoring companies	types of cargo
	operating in the port.	handling facilities
	2.6 Explain the mode of	used in the port.
	operation of stevedoring	2.5 State the number of
	companies in the port	stevedoring
	2.7 Explain the roles of the	companies operating
	following organisations in	in the port.
	port areas:	2.6 Explain the mode of
	Customs	operation of
	Immigration Service	stevedoring

	Port Health Nigerian Police etc.	companies in the port  2.7 Explain the roles of the following organisations in port areas:  Customs Immigration Service Port Health Nigerian Police etc.
General 3.	Objectives: 3.0: Understand Port Operations  3.1 List the various services	3.1 List the various
3.	provided by the port to its	services provided by
	users	the port to its users
	3.2 Explain the procedure for	3.2 Explain the
	processing permits for the	procedure for
	use of stevedores	processing permits
	3.3 Explain the procedure for	for the use of
	processing requests for	stevedores
	services and equipment	3.3 Explain the
	3.4 Explain how port tariffs	procedure for
	are interpreted and	processing requests
	applied.	for services and
	3.5 Explain the partition techniques used in cargo	equipment 3.4 Explain how port
	and transit sheds for	tariffs are interpreted
	different consignments of	and applied.
	cargo	3.5 Explain the partition
	3.6 Tally cargo being	techniques used in
	loaded/discharged	cargo and transit
	3.7 Assist with the supervision	sheds for different

of berth operations	consignments of
3.8 State the documentation	cargo
necessary for the release	3.6 Tally cargo being
of cargo to a consignee or	loaded/discharged
his agent.	3.7 Assist with the
3.9 State the fire prevention	supervision of berth
measures in place in the	operations
port.	3.8 State the
3.10 State the security	documentation necessary
arrangements put in place	for the release
in the port to prevent and	for the release
arrest cargo theft.	
3.11 State the procedures for	
the receipt and delivery	
containers	
3.12 Explain the stowage	
arrangements of containers	
at a terminal, facilities	
delivery to consignees	
3.13 Inspect and tally	
containers being	
discharged from a ship	
General Objectives: 4.0: Understand ship Agen	cy Operation
4. 4.1 Explain the procedure for	4.1 Explain the
declaring ships inwards	procedure for
and outwards	declaring ships
4.2 State the need for ships'	inwards and
arrival notices to be sent to	outwards
Customs. Immigration and	4.2 State the need for
Port Health authorities.	ships' arrival notices
4.3 Receive and transmit	to be sent to

messages on VHF	Customs.
equipment	Immigration and
4.4 Operate a telex/facsimile	Port Health
machine	authorities.
4.5 Interpret cargo stowage	4.3 Receive and transmit
plans	messages on VHF
4.6 Explain the use and	equipment
importance of cargo	4.4 Operate a
manifest	telex/facsimile
4.7 Determine the amount of	machine
cargo discharged/loaded	4.5 Interpret cargo
for the day	stowage plans
4.8 Determine the amount of	4.6 Explain the use and
cargo ROB at the end of	importance of cargo
the day's work	manifest
4.9 Inspect a cargo hold for	4.7 Determine the
cargo damage before the	amount of cargo
commencement of	discharged/loaded
discharge	for the day
4.10 Write a cargo damage	4.8 Determine the
report	amount of cargo
4.11 Determine the number of	ROB at the end of
stevedoring gangs	the day's work
required to work a ship in	4.9 Inspect a cargo hold
a day	for cargo damage
	before the
	commencement of
	discharge
	4.10 Write a cargo
	damage report
	4.11 Determine the

		number of	
		stevedoring gangs	
		required to work a	
		ship in a day	

**COURSE TITLE**: FREIGHT FORWARDING PRACTICE

CODE: SHM 223

**CREDIT UNITS:** 3

**DURATION:** One Semester

**GOAL:** The Course is package to equip students with Freight forwarding knowledge.

**GENERAL OBJECTIVES:** Freight forwarding practice.

On completion of the course, the student should be able to:

- 1.0 Know freight forwarding and us role in National Economy.
- 2.0 Know the role of NCS and associated problems in the freight forwarding industry.
- 3.0 Know the Custom License Agents and their role in the movement of goods by sea and air.
- 4.0 Understand the role of Nigeria Custom and Central Bank of Nigeria in Pre-Shipment and Destination Inspection Scheme.

COURSE: Freight Forwarding COURSE CODE: SHM 223 CONTACT HOURS: 4Hrs.

GOAL: The Course is package to equip students with Freight forwarding knowledge.

**COURSE SPECIFICATION : Theoretical Contents:** 

**Practical Contents:** 

General Objectives: 1.0 Know freight forwarding and us role in National Economy.

Week Specific learning chiestive Teacher Learning Specific

Week	Specific learning objective	Teacher	Learning	Specific	Teacher	Learning
		Activities	Resource	Learning	Activities	Resource
				Objective		
	1.1 Explain freight	Explain freight	Textbooks and	1.1 Explain	Explain freight	
	forwarding.	forwarding.	Excursion to the	freight and	forwarding.	Excursion to
	1.2 Explain the procedure		Terminal.	forwarding.		the Terminal.
	introducing freight.	Explain the		1.2 Explain the	Explain the	
	1.3 Explain the actor/agencies	various		procedure	various	
	working in freight	agencies.		introducing	agencies.	
	forwarding sector.			freight.		
	1.4 Explain the role of freight	Explain the		1.3 Explain the	Explain the	
	forwarding practice.	procedure of		actor/agenci	procedure of	
		freight		es worked in	freight	
		forwarding.		freight	forwarding.	
				forwarding.		
		Explain the role		1.4 Explain the	Explain the role	
		of Freight		role of	of Freight	
		Forwarding		freight	Forwarding	
		practice.		forwarding	practice.	
				practice.		

General Objectives: 2.0 Know the role	of NCS and asso	ciated problems	in the freight forw	arding industry.	
2.1 State the problems of	Explain the	Textbooks and	2.1 State the	Explain the	Textbooks and
freight forwarding.	problems of	Journal.	problems of	problems of	Journals.
2.2 Know custom and	freight		freight	freight	
exercise houses.	forwarding		forwarding.	forwarding	
2.3 Know Revenue			2.2 Explain the		
Officers/Functions.	Explain the		institution	Explain the	
2.4 Know Enforcement	institutional		arrangement	institutional	
Officers/Functions.	arrangement for		for freight	arrangement for	
2.5 Know Administrative	freight		forwarders.	freight	
Officers/Functions.	forwarding.		2.3 Know custom	forwarding.	
			and excise		
	Explain		houses.	Explain	
	Custom and		2.4 Know Revenue	Custom and	
	Exercise		Officers/Functi	Exercise	
	houses.		ons.	houses.	
			2.5 Know		
	Explain		Enforcement	Explain	
	Revenue,		Officers/Functi	Revenue,	
	Enforcement &		ons.	Enforcement &	
	Administrative		2.6 Know	Administrative	
	functions of		Administrative	functions of	
	custom services.		Officers/	custom service.	
			Functions.		

General Obj	General Objectives: 3.0 Know the Custom License Agents and their role in the movement of goods by sea and air.						
	3.1 Explain the Nigeria	State the	Textbooks and	3.1 Explain the	State the	Textbooks and	
	Custom Agents and their	problems	Journal	Nigeria	problems	Journal	
	problems.	created by		Custom	created by		
	3.2 Know the problems	Custom Agent.		Agents and	Custom Agent.		
	affecting Custom Agents.			problems			
	3.3 Explain the procedure for	Explain the		created by	Explain the		
	the clearance of goods at	problems		them.	problems		
	the sea and airport.	affecting		3.2 Know the	affecting		
		Custom Agents.		problems	Custom Agents.		
				affecting			
		Explain the		Custom	Explain the		
		general		Agents.	general		
		conditions and		3.3 Explain the	conditions and		
		Entry of Goods.		procedure	Entry of Goods.		
				for the			
				clearance of			
				goods at the			
				sea and			
				airport.			

Destination Inspection Scheme.						
Textbooks Journals Calculators Government Gazette on duties.						

**COURSE TITLE:** PRACTICE OF EXPORT MARKETING

CODE: SHM 224

**CREDIT UNITS:** 

**DURATION:** One Semester

**GOAL:** This course is intended to provide students with sound knowledge and skill in Marketing as it

affects Shipping Business.

**GENERAL OBJECTIVES:** Understand the Basic concepts of marketing in a modern Business Organization.

At the end of the course, the student should:

- 1.0 Understand the basic concepts of marketing in a modern business organization.
- 2.0 Understand the role of Marketing in Expert Business.
- 3.0 Understand Market Research and Practices.
- 4.0 Understand pricing in shipping organization.
- 5.0 Understand Promotion and Product in shipping service.
- 6.0 Understand in Transportation modes in international trade.
- 7.0 Understand organization structure that promote marketing

PROGRAI	MME: NATIONAL INNOVAT	TION DIPLOMA	IN SHIPPING	G MANAGEMEN	NT	
<b>COURSE:</b>	PRACTICE OF EXPORT MA	ARKETING	COURSE CODE: SHM 224		<b>CONTACT HOURS:</b> 2Hrs x 15	
					Weeks $= 30 \text{ hrs}$	/Semester
GOAL:	This course is intended to provi	de students with	sound knowled	dge and skill in M	Iarketing as it af	fects Shipping
	Business.				<u> </u>	11 0
COURSE	SPECIFICATION : Theoretical C	Contents:	Practi	cal Contents:		
General O	bjectives: 1.0 Understand the ba	sic concepts of n	narketing in a r	nodern business	organization.	
Week Specific learning objective Teacher Learning Specific Teacher Learning						
		Activities	Resource	Learning Objective	Activities	Resource
	1.1 Define Marketing.	Explain basic		1.1 Define	Explain basic	Books and
	<ul><li>1.2 Explain the Basic concepts of marketing.</li><li>1.3 Explain the evolution of</li></ul>	concepts of marketing.	Books Magazines.	Marketing. 1.2 Explain the Basic	concepts of marketing.	Magazines.
	marketing.  1.4 Explain the role and importance of marketing.  1.5 Explain the marketing mix.	Trace the evolution of marketing.		concepts of marketing.  1.3 Explain the evolution of	Trace the evolution of marketing.	
	1.6 Explain the meaning and types of markets.	Explain the role of marketing.		marketing. 1.4 Explain the role and	Explain the role of marketing.	
		Explain the marketing mix.		importance of marketing.	Explain the marketing mix.	
		Describe types of marketing.		1.5 Explain the marketing mix. 1.6 Explain the	Describe types of marketing.	

			• 1		
			meaning and		
			types of		
			markets.		
General Objectives: 2.0 Understand the ro	ole of Marketing	in Export Busine	ess.		
2.1 Define international	Explain	Textbook	2.1 Define	Explain	Textbook
marketing.	international		international	international	
2.2 Explain reasons for	marketing.		marketing.	marketing.	
entering into international			2.2 Explain		
markets.	Justify reason		reasons for	Justify reason	
2.3 Explain advantages of	for going		entering into	for going	
international marketing.	international.		international	international.	
2.4 Identify problems in export			markets.		
business.	List problems in		2.3 Explain	List problems in	
2.5 Explain strategies for	export business.		advantages	export business.	
coping with the problems			of		
in 2.4.	Describe		international	Describe	
	strategies for		marketing.	strategies for	
	coping with		2.4 Identify	coping with	
	problems in 2.3.		problems in	problems in 2.3.	
			export		
			business.		
			2.5 Explain		
			strategies for		
			coping with		
			the problems		
			in 2.4.		

General Objectives: 3.0 Understand Market Research ad Practices.										
3.1 Define market research.	1) Define market	3.1 Define market	1) Define market							
3.2 Explain the scope of	research.	research.	research.							
market research.	2) Explain the	3.2 Explain the scope	2) Explain the							
3.3 Explain the limitation	scope of	of market research.	scope of							
of marketing research.	market research.	3.3 Explain the	market research.							
3.4 Conduct market	3) Explain the	limitation of	3) Explain the							
research for Maritime	limitation of	marketing research.	limitation of							
Shipping Service.	marketing	3.4 Conduct market	marketing							
	research.	research for	research.							
	4) Conduct market	Maritime Shipping	4) Conduct market							
	research	Service.	research							
	for Maritime		for Maritime							
	Shipping		Shipping							
	Service.		Service.							

General Objectives: 4.0 Understand pricing in shipping organization.										
4.1 Define pricing.	1) Define pricing.		4.1 Define pricing.	1) Define pricing.						
4.2 Explain pricing objectives.	2) Explain pricing		4.2 Explain pricing	2) Explain pricing						
4.3 Explain methods of setting	objectives.		objectives.	objectives.						
freight changes.	3) Explain methods		4.3 Explain methods	3) Explain methods						
4.4 Explain factors affecting	of setting freight		of setting freight	of setting freight						
freight changes.	changes.		changes.	changes.						
	4) Explain factors		4.4 Explain	4) Explain factors						
	affecting freight		factors	affecting freight						
	changes.		affecting	changes.						
			freight							
			changes.							

General Objecti	ives: 5.0 Understand Pro	motion and Prod	duct in shipping	service.		
5.1	Define promotion.	Explain the	Textbooks	5.1 Define	Explain the	Textbooks
5.2H	Explain the need for	need for		promotion.	need for	
	promotion.	promotion		5.2 Explain the need	promotion	
5.3I	Explain:			for promotion.		
	(e) advertising.	Explain the		5.3 Explain:	Explain the	
	(f) personal	promotional		(i) advertising.	promotional	
	(g) sales promotion	mix.		(j) personal	mix.	
	(h) publicity			(k) sales		
5.4I	Explain factors responsible	Explain		promotion	Explain	
f	for the choice of	product/service.		(l) publicity	product/service.	
l I	promotional type.			5.4 Explain factors		
5.5	Define product.	Explain New		responsible for	Explain New	
5.6	Define service.	Product		the choice of	Product	
5.7	Explain product	Development.		promotional	Development.	
	development.			type.		
5.8	Explain factors to consider	Explain factors		5.5 Define product.	Explain factors	
	in choice of	to consider in		5.6 Define service.	to consider in	
	product/service offer.	choosing type of		5.7 Explain product	choosing type of	
		service to offer.		development.	service to offer.	
				5.8 Explain factors		
				to consider in		
				choice of		
				product/service		
				offer.		

General Ob	jectives: 6.0 Understand in Tra	nsportation mod	es in internation	al trade.		
	6.1 Define distribution .	Explain	Textbooks	6.1 Define	Explain	Textbooks
	6.2 Explain Physical	distribution.		distribution	distribution.	
	6.3 Distribution Management.			.6.2 Explain		
	6.4 Identify modes of	Explain modes		Physical	Explain modes	
	transportation.	of		6.3 Distribution	of	
	6.5 Explain factors to consider	transportation.		Management.	transportation.	
	in the choice of			6.4 Identify		
	transportation mode.	Explain factors		modes of	Explain factors	
	_	to consider in		transportation.	to consider in	
		choosing modes		6.5 Explain	choosing modes	
		of		factors to	of	
		transportation.		consider	transportation.	
		_		in the choice	_	
				of		
				transportation		
				mode.		
General Ob	jectives: 7.0 Understand organ	ization structure	that promote ma	arketing.		
	7.1 Trace the evolution of the	Explain the	Textbooks	7.1 Trace the	Explain the	Textbooks
	marketing department.	evolution of		evolution of	evolution of	
	7.2 Explain ways of organising	marketing		the	marketing	
	the marketing department	department.		marketing	department.	
	(functional, geographical,			department.		
	product, etc.)	Explain ways of		7.2 Explain	Explain ways of	
	7.3 Explain marketing's	organizing		ways of	organizing	
	relationship with other	marketing		organising	marketing	
	departments.	department.		the	department.	
				marketing		
				department		

(functional,
geographical
, product,
etc.)
7.3 Explain
marketing's
relationship
with other
departments.

**COURSE TITLE:** PURCHASING AND SUPPLY PRACTICE

CODE: SHM 214

**CREDIT UNITS:** 

**DURATION:** One Semester

**GOAL:** This course is design to provide the student with basic purchasing techniques and

practice.

## **GENERAL OBJECTIVES:**

On completion of the course, the student should be able to:

- 1.0 Understand the meaning of purchasing.
- 2.0 Understand the procurement and supply chain management.
- 3.0 Know the fundamentals of purchasing and supply.
- 4.0 Know the contract development procedure.
- 5.0 Understand the development methods in purchasing.
- 6.0 Know the different terms of payment and procedures.
- 7.0 Understand the role of Ship Chandlers.

COURSE: PURCHASING PRACTICE COURSE CODE: SHM 214 CONTACT HOURS: 3HRS.

**GOAL:** This course is designed to provide the student with basic purchasing techniques and practice.

COURSE SPECIFICATION: Theoretical Contents:

Practical Contents:

General Objectives: 1.0 Understand the meaning of purchasing.

Week	Specific learning objective	Teacher Activities	Learning Resource	Specific Learning Objective	Teacher Activities	Learning Resource
	<ol> <li>1.1 Explain the meaning of purchasing.</li> <li>1.2 Explain the chain of supply.</li> <li>1.3 Explain the concept of procurement management.</li> <li>1.4 Explain the scope and limitation of purchasing authorities.</li> <li>1.5 Explain the purchase cycle and effect of purchasing on other cost.</li> </ol>	Define purchasing.  Define supply and chain management.  Describe supply chain.  Explain procurement management.  Explain the limitations of purchasing authorities.	- Textbooks - Journals	1.1 Explain the meaning of purchasing. 1.2 Explain the chain of supply. 1.3 Explain the concept of procurement management . 1.4 Explain the scope and limitation of purchasing authorities. 1.5 Explain the purchase cycle and effect of	Define purchasing.  Define supply and chain management.  Describe supply chain.  Explain procurement management.  Explain the limitations of purchasing authorities.	- Sample - Store requisiti on form - Sample L.P.O.

		Explain			purchasing	Explain	
		purchase cycle			on other cost.	purchase cycle	
		and their effects				and their effects	
		on other cost.				on other cost.	
General Obj	jectives: 2.0 Understand the	procurement and	supply	chain mar	nagement.		
	2.1 Explain the chain of	Explain the chain			2.1 Explain the	Explain the chain	
	purchasing.	of purchasing.	-	Textbooks	chain of	of purchasing.	- Sample store
	2.2 Explain the effects of		-	Journals	purchasing.		requisition
	purchasing on cost.	Explain the effect			2.2 Explain the	Explain the	form.
	2.3 Explain supply	of purchasing on			effects of	effect of	
	management.	cost.			purchasing	purchasing on	- Sample
	2.4 Explain supply chain				on cost.	cost.	L.P.O.
	and sources of supply.	Explain supply			2.3 Explain		
		management.			supply	Explain supply	
		_			management	management.	
		Explain supply				_	
		chain and sources			2.4 Explain	Explain supply	
		of supply.			supply chain	chain and	
					and sources	sources of	
					of supply.	supply.	

General Objectives: 3.0 Know the fundamentals of purchasing and supply.										
3.1 Explain various level in	Explain the	-	Textbooks	3.1 Explain various	Explain the		- Textbooks			
supply chain.	supply.	-	Journal	levels in supply	supply.		- Journal			
3.2 Explain management		-	Periodicals.	chain.			- Periodicals.			
responsibility in	Explain the			3.2 Explain	Explain the					
handling supply chain.	management			management	management					
3.3 Explain the concept of	role in supply			responsibility in	role in supply					
right quantity.	management.			handling supply	management.					
3.4 Explain the factors				chain.						
influencing quantity.	Explain the			3.3 Explain the						
3.5 Explain the right	concept of right			concept of right						
sources of supply.	quantity.			quantity.	Explain the					
				3.4 Explain the	concept of					
	Explain various			factors	right quantity.					
	sources of			influencing						
	supply.			quantity.	Explain					
				3.5 Explain the	various					
				right sources	sources of					
				of supply.	supply.					
General Objectives: 4.0 Know the co	ontract developr	nent p	rocedure.							
4.1 Define contract.	Explain the			4.1 Define	Explain the		- Textbooks			
4.2 Explain the procedure	term contract.	-	Textbooks	contract.	term contract.		- Journal			
of awarding supply		-	Journal	4.2 Explain the		-	Video film.			
contract.	Explain the	-	Periodicals.	procedure of	Explain the					
4.3 Explain the process of	process and			awarding	process and					
contract development.	procedure of			supply	procedure of					
4.4 Explain vendor	awarding			contract.	awarding					
comparison.	contract.			4.3 Explain the	contract.					
4.5 Explain Bidding				process of						

	system.	Explain the			contract	Explain the		
	4.6 Differentiate Bidding	term vendor.			development.	term vendor.		
	and Negotiation.				4.4 Explain vendor			
		Explain Bid			comparison.	Explain Bid		
		and			4.5 Explain	and		
		Negotiation.			Bidding	Negotiation.		
					system.			
					4.6 Differentiate			
					Bidding and			
			<u> </u>		Negotiation.			
General (	<b>Objectives: 5.0</b> Understand	the developmen	t meth	ods in purch	nasing.			
	5.1 Explain the meaning of	Explain	-	Textbooks	5.1 Explain the	Explain	-	Textbooks
	procurement and	procurement	-	Journals	meaning of	procurement	-	Journals
	logistics.	and logistics.	-	Periodicals	procurement	and logistics.	-	Periodicals
	5.2 Explain the terms:				and logistics.			
	- Purchasing	Explain the			5.4 Explain the	Explain the		
	- Basic firms	terms:			terms:	terms:		
	- Procedures				- Purchasing			
	5.3 Explain checklist of				- Basic			
	terms and conditions.				firms			
					- Procedures			
					5.3 Explain			
					checklist of			
					terms and			
			<u> </u>		conditions.			

General Objectives: 7.0 Understand the role of Ship Chandlers.								
7.1 Explain ship chandlers.								
7.2 List the functions of								
ship chandlers.								
7.3 State the chandlers and								
prosperity of ship								
chandlers.								

**COURSE:** PRINCIPLES OF MANAGEMENT

**COURSE CODE:** SHM 115

**DURATION:** ONE SEMESTER

**CREDIT UNIT:** 3

**GOAL:** The aim of the course is to enable the student acquire background knowledge of the historical evolution of

Management Thought and to introduce them to some basic managerial principles and techniques.

## **GENERAL OBJECTIVES:**

On completion of the course, the student should be able to:

- 1.0 Know the nature and scope of Management.
- 2.0 Know the historical background of Management.
- 3.0 Understand the responsibilities of a Manager.
- 4.0 Understand the management functions of planning.
- 5.0 Understand the management functions of organizing.
- 6.0 Understand the management functions of coordinating.
- 7.0 Understand the management functions of control.

PROGR	PROGRAMME: NATIONAL INNOVATION MANAGEMENT DIPLOMA IN SHIPPING MANAGEMENT										
COURS	COURSE: Principles of Management I COURSE CODE: SHM 115 CONTACT HOURS										
COURSE SPECIFICATION: THEORETICAL CONTENTS: PRACTICAL CONTENTS: 3Hours											
GENERAL OBJECTIVES: 0.1: Know the nature and scope of Management.											
WEEK		BJECTIVES	TEACHERS AC	•	LEARNING RESO	URCES					
	GENERAL OBJECTIVE	<b>.</b>		GENERAL OBJECTIVE							
WEEK	SPECIFIC LEARNING	TEACHER	LEARNING	SPECIFIC LEARNING	TEACHER	LEARNING					
	OBJECTIVE	ACTIVITIES	RESOURCE	OBJECTIVE	ACTIVITIES	RESOURCE					
1 - 2	1.1 Define Management	i. Explain the	1) Textbooks	1.1 Define Management	i. Explain the	1) Textbooks					
	1.2 Explain the nature and	nature, scope	2) Management	1.2 Explain the nature and	nature, scope	2) Management					
	scope of Management.	and	Journals	scope of Management.	and	Journals					
	1.3 Explain objectives of	objectives of		1.3 Explain objectives of	objectives of						
	Management.	management.		Management.	management.						
	1.4 Explain the functions	ii. Explain the		1.4 Explain the functions of	ii. Explain the						
	of Management.	functions of		Management.	functions of						
		management			management						
		with			with						
		examples.			examples.						
	AL OBJECTIVES: 0.2: Kno				T						
3 - 4	2.1 Explain the evolution	i. Explain the	1) Textbooks	2.1 Explain the evolution	i. Explain the	1) Textbooks					
	of Management	contributions		of Management	contributions						
	thought including	of Babb-age,		thought including	Babb-age,						
	contributions made by	Taylor etc to		contributions made by	Taylor etc to						
	people such as	the		people such as	the						
	Bab-agge, Fredrick	development		Bab-agge, Fredrick	development						
	Taylor, etc	of		Taylor, etc	of						
	2.2 Know the various	management.		2.2 Know the various	management.						
	schools of			schools of							

	Management thought.			Management thought.		
CENER	AL OBJECTIVES: 0.3: Un	Lerstand the respon	l sibilities of a Man			
5 – 6	3.1 Explain who a	i. Explain who	1) Textbooks	3.1 Explain who a	i. Explain who a	1) Textbooks
3-0	manager is	a manager is,	2) Journals	manager is	manager is, his	2) Journals
	3.2 Explain the roles and	his roles and	3) Publications		roles and	3) Publications
	1		3) Publications	3.2 Explain the roles and		3) Fublications
	responsibilities of a	responsibilities.		responsibilities of a	responsibilities.	
CENED	manager.	1 1 1		manager.		
	AL OBJECTIVES: 0.4: Und					4) 50 1 1
7 – 9	4.1 Define Planning	i. Explain	1) Textbooks	4.1 Define Planning	i. Explain	1) Textbooks
	4.2 Explain the need for	planning, its	2) Journals	4.2 Explain the need for	planning, its	2) Journals
	Planning	types, process	3) Publications	Planning	types, process	3) Publications
	4.3 Explain types of plan.	and the need		4.3 Explain types of plan.	and the need	
	4.4 Explain the planning	for planning.		4.4 Explain the planning	for planning.	
	process	ii. Explain with		process	ii. Explain with	
	4.5 Identify tools of	examples		4.5 Identify tools of	examples	
	management planning.	tools of		management planning.	tools of	
		management			management	
		planning.			planning.	
		iii. Conduct			iii. Conduct	
		Test.			Test.	
GENER	AL OBJECTIVES: 0.5: Und	derstand the manag	ement functions of	organizing.		
10 - 11	5.1 Define organizing.	i. Explain	1) Textbooks	5.1 Define organizing.	i. Explain	1) Textbooks
	5.2 Explain the need for	organizing as	2) Journals	5.2 Explain the need for	organizing as	2) Journals
	organizing.	a function.	3) Publications.	organizing.	a function.	3) Publications
	5.3 Explain the process of	ii. Explain its	ŕ	5.3 Explain the process of	ii. Explain its	4) Management
	organizing.	process and		organizing.	process and	films.
	5.4 Define a basic	the need for		5.4 Define a basic	the need for	
	organizational	organizing.		organizational structure.	organizing.	
	structure.	iii. Explain		_	iii. Explain	
		organization			organization	
		as a basic			as a basic	
	<u> </u>		1	1	L	1

		structure			structure			
		using diagram.			using diagram.			
GENERAL OBJECTIVES: 0.6: Understand the management functions of coordinating.								
12 - 13	6.1 Explain the nature of	i. Explain	1) Textbooks	6.1 Explain the nature of	i. Explain	1) Textbooks		
	coordination.	coordination,	2) Journals	coordination.	coordination,	2) Journals		
	6.2 Explain the need for	its nature,	3) Publications	6.2 Explain the need for	its nature,	3) Publications		
	coordination.	process and	4) Management	coordination.	process and	4) Management		
	6.3 Identify the major areas	the need for	films	6.3 Identify the major areas	the need for	films		
	of coordination	it.		of coordination	it.			
	namely:	ii. Explain how		namely:	ii. Explain how			
	Human	to coordinate		Human	to coordinate			
	Material	human,		Material	human,			
	Financial	material,		Financial	material,			
	6.4 Describe the process of	financial		6.4 Describe the process of	financial			
	coordination.	resources, etc		coordination.	resources, etc			
		in an			in an			
		organization.			organization.			
		iii. Show			iii. Show			
		students			students			
		relevant			relevant			
		management			management			
		films.			films.			
		iv. Give			iv. Give			
		assignment.			assignment.			
GENER	AL OBJECTIVES: 0.7: Und	erstand the manag	ement functions of	control.				
14 - 15	7.1 Define the concept of	i. Explain the	1) Textbooks	7.1 Define the concept of	i. Explain the	1) Textbooks		
	control in Management	concept of	2) Journals	control in Management	concept of	2) Journals		
	7.2 Explain the need for	control, its	3) Publications	7.2 Explain the need for	control, its	3) Publications		
	control.	technique,	4) Management	control.	technique,	4) Management		
	7.3 Identify the elements of	elements and	films	7.3 Identify the elements of	elements and	films		
	control.	its need in the		control.	its need in the			

7.4	Identify major control	organization.	7.4 Identify major control	organization.	
	techniques.	ii. Explain its	techniques.	ii. Explain its	
7.5	Explain the limitations	limitation.	7.5 Explain the limitations	limitation.	
	of the control functions.	iii. Show	of the control functions.	iii. Show	
		students		students	
		relevant		relevant	
		management		management	
		films.		films.	
		iv. Conduct		iv. Conduct	
		test.		test.	

**COURSE:** EXPORT MANAGEMENT

**COURSE CODE:** SHM 213

**DURATION: 3 HOURS** 

**CREDIT UNIT:** 

**GOAL:** The course is packaged to equip student with basic Export/Shipping Documents.

## **GENERAL OBJECTIVES:**

On completion of the course, the students should be able to:

- 1.0 Know the Meaning and Scope of Export Trade.
- 2.0 Understand Export House, Documentation and Export Office.
- 3.0 Know Export Trade Institution and Financing.
- 4.0 Know International Marketing and Export Administration.
- 5.0 Understand Export Distribution, International Trade Areas and Simplification of International Trade Procedure (SITPRO)

PROGRAMME: NATIONAL INNOVATION MANAGEMENT DIPLOMA IN SHIPPING MANAGEMENT									
COURS	COURSE: EXPORT MANAGEMENT COURSE CODE: SHM 213 CONTACT HOURS: 3 HOURS								
COURSE SPECIFICATION: THEORETICAL CONTENTS: PRACTICAL CONTENTS:									
GENERAL OBJECTIVES: 0.1: Know the Meaning and Scope of Export Trade.									
WEEK									
	GENERAL OBJECTIVE			GENERAL OBJECTIVE					
WEEK	SPECIFIC LEARNING	TEACHER	LEARNING	SPECIFIC LEARNING	TEACHER	LEARNING			
	OBJECTIVE	ACTIVITIES	RESOURCE	OBJECTIVE	ACTIVITIES	RESOURCE			
	1.1 Explain the meaning,	i. Define Export	Textbooks	1.1 Explain the meaning,	i. Explain Export	Textbooks			
	scope and export trade.	and state the	and Lecture	scope and export trade.	and state the	and Lecture			
	1.2 Explain Export Trade as	scope.	Materials.	1.2 Explain Export Trade as	scope.	Materials.			
	its relates to pre-	ii. Explain pre-		its relates to	ii. Explain pre-				
	sales/order, Order	sales/order,		pre sales/order, Order	sales/order,				
	preparation product	order		preparation product	order				
	pricing and final order	preparation		pricing and final order	preparation				
	execution.	product		execution.	product				
		pricing			pricing				
		Final Order			Final Order				
		Execution.			Execution.				
GENER	AL OBJECTIVES: 0.2: Under	_							
	2.1 Explain Export House	i. Explain	Textbooks	2.1 Explain Export House	i. Explain	Textbooks			
	and Merchants.	Export House	Journals.	and Merchants.	Export House	Journals.			
	2.2 Explain Export	and Merchant.		2.2 Explain Export	and Merchant.				
	Documentation.	ii. Explain		Documentation.	ii. Explain				
	2.3 Explain the simple	Export	Textbooks	2.3 Explain the simple	Export	Textbooks			
	Complex, Vertical and	Documentation.		Complex, Vertical and	Documentation.				
	Horizontal Export	iii. Explain the		Horizontal Export	iii. Explain the				

Office/organization.	meaning of Simple		Office/organization.	meaning of Simple	
	Complex,	Textbooks		Complex,	Textbooks
	Vertical and	Journals		Vertical and	Journals
	Horizontal	Journals		Horizontal	Journais
	Export-			Export-	
	Office.			Office.	
GENERAL OBJECTIVES: 0.3: Know		itution and Finan	l veing	Office.	
3.1 Explain Export	i. Explain	Textbooks	3.1 Explain Export	i. Explain	Textbooks
Institutions, Export	Export	and Lecture	Institutions, Export	Export	and Lecture
Promotion Council	institution	Materials.	Promotion Council	institution	Materials.
		Materials.			Materials.
(NEPC) World Trade Centre and Association of	Export Promotion		(NEPC) World Trade Centre and Association of	Export Promotion	
Nigerian Exporters	Council		Nigerian Exporters	Council	
(ANC).	(NEPC)		(ANC).	(NEPC)	
3.2 Explain Export	World Trade		3.2 Explain Export	World Trade	
Financing, Advantage	Centre, etc.		Financing, Advantage	Centre, etc.	
and Disadvantages.	ii. Explain		and Disadvantages.	ii. Explain	
3.3 Explain the role of	Export		3.3 Explain the role of	Export	
Central Bank,	Financing,	Textbooks	Central Bank,	Financing,	Textbooks
Commercial Banks,	Advantage		Commercial Bank,	Advantage	
Government Role and	and		Government Role and	and	
other financial institution.	Disadvantages.		other financial institution.	Disadvantages.	
	iii. Explain the			iii. Explain the	
	Role of	Textbooks		Role of	
	Central Bank,	and Lecture		Central Bank,	
	Commercial	Materials.		Commercial	Textbooks
	Bank,			Bank,	and Lecture
	Government			Government	Materials.
	Role and			Role and	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
	other Financial			other Financial	

	Institution.		Institution.	
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GENERAL OBJECTIVES: 0.4: Know International marketing and Export Administration.							
4.1 Explain International	i. Explain	Textbooks	4.1 Explain International	i. Explain	Textbooks		
Marketing, Export Sales	International	and Lecture	Marketing, Export Sales	International	and Lecture		
Quotation/Incoterms,	Marketing,	Materials.	Quotation/Incoterms,	Marketing,	Materials.		
Licensing and Export	Export Sales		Licensing and Export	Export Sales			
Country.	Quotation		Country.	Quotation			
4.2 Explain Exporting,	and		4.2 Explain Exporting,	and			
Distribution and packing.	Incoterms,		Distribution and packing.	Incoterms,			
	Licensing.			Licensing.			
	ii. Explain			ii. Explain			
	Export	Textbooks		Export	Textbooks		
	Distribution			Distribution			
	and Packing.			and Packing.			
<b>GENERAL OBJECTIVES:</b> 0.5: Unde	-	ribution, Interna	tional Trade Areas and Simplifica	tion of International Tra	de Procedure		
	PRO)	T		T	T		
5.1 Explain Export	i. Explain	Lecture	5.1 Explain Export	i. Explain	Lecture		
Distribution,	Export	Materials.	Distribution,	Export	Materials.		
International Trade Area	Distribution,		International Trade Area	Distribution,			
and Method of payment.	International		and Method of payment.	International			
5.2 Explain Cargo Insurance	Trade Area		5.2 Explain Cargo Insurance	Trade Area			
and Export Marketing	and Method		and Export Marketing	and Method			
Research.	of payment.		Research.	of payment.			
5.3 Explain the Role of	ii. Explain	Lecture	5.3 Explain the Role of	ii. Explain	Lecture		
Government in Export	Cargo	Materials.	Government in Export	Cargo	Materials.		
processing Zone, Export	Insurance		processing Zone, Export	Insurance			
Expansion Grants, Duty	and Export		Expansion Grants, Duty	and Export			
Drawback Scheme, etc.	Marketing		Drawback Scheme, etc.	Marketing			
5.4 Explain Simplification of	Research.		5.4 Explain Simplification of	Research.			
International Trade	iii. Explain the		International Trade	iii. Explain the			
Procedure (SITPRO)	Role of	Lecture	Procedure (SITPRO)	Role of	Lecture		

Government	Materials.	Government	Materials.
in Export		in Export	
processing		processing	
Zone, Export		Zone, Export	
Expansion		Expansion	
Grants, Duty		Grants, Duty	
Drawback		Drawback	
Scheme, etc.		Scheme, etc.	
iv. Explain		iv. Explain	
Simplification		Simplification	
of		of	
International		International	
Trade		Trade	
Procedure		Procedure	
(SITPRO)		(SITPRO)	

**PROGRAMME:** NATIONAL INNOVATION DIPLOMA IN SHIPPING MANAGEMENT

**COURSE TITLE:** INTERNATIONAL TRADE AND PAYMENTS

CODE: SHM 215

CREDIT UNITS: 2

**DURATION:** ONE SEMESTER

**GOAL:** This course is designed to provide the student the knowledge of International Trade and

Payments.

### **GENERAL OBJECTIVES:**

On completion of the course, the student should be able to:

- 1.0 Understand the concept of International Trade and documentation.
- 2.0 Understand risk management in International Trade.
- 3.0 Know the method of International payment.
- 4.0 Understand Bank Finance Exchange Control and Foreign Marketing Operations.
- 5.0 Know the roles of International Banks/Agencies.
- 6.0 Understand Investment Appraisal Techniques.

PROGRA	PROGRAMME: NATIONAL INNOVATION DIPLOMA IN SHIPPING MANAGEMENT							
COURSE: INTERNATIONAL TRADE AND		COURSE CODE: SHM 215 CO		ONTACT HOURS: 2Hrs.				
PAYMEN								
GOAL:	GOAL: This course is designed to provide the student the knowledge of International Trade and Payments.							
COURSE	COURSE SPECIFICATION: Theoretical Contents: Practical Contents:							
General O	General Objectives: 1.0 Understand the concept of International Trade and documentation.							
	Specific learning objective	<b>Teacher Activities</b>	Learning Resource	Specific Learning Objective	<b>Teacher Activities</b>	Learning Resource		
	<ul> <li>1.1 Explain the concept of International trade.</li> <li>1.2 Identify participants in international trades.</li> <li>1.3 State the documents used in International transactions.</li> </ul>	1.1 Discuss the background of International trade and payments. 1.2 Explain the participants in international trade. 1.3 Explain the various documents used in International trade transactions a) Bill of Lading b) Bills of Exchange c) Promising note d) Letter of Credit. e) Any other.	Textbooks and Margazines	<ul> <li>1.4 Explain the concept of International trade.</li> <li>1.5 Identify participants in international trades.</li> <li>1.6 State the documents used in International transactions.</li> </ul>	1.4 Discuss the background of International trade and payments. 1.5 Explain the participants in international trade. 1.6 Explain the various documents used in International trade transactions a) Bill of Lading b) Bills of Exchange c) Promising note d) Letter of Credit. e) Any other.	Form M Bill of Laden.		

General Objectives: 2.0 Understand risk management in International Trade.						
2.1 Explain Risk	2.1 Explain the role	Textbooks	2.1 Explain Risk	2.1 Explain the role	Textbooks	
management in	of risk	and	management in	of risk		
International trade.	management in	Margazines	International trade.	management in		
2.2 State the operators	foreign		2.2 State the operators	foreign		
appraised to engage	exchange		appraised to engage	exchange		
in Risk management	transactions.		in Risk management	transactions.		
internationally.	2.2 Describe the		internationally.	2.2 Describe the		
2.3 State the challenges	authorised		2.3 State the challenges	authorised		
of Risk management	1		of Risk management	operators in		
in International	risk		in International	risk		
trade.	management		trade.	management		
	internationally			internationally		
	- NECGIC			- NECGIC		
	- ECGD			- ECGD		
	- Bank			- Bank		
	- Any other			- Any other		
	2.3Explain the			2.3 Explain the		
	challenges of			challenges of		
	risk			risk		
	management in			management in		
	international			international		
	trade.			trade.		

General Objectives: 3.0 Know the method of International payments.						
3.1 Mention the methods	3.1 Discuss the	Textbooks	3.1 Mention the methods	3.1 Discuss the	Textbooks and	
used for International	methods used	and	used for International	methods used	Margazines	
payments.	for International	Margazines	payments.	for International		
3.2 Describe the	payments.		3.2 Describe the	payments.		
methods for	3.2 Explain the key		methods for	3.2 Explain the key		
International	methods used		International	methods used		
settlement.	for International		settlement.	for International		
	transactions.			transactions.		
	a) Documentary			a) Documentary		
	letters of			letters of		
	credits.			credits.		
	b) Bills of			b) Bills of		
	Exchange.			Exchange.		
	c) Promisory			c) Promising		
	note			note		
	d) Cash against			d) Cash against		
	Document.			Document.		
	e) Western			e) Western		
	Unions			Unions		
	Money			Money		
	transfer etc			transfer etc		
	f) Any other.			f) Any other.		

General Objectives: 4.0 Understand Bank Finance Exchange Control and Foreign Markets Operations.						
4.1 Explain Bank	4.1 Discuss the		-			
finance in	role of Bank					
International trade.	finance in					
4.2 Identify the pre-and	International					
post shipment	trade.					
finance components	4.2 Explain the					
in International	major					
trade.	components in					
4.3 Describe the	pre and post					
Exchange Control	shipment					
and foreign	finance:					
Exchange Market	a) Factoring					
operations.	b) Invoice					
	discounting					
	c) International					
	Credit Unions.					
	d) Confirming					
	houses					
	e) Any other.					
	4.3 Describe the					
	major forms of					
	Exchange					
	Control and					
	foreign					
	Exchange					
	Market OPS:					
	a) Structural					
	Adjustment					

	e) Any other. now the roles of Internati		1		
General Objectives: 5.0 Kn	I OIOD OI IIIIUU	onal Banks/Ag	encies.		
	in International transactions. 5.2 Discuss the Foreign Banks and Agencies: a) World Bank b) IMF eign c) ADB				

	5.3 Explain the					
	functions of the					
	Foreign Banks/					
	Agencies					
General Objectives: 6.0 Underst	eneral Objectives: 6.0 Understand Investment Appraisal Techniques.					
6.1 Define Investment	6.1 Explain the role					
appraisal	of investment					
techniques.	appraisal					
6.2 Identify the major	techniques in					
forms of investment	International					
appraisal techniques	trade.					
in International	6.2 Explain the					
trade.	major form of					
6.3 Describe the major	investment					
Investment appraisal	appraisal					
techniques in	techniques in					
International	International					
transactions.	trade.					
	6.3 Describe the					
	major forms of					
	investment					
	appraisal,					
	techniques used					
	in International					
	trade:					
	a) Simple and					
	Compound					
	interest.					
	b) Accounting					
	rate of return					

c) Payback period		
d) Discounted		
cash flow.		
e) Cost Benefit		
Analysis		
f) Any other.		

# **LIST OF EQUIPMENT**

A Learning Resource Centre shall be established for the programme with the following minimum requirements of items of equipment and other resources:

- Overhead Projectors 2 Nos.
   Multi Media 2 Nos.
- 3. Electronic Calculators 30 Nos.
- 4. Tape Recorders 2 Nos.
- 5. Video cassette Recorders 2 Nos.
- 6. Television sets 2 Nos.
- 7. Flip Chart and Board 2 Nos.
- 8. Computer (P.C.) 15 Nos.
- 9. Fire Fighting equipment 1 No.
- 10. OTHERS:
  - (i) Wall charts:
    - a) Maps of the world
    - b) General Cargo ship
    - c) Container ship
    - d) Bulk Carrier
    - e) Crude Oil tanker
    - f) Passenger ship
    - g) Port complex

- h) Shore crane
- i) Load line zones
- j) General arrangement plan of a ship
- (i) World Globe.
- (ii) Model mast and swinging derrick with attachments
- (iii) Models of different ship types
- (iv) Steel cabinet (for storage)
- (v) Video Films
- (vi) Audio Cassettes.
- (vii) Appropriate software.

### LIST OF PARTICIPANTS

## FIRST REVIEW (DRAFT)

- 1) CHIEF O. REUBEN STARS MARITIME ACADEMY LAGOS.
- 2) ALH. ISAH SA'ADAT STARS MARITIME ACADEMY LAGOS.
- 3) MR. J.S. ABOI NBTE, KADUNA.
- 4) UMAR A. DANGABARIN NBTE, KADUNA
- 5) ABDU ISA KOFARMATA NBTE, KADUNA.

### LIST OF PARTICIPANTS

### **CRITIQUE WORKSHOP**

- 1) CHIEF O. REUBEN STARS MARITIME ACADEMY LAGOS.
- 2) ALH. ISAH SA'ADAT STARS MARITIME ACADEMY LAGOS.
- 3) DR. ADEMOLA BENSON IRINYEMI IFEN – 4 PARK LANE, APAPA-LAGOS.
- 4) MR. SAMPSON SAMUEL CHIMA REGISTRAR, NIGERIAN INSTITUTE OF SHIPPING, 32, COMMERCIAL ROAD, APAPA-LAGOS.
- 5) MR. J.S. ABOI NBTE, KADUNA.
- 6) UMAR A. DANGABARIN NBTE, KADUNA
- 7) ABDU ISA KOFARMATA NBTE, KADUNA.