

**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.

NID Curriculum and Module Specifications in Shipping Management

1st SEMESTER

Course Code	Course Title	L	T	P	CU	CH
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	-	-	3	3
SHM 116	PRINCIPLES OF LAW	3	-	-	2	2
	TOTAL =				24	24

NID Curriculum and Module Specifications in Shipping Management

2ND SEMESTER

Course Code	Course Title	L	T	P	CU	CH
CSK 402	COMMUNICATION SKILLS	2	-	-	2	23
MAT 252	BUSINESS MATHEMATICS II	2	-	-	2	2
SHM 121	MARINE ENVIRONMENTAL PROTECTION	2	-	-	2	2
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 MANAGEMENT I	3	-	-	3	3
SHM 125	BASIC COST ACCOUNTING	3	-	3	3	3
SHM 126	MARITIME GEOGRAPHY II	2	-	-	2	2
SHM 199	SIWES	-	-	-	3	3
	TOTAL =				24	24

NID Curriculum and Module Specifications in Shipping Management

3RD SEMESTER

Course Code	Course Title	L	T	P	CU	CH
CSK 501	MARITIME COMMUNICATION	2	-	-	2	2
EDP 201	INTRODUCTION TO ENTREPRENEURSHIP	2	-	-	2	2
COM 121	USE OF COMPUTER II	2	-	-	2	2
MRN 211	FRENCH II	2	-	-	2	2
SHM 211	MARITIME LAW I	3	-	-	3	3
SHM 212	PORT OPERATION AND MANAGEMENT II	3	-	-	3	3
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 & PAYMENTS	2	-	-	2	2
	TOTAL =				24	24

NID Curriculum and Module Specifications in Shipping Management

4TH SEMESTER

Course Code	Course Title	L	T	P	CU	CH
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 SHIPPING	3	-	-	3	3
SHM 223	FREIGHT FORWARDING PRACTICE	3	-	-	3	3
EDP 202	PRACTICE OF ENTREPRENEURSHIP	2	-	-	2	2
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

PROGRAMME: NATIONAL INNOVATION DIPLOMA IN SHIPPING MANAGEMENT

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:

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

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

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

		<p>above</p> <p>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.</p>			<p>h) Bring in the accompanying question: “Comment tu t’appelles? t’appelles-tu” OR “comment vous appelez-vous?”</p> <p>i) Explain the differences on (h)</p> <p>above</p> <p>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.</p>	
--	--	---	--	--	---	--

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

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

		the roles of sellers and buyers engaging in bargains.			and Guide them through pronunciation. e) Create a market scene introduce passages where students assume the roles of sellers and buyers engaging in bargains.	
General Objectives: 4.0 Understand simple French grammar						
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 acquaintative sentences 4.6 Identify negative sentences	a) Introduce the personal pronouns:- Je, Tu, Il/Elle, Nous, Vous, Ils/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, Il/Elle, Nous, Vous, Ils/Elles b) Make sentences with each and write them down for the students to	Wall Chart containing things with pronouns.

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

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

PROGRAMME: NATIONAL INNOVATION DIPLOMA IN SHIPPING MANAGEMENT

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:

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

- 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

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

General Objectives: 2.0 Understand the use of prepositions						
3-4	<p>2.1 Name and use correctly common prepositions e.g. sur, sous, dans, devant, derriere, etc.</p> <p>2.2 Use a', a' la' an, a' l', aux correctly</p> <p>2.3 Recognise and use de, d', de l', de la, du and des correctly.</p> <p>2.4 Recognise and use prepositions such as:</p> <p>i) a' cote de' a' cote du, etc au coin de, au coin du, etc.</p>	<p>1) Tell the uses of prepositions:</p> <p>i) with places</p> <p>ii) with pronouns e.g avec moi devant toi chez elle, etc.</p> <p>2) Demonstrate by changing your position and positions of objects and the students in and around the classroom.</p> <p>3) Introduce passages that treat the use of prepositions.</p>	Books	<p>1) Name and use correctly common prepositions e.g. sur, sous, dans, devant, derriere, etc.</p> <p>2) Use a', a' la' an, a' l', aux correctly</p> <p>3) Recognise and use de, d', de l', de la, du and des correctly.</p> <p>2.4 Recognise and use prepositions such as:</p> <p>ii) a' cote de' a' cote du, etc</p>	<p>1) Tell the uses of prepositions:</p> <p>i) with places</p> <p>ii) with pronouns e.g avec moi devant toi chez elle, etc.</p> <p>2) Demonstrate by changing your position and positions of objects and the students in and around the classroom.</p> <p>3) Introduce passages that treat the use of prepositions.</p>	Books

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

		of adjectives.			Bring in the colour adjectives also taking note of gender difference Introduce passages that treat the various forms of adjectives.	
--	--	----------------	--	--	--	--

General Objectives: 4.0: Know how to construct sentences in French

7-8	<p>4.1 Use “oui” and “Non” correctly</p> <p>4.2 Distinguish between “comment” and “combien” and use them appropriately.</p> <p>4.3 Distinguish between “S” meaning “if” and “si” meaning “yes” and use them appropriately.</p> <p>4.4 Change sentences from positive to negative and interrogative and vice versa.</p> <p>4.5 Form and use the imperative from the indicative form of sentences.</p> <p>4.6 Demonstrate three ways of</p>	<p>1) Lead a discussion on the meaning and use of imperative statements – for instructions, commands and other obligations.</p> <p>2) Introduce passages that treat imperative,</p> <p>3) Ask various questions that require either “oui” “Non”, or” Si” as their</p>	Questions and answer charts.	<p>4.1 Use “oui” and “Non” correctly</p> <p>4.2 Distinguish between “comment” and “combien” and use them appropriately.</p> <p>4.2 Distinguish between “S” meaning “if” and “si” meaning “yes” and use them appropriately.</p> <p>4.4 Change sentences from positive to</p>	<p>Lead a discussion on the meaning and use of imperative statements – for instructions, commands and other obligations.</p> <p>Introduce passages that treat</p>	Questions and answer charts.
-----	---	---	------------------------------	---	---	------------------------------

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

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	1) Dictate simple passages written in French 2) Invite other French speakers/teachers to dictate at various times for voice change. 3) Play recorded audio cassettes.	The Board, concrete objects, pictures. Textbooks Journals Cassette VCD/DVD	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/teachers to dictate at various times for voice change. Play recorded audio cassettes.	The Board, concrete objects, pictures. Textbooks Journals Cassette VCD/DVD

General Objectives: 6.0 Know singular and plural						
11-12	6.1 Know how to form plurals of nouns, adjectives and verbs in French. 6.2 Change nouns, adjectives and verbs from singular to plural and vice versa.	1) Explain various ways of forming the plurals. 2) Give the students some oral and written exercises on plurals. 3) Introduce passages that treat singular and plural.	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
General Objectives:7.0 Know how to read and translate passages in French						
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.	1) Appoint students to read 2) Guide and correct their pronunciations. 3) Go through vocabulary acquisition with the students. 4) Answer students' questions 5) Get students to	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

		answer comprehension questions on passages read.		questions on them in both oral and written French.	answer comprehension questions on passages read.	
General Objectives: 8.0 Know how to write composition in French						
15	8.1 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	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

PROGRAMME: NATIONAL INNOVATION DIPLOMA IN SHIPPING MANAGEMENT

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:

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

- 1.0 Know the use of passé composé
- 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						
COURSE: FRENCH LANGUAGE III			COURSE CODE: MRN 211	CONTACT HOURS: 30 hours		
GOAL: This course is designed to provide the student with skills in writing in French.						
COURSE SPECIFICATION : Theoretical Contents:				Practical Contents:		
General Objectives: 1.0 Know the use of passé compose						
Week	Specific learning objective	Teacher Activities	Learning Resource	Specific Learning Objective	Teacher Activities	Learning Resource
1.	1.1 Conjugate verbs in the Passe Compose using the auxiliaries Avoir and ETRE 1.2 Read and write reported speeches 1.3 Explain itinery and write biography of people 1.4 Make sentences using the active and passive voices	1) Explain how the Passe compose is formed from a combination of either the auxiliary AVOIR or ETRE and the past participle of the verb concerned 2) Explain that the auxiliary AVOIR is used with majority of the verbs. 3) Explain other verbs, especially the verbs of motion using the auxiliary etre.	Textbooks Magazine Journals	1.1 Conjugate verbs in the Passe Compose using the auxiliaries Avoir and ETRE Read and write reported speeches 1.3 Explain itinery and write biography of people 1.4 Make sentences using the active and passive voices	Explain how the Passe compose is formed from a combination of either the auxiliary AVOIR or ETRE and the past participle of the verb concerned Explain that the auxiliary AVOIR is used with majority of the verbs. Explain other verbs, especially the	Textbooks Magazine Journals

		<p>4) Emphasize agreement with the past participle.</p> <p>5) Introduce passages in Passe Compose.</p>			<p>verbs of motion using the auxiliary etre.</p> <p>Emphasize agreement with the past participle.</p> <p>Introduce passages in Passe Compose.</p>	
General Objectives: 2.0 Know how to write informal letters in French						
2-4.	<p>Identify features of a typical French informal letter.</p> <p>Read informal letters written in French.</p> <p>Write simple informal letters in French</p>	<p>1) Write out the format for writing an informal letter in French .</p> <p>2) Bring sample letters to the class and go through with the students</p> <p>3) Correct students written simple informal letters in French.</p>	<p>Textbooks</p> <p>Magazine</p> <p>Journals</p>	<p>Identify features of a typical French informal letter.</p> <p>Read informal letters written in French.</p> <p>Write simple informal letters in French</p>	<p>Write out the format for writing an informal letter in French .</p> <p>Bring sample letters to the class and go through with the students</p> <p>Correct students written simple informal letters in French.</p>	<p>Textbooks</p> <p>Magazine</p> <p>Journals</p>

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

	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 translate short sentences and whole stories 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	<p>6.1 Gather more prepositions.</p> <p>6.2 Express tastes and preferences (comparative and superlatives)</p> <p>Compare tastes and preferences (comparative and superlatives).</p> <p>Identify use the pronouns celle, celui, ceux celles, etc.</p> <p>Use the pronouns – celle, celui, ceux, celles, etc.</p> <p>Identify, the verb “falloir”</p> <p>Conjugate the verb “falloir”.</p>	<p>1) Guide students through passages that treat comparison of two or more things.</p> <p>2) Express likes, dislikes and preferences.</p> <p>3) Make suggestions using “il faut”.</p>	<p>Concrete objects in and around the classroom.</p> <p>Textbooks</p>	<p>6.1 Gather more prepositions.</p> <p>6.2 Express tastes and preferences (comparative and superlatives)</p> <p>6.3 Compare tastes and preferences (comparative and superlatives).</p> <p>6.4 Identify use the pronouns celle, celui, ceux celles, etc.</p> <p>6.5 Use the pronouns – celle, celui, ceux, celles, etc.</p> <p>6.6 Identify, the verb “falloir”</p> <p>6.7 Conjugate the verb “falloir”.</p>	<p>1) Guide students Through passages that treat comparison of two or more things.</p> <p>2) Express likes, dislikes and preferences.</p> <p>3) Make Suggestion using “il faut”.</p>	<p>Concrete objects in and around the classroom.</p> <p>Textbooks</p>

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

PROGRAMME: NATIONAL INNOVATION DIPLOMA IN SHIPPING MANAGEMENT

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:

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

- 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 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 Resource	Specific Learning Objective	Teacher Activities	Learning Resource
1-2	1.1 Listen to short passages either recorded or read by the lecturer or by a resource person. 1.2 Take down the passages in form of dictation with little or no mistakes. 1.3 Read the passages with little or no mistakes 1.4 Listen to passages and answer questions on them.	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 4) Listen to passages and answer questions on them.	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.

General Objectives: 2.0 Know how to read simple French texts for vocabulary and grasping of language structure						
3-5	<p>2.1 Read passages for vocabulary</p> <p>2.2 Answer comprehension questions on the passages read.</p> <p>2.3 Make use of the vocabulary so acquired in real life situation.</p> <p>2.4 Identify the language structures in the passages read.</p> <p>2.5 Make use of the language structures in real life situation.</p>	<ol style="list-style-type: none"> 1. Choose simple comprehension passages from books and other prints. 2. Guide students through the reading exercise as their pronunciation mistakes are corrected. 3. Ask simple questions for evaluation. 4. Pick out items for grammatical studies from the passages read and explain their uses. 5. Use pronoun complement with the infinitive. Si - (if) in a reported speech. 6. Mention position of adverbs in 	<p>Extracts from books, magazines, newspapers and others, cassette ,objects in and around the classroom, pictures and drawings.</p>	<ol style="list-style-type: none"> 1. Read passages for vocabulary 2. Answer comprehension questions on the passages read. 3. Make use of the vocabulary so acquired in real life situation. 4. Identify the language structures in the passages read. 5. Make use of the language structures in real life situation. 	<ol style="list-style-type: none"> 1. Choose simple comprehension passages from books and other prints. 2. Guide students through the reading exercise as their pronunciation mistakes are corrected. 3. Ask simple questions for evaluation. 4. Pick out items for grammatical studies from the passages read and explain their uses. 5. Use pronoun complement with the 	<p>Extracts from books, magazines, newspapers and others, cassette ,objects in and around the classroom, pictures and drawings.</p>

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

General Objective 3.0: Understand basic mastery of grammatical structures of the French grammar.						
6-8	3.1 Identify 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. Use tenses and their equivalents in English. 2. Give formats for forming the tenses. 3. Introduce passages in the tenses. 4. Give simple essay topics in the tenses: (a) Ce que je ferai pendant les vacances. (b) Quand je Freqentains L'ecole primaire. c) Si J' etais riche.	Textbook, Magazine and Journals	3.1 Identify 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. Use tenses and their equivalents in English. 2. Give formats for forming the tenses. 3. Introduce passages in the tenses. 4. Give simple essay topics in the tenses: (a) Ce que je ferai pendant les vacances. (b) Quand je Freqentains L'ecole primaire. c) Si J' etais riche.	Textbook, Magazine and Journals
General Objectives: 4.0 Know how to use model texts of descriptive and narrative types for effective textual communicative skills.						
9-10	4.1 Read the text in French. 4.2 Summarize the texts. 4.3 Express opinion on the subject matter of the text. 4.4 Answer questions on the texts.	1. Guide students as they read through the texts. 2. Lead a discussion where the students express their feelings	Simple French texts: 1) L' Argent Ne fait pas Le Benheur. 2) Deux enfants en ville	4.1 Read the text in French. 4.2 Summarize the texts. 4.3 Express opinion on the subject	1. Guide students as they read through the texts. 2. Lead a discussion where the students express their feelings	Simple French texts: 1) L' Argent Ne fait pas Le Benheur. 2) Deux

		and opinions on the happenings and characters in the text. 3. Ask questions to bring out the authors' intentions.	3) Deux enfants en vacances.	matter of the text. Answer questions on the texts.	and opinions on the happenings and characters in the text. 3. Ask questions to bring out the authors' intentions.	enfants en ville 3) Deux enfants en vacances.
General Objectives: 5.0 Know how to write formal letters in French.						
11-13	5.1 Identify features of an typical French Formal letter. 5.2 Read formal letters written in French. 5.3 Write simple formal letters in French.	1. Give format for writing a formal letter in French. 2. Write a sample formal letter on the board. 3. Introduce extracts of formal letters in the class. 4. Ask students to write formal letters in French.	Writing pad and envelope, extracts of letters from books.	5.1 Identify features of an typical French Formal letter. 5.2 Read formal letters written in French. 5.3 Write simple formal letters in French.	1. Give format for writing a formal letter in French. 2. Write a sample formal letter on the board. 3. Introduce extracts of formal letters in the class. 4. Ask students to write formal letters in French.	Writing pad and envelope, extracts of letters from books.

PROGRAMME: NATIONAL INNOVATION DIPLOMA IN SHIPPING MANAGEMENT

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:

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

- 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

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

PROGRAMME: NATIONAL INNOVATION DIPLOMA IN SHIPPING MANAGEMENT						
COURSE: USE OF COMPUTERS			COURSE CODE: COM 121		CONTACT HOURS: 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:		
General Objectives: 1.0 Know the use of Disk Operating System (DOS)						
Week	Specific learning objective	Teacher Activities	Learning Resource	Specific Learning Objective	Teacher Activities	Learning Resource
1-2	1.1 Format disks 1.2 Create directories and sub-directories 1.3 Name files and label volumes 1.4 Use file commands 1.5 Copy, delete or rename a file or directory 1.6 Explain paths and pathnames 1.7 Use DOS commands such as: i. chdir or cd ii. cls iii. Copy iv. Date v. Dir vi. Disk copy vii. Keyb	a) Introduce Disk Operating System. b) Introduce Microsoft Windows Operating Environment and how to access DOS. c) Explain the command formats in detail and illustrate with the computer how to apply the commands.	(1) Operation manuals (2) Computers (maximum of 2 students to a Computer). (3) Appropriate software packages	1.1 Format disks 1.2 Create directories and sub-directories 1.3 Name files and label volumes 1.4 Use file commands 1.5 Copy, delete or rename a file or directory 1.6 Explain paths and pathnames 1.7 Use DOS commands such as:	a) Introduce Disk Operating System. d) Introduce Microsoft Windows Operating Environment and how to access DOS. e) Explain the command formats in detail and illustrate with the computer how to apply the	(1) Operation manuals (2) Computers (maximum of 2 students to a Computer). (3) Appropriate software packages

	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.	
General Objectives: 2.0 Know how to define and format a page on word-processing						
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	- Ditto -	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.	
General Objectives: 3.0 Know how to type and edit a document on word processing programmes						
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	a) Illustrate how to type a document and perform formatting. b) Illustrate how to save and retrieve a document c) Supervise practical sessions.	- 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 document and perform formatting. d) Illustrate how to save and retrieve a document e) Supervise practical sessions.	- do -

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

				data files Explain the terms, field, record and file.		
General Objectives: 6.0 Know how to create a database						
7-8	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 -	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 -
General Objectives:7.0 Know how to organize index records, and locate data						
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.	- do -	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 another		
				7.5 Search for the first record meeting a specified condition.		
General Objectives: 8.0 Understand the general principles of spreadsheet						
10-11	8.1 Explain the grid structure of the spreadsheet screen. 8.2 Demonstrate how text, numbers and dates can be organized in the spreadsheet. 8.3 Use formulae to perform calculations. 8.4 Use spreadsheet programme in solving mathematical problems and in statistical analysis. 8.5 Use a spreadsheet programme as an accounting tool.	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.	- do -	8.5 Explain the grid structure of the spreadsheet screen. 8.6 Demonstrate how text, numbers and dates can be organized in the spreadsheet. 8.7 Use formulae to perform calculations. 8.8 Use spreadsheet programme in solving mathematical problems and in statistical analysis. 8.5 Use a spreadsheet programme as an accounting tool.	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 -

General Objectives: 9.0 Know data management techniques.

12	<p>9.1 Format a range of cells 9.2 Enter information in selected cells 9.3 Copy selection to another location on the worksheet 9.4 Delete rows or columns 9.5 Insert rows or columns 9.6 Fill a series of numbers in columns 9.7 Move a cell or range of cells to another location on the worksheet 9.8 Save and retrieve a file 9.9 Print a range on a printer</p>	<p>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.</p>	- do -	<p>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</p>	<p>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.</p>	- do -
----	---	--	--------	---	--	--------

General Objectives: 10.0 Know how to perform graphical analysis from numerical data						
13-14	10.1 Create a bar chart from numerical data 10.2 Create a pie chart 10.3 Create a stack-bar chart 10.4 Plot 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	a) Illustrate how to plot a graph or chart with spreadsheets b) Illustrate how to save graphs or charts. c) Illustrate how to retrieve and view a graph d) Illustrate how to print a graph.	- do -	10.1 Create a bar chart from numerical data 10.2 Create a pie chart 10.3 Create a stack-bar chart 10.4 Plot 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	a) Illustrate how to plot a graph or chart with spreadsheets d) Illustrate how to save graphs or charts. e) Illustrate how to retrieve and view a graph d) Illustrate how to print a graph.	- do -
General Objectives: 11.0 Know specific areas of computer application in ports and shipping						
15.	11.1 Demonstrate the use of computers in container terminal operations. 11.2 Use computers in the management of information and communication systems in ports and shipping.	a) Outline the Applications of computers in Shipping and the benefits of using computers in shipping. b) Illustrate the use of	- do -	11.1 Demonstrate the use of computers in container terminal operations. 11.2 Use computers in	a) Outline the Applications of computers in Shipping and the benefits of using computers in shipping. b) Illustrate the use	- do -

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

PROGRAMME: NATIONAL INNOVATION DIPLOMA IN SHIPPING MANAGEMENT

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:

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

- 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						
COURSE: PRINCIPLES OF LAW			COURSE CODE: SHM 116		CONTACT HOURS: 30 Hrs.	
GOAL: The course is designed to enable the student acquire adequate knowledge on how to carryout legitimate business within the legal framework.						
COURSE SPECIFICATION : Theoretical Contents:				Practical Contents:		
General Objectives: 1.0 Know the composition of the Legal System in Nigeria						
Week	Specific learning objective	Teacher Activities	Learning Resource	Specific Learning Objective	Teacher Activities	Learning Resource
1-2	<u>Legal System in Nigeria</u> 1.1 Define law and explain why law is an important aspect in the existence of a society 1.2 Identify the types and hierarchy of courts 1.3 Identify the existence of Tribunals and arbitration (body, group or panel) 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	1) Define Law 2) State the reasons why law is important aspect in the existence of a society. 3) Explain the existence of Tribunals and Arbitration 4) Describe the jurisdictions 5) Explain the various personnel and their positions in the hiercurchy of courts. 6) Explain the	Textbook Documents of decided cases.	<u>Legal System in Nigeria</u> 1.1 Define law and explain why law is an important aspect in the existence of a society 1.2 Identify the types and hierarchy of courts 1.3 Identify the existence of Tribunals and arbitration (body, group or panel)	1) Define Law 2) State the reasons why law is important aspect in the existence of a society. 3) Explain the existence of Tribunals and Arbitration 4) Describe the jurisdictions 5) Explain the various personnel and their positions	Textbook Documents of decided cases.

	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 hierarchy of courts. 6) Explain the organisation of the Legal profession in Nigeria.	
General Objectives: 2.0: Know the rudiments of constitutional law and the						
3-4	<u>Rudiments of Constitutional Law</u> 2.1 Explain Constitutional law concepts, citizenship, Domicile Supremacy of the Constitution and the rule 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.	<u>Rudiments of Constitutional Law</u> 2.1 Explain Constitutional law concepts, citizenship, Domicile Supremacy of the Constitution and the rule 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.
5.						

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

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

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

				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 Customary Family Group.	
General Objectives: 5.0: Know the Law of Administration of Estates and Trusts						
9.	5.1 Distinguish between estates (will) and in estate (without will) successions. 5.2 Explain the grant of probate and letters of Administration of Estates. 5.3 Explain the Nature of trusts, kinds and their creation. 5.4 Explain the rights of beneficiaries 5.5 Explain the duties of trusts <u>Law of Property</u> 5.6 Distinguish between estates (will) and in estate (without will) successions.	1) Explain the law of Administration of Estate Trusts.	Textbooks	5.1 Distinguish between estates (will) and in estate (without will) successions. 5.2 Explain the grant of probate and letters of Administration of Estates. 5.3 Explain the Nature of trusts, kinds and their creation. 5.4 Explain the rights of beneficiaries 5.5 Explain the duties of trusts	1) Explain the law of Administration of Estate Trusts.	Textbooks

	<p>5.7 Explain the grant of probate and letters of Administration of Estates.</p> <p>5.8 Explain the Nature of trusts, kinds and their creation.</p> <p>5.9 Explain the rights of beneficiaries</p> <p>5.10 Explain the duties of trusts</p>			<p><u>Law of Property</u></p> <p>5.6 Distinguish between estates (will) and in estate (without will) successions.</p> <p>5.7 Explain the grant of probate and letters of Administration of Estates.</p> <p>5.8 Explain the Nature of trusts, kinds and their creation.</p> <p>5.9 Explain the rights of beneficiaries</p> <p>5.10 Explain the duties of trusts</p>		
General Objectives: 6.0: Understand the Law of Property						
10	<p>6.1 Explain the nature of property</p> <p>6.2 Explain the law of ownership and possession</p> <p>6.3 Distinguish between real and personal property</p> <p>6.4 Distinguish between mortgage, pledge lien etc</p> <p>6.5 Identify legal and equitable interests</p>	<p>1) Explain the nature of property.</p> <p>2) State the law of ownership and possession.</p> <p>3) Show the distinction between real and personal property.</p>	Textbooks	<p>6.1 Explain the nature of property</p> <p>6.2 Explain the law of ownership and possession</p> <p>6.3 Distinguish between real and personal property</p> <p>6.4 Distinguish between mortgage, pledge</p>	<p>1) Explain the nature of property.</p> <p>2) State the law of ownership and possession.</p> <p>3) Show the distinction between real and personal</p>	Textbooks

		<p>4) Distinguish between mortgage and pledge lien.</p> <p>5) State the legal and equitable interest.</p>		<p>lien etc</p> <p>6.5 Identify legal and equitable interests</p>	<p>property.</p> <p>4) Distinguish Between mortgage and pledge lien.</p> <p>5) State the legal and equitable interest.</p>	
General Objectives: 7.0 Understand the rudiments of the law of contract						
11-12	<p>7.1 Explain what is contract</p> <p>7.2 Explain the nature and forms of contracts</p> <p>7.3 Explain the essentials of a valid contract</p> <p>7.4. Explain terms of contract, conditions, warranties, and exclusion clauses</p> <p>7.5 Explain the vitiating elements in contracts</p> <p>7.6 Explain discharge, frustration and breach of contracts</p> <p>7.7 Explain the remedies for breach of contracts</p>	<p>1) Define what is a contract.</p> <p>2) Explain the nature and forms of contracts.</p> <p>3) Explain the general rudiments of the law of contracts.</p>	Textbooks and Lecture Materials	<p>7.1 Explain what is contract</p> <p>7.2 Explain the nature and forms of contracts</p> <p>7.3 Explain the essentials of a valid contract</p> <p>7.4. Explain terms of contract, conditions, warranties, and exclusion clauses</p> <p>7.5 Explain the vitiating elements in contracts</p> <p>7.6 Explain discharge, frustration and breach of contracts</p>	<p>1) Define what is a contract.</p> <p>2) Explain the nature and forms of contracts.</p> <p>3) Explain the general rudiments of the law of contracts.</p>	Textbooks and Lecture Materials

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

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

PROGRAMME: NATIONAL INNOVATION DIPLOMA IN SHIPPING MANAGEMENT

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:

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

- 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

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

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

General Objectives: 3.0 Know the different types of cargoes commonly carried on merchant ships						
6-9	<p>3.1 Define: mate's receipt, Boat note, Bill of Lading, Waybill, cargo manifest.</p> <p>3.2 Describe a cargo plan</p> <p>3.3 Sketch a cargo plan</p> <p>3.4 Interpret a cargo plan.</p> <p>3.5 Explain what constitutes: - General cargoes; - Bulk cargoes; - Liquid cargoes - Deck cargoes</p> <p>3.6 Define containerization.</p> <p>3.7 Explain the need for containerization</p> <p>3.8 Describe a freight container</p> <p>3.9 Describe the most common types of containers in use</p> <p>3.10 Explain what constitutes dangerous cargoes</p>	<p>1) Show samples of each document</p> <p>2) Illustrate cargo plan and interpret information with students</p> <p>3) Show sketches of different container types</p>	Over Head Projector (OHP)	<p>3.1 Define: mate's receipt, Boat note, Bill of Lading, Waybill, cargo manifest.</p> <p>3.2 Describe a cargo plan</p> <p>3.3 Sketch a cargo plan</p> <p>3.4 Interpret a cargo plan.</p> <p>3.5 Explain what constitutes: - General cargoes; - Bulk cargoes; - Liquid cargoes - Deck cargoes</p> <p>3.6 Define containerization.</p> <p>3.7 Explain the need for containerization</p> <p>3.8 Describe a freight container</p> <p>3.9 Describe the most common types of containers in use</p> <p>3.10 Explain what constitutes dangerous cargoes</p>	<p>1) Show samples of each document</p> <p>2) Illustrate cargo plan and interpret information with students</p> <p>3) Show sketches of different container types</p>	Over Head Projector (OHP)

General Objectives: 4.0 Know the various types of shipboard cargo handling gears.						
10	4.1 Describe the union purchase derrick 4.2 Describe the swinging derrick 4.3 Describe a gantry crane 4.4 Describe a jib crane 4.5 Compare the derrick with the crane 4.6 Describe most common portable gears used on board	1) Use sketches to demonstrate operation of derricks and cranes	Seamanship Vol.I & II	4.1 Describe the union purchase derrick 4.2 Describe the swinging derrick 4.3 Describe a gantry crane 4.4 Describe a jib crane 4.5 Compare the derrick with the crane 4.6 Describe most common portable gears used on board	1) Use sketches to demonstrate operation of derricks and cranes	Seamanship Vol.I & II
General Objectives: 5.0 Understand shipboard organization						
11	5.1 State the departments of a merchant ship 5.2 Sketch a ship Organogramme 5.3 Describe the duties and responsibilities of a ship master 5.4 State the duties of the officers and crew 5.5 Describe the processes involved in engagement and discharge of crews.	1) Draw a ship Organogramme and show lines of responsibility on board	Seamanship Textbooks	5.1 State the departments of a merchant ship 5.2 Sketch a ship Organogramme 5.3 Describe the duties and responsibilities of a ship master 5.4 State the duties of the officers and crew 5.5 Describe the processes involved in engagement and discharge of crews.	1) Draw a ship Organogramme and show lines of responsibility on board	Seamanship Textbooks

General Objectives: 6.0 Know the procedures for stowage, caring and discharge of various cargoes.						
12	<p>6.1 Explain what is involved in the preparation of cargo holds for dry cargoes</p> <p>6.2 Describe the duties of the cargo officer</p> <p>6.3 Describe the stowage requirements for bagged cargoes, bales, crates, cases, cartons, drums, barrels and containers</p>	<p>1) Explain what is involved in hold cleaning</p> <p>2) Use one or two types of cargo to describe stowage requirements for categories of Cargoes.</p>	Seamanship Textbooks	<p>6.1 Explain what is involved in the preparation of cargo holds for dry cargoes</p> <p>6.2 Describe the duties of the cargo officer</p> <p>6.3 Describe the stowage requirements for bagged cargoes, bales, crates, cases, cartons, drums, barrels and containers</p>	<p>1) Explain what is involved in hold cleaning</p> <p>2) Use one or two types of cargo to describe stowage requirements for categories of Cargoes.</p>	Seamanship Textbooks
General Objectives: 7.0 Know simple loading calculations using TPC, FWA and DWA						
13-14	<p>7.1 Define: TPC; FWA and DWA</p> <p>7.2 Calculate change of mean draft after loading/discharging using TPC</p> <p>7.3 Calculate cargo to load on board given TPC and FWA</p> <p>7.4 Calculate cargo to load given TPC and DWA</p> <p>7.5 Calculate ships new drafts after loading/discharging.</p>	<p>1) Define TPC, FWA, DWA</p> <p>2) Calculate cargo to load on board and mean draft</p>	Lecture Materials	<p>7.1 Define: TPC; FWA and DWA</p> <p>7.2 Calculate change of mean draft after loading/discharging using TPC</p> <p>7.3 Calculate cargo to load on board given TPC and FWA</p> <p>7.4 Calculate cargo to load given TPC and DWA</p>	<p>1) Define TPC, FWA, DWA</p> <p>2) Calculate cargo to load on board and mean draft</p>	Lecture Materials

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

PROGRAMME: NATIONAL INNOVATION DIPLOMA IN SHIPPING MANAGEMENT

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:

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

- 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

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

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

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

				Major Island Strait of Messina Adriatic Sea Aegean Sea Bosporus and Dardanelle. Sea of Marmora And Black S.		
General Objectives: 2.0 Know major parts of the world, navigable rivers and other waterways and draft restrictions.						
4-6	<p>2.1 List the major ports of the following regions:</p> <ul style="list-style-type: none"> 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 <p>2.2 State ship size restrictions in terms of draft, beam and speed in the following canals:</p> <ul style="list-style-type: none"> a. Panama 	<p>Explain factors such as land site, water site, land situation, water situation etc..</p> <p>Identify the ports showing their positions on the world map.</p> <p>Enumerate the restriction of some sample ports in 2.2 e.g. draft, approaches, length, navigation seasons, depth etc..</p> <p>Enumerate the restriction of the navigable rivers.</p> <p>Explain the importance of canals in 2.5 to shipping business.</p>	<p>Posters of ports. Maps and Charts.</p>	<p>2.6 List the major ports of the following regions:</p> <ul style="list-style-type: none"> 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 <p>2.7 State ship size restrictions in terms of draft, beam and speed in the following</p>	<p>Explain factors such as land site, water site, land situation, water situation etc..</p> <p>Identify the ports showing their positions on the world map.</p> <p>Enumerate the restriction of some sample ports in 2.2 e.g. draft, approaches, length, navigation seasons, depth etc..</p> <p>Enumerate the restriction of the navigable rivers.</p> <p>Explain the importance of</p>	<p>Posters of ports. Maps and Charts.</p>

	<ul style="list-style-type: none"> b. Kiel c. Suez d. Rhine Maine Dan use Canal e. Suez main-dam be canal <p>2.3 Explain the need for canals in certain areas of the world.</p> <p>2.4 Explain the influence of canals in certain areas of the world.</p> <p>2.5 Use a “Port Entry Guide”.</p>	Identify the reasons why canals are constructed.		<p>canals:</p> <ul style="list-style-type: none"> a. Panama b. Kiel c. Suez d. Rhine Maine Dan use Canal e. Suez main-dam be canal <p>2.8 Explain the need for canals in certain areas of the world.</p> <p>2.9 Explain the influence of canals in certain areas of the world.</p> <p>2.10 Use a “Port Entry Guide”.</p>	canals in 2.5 to shipping business. Identify the reasons why canals are constructed.	
--	--	--	--	---	--	--

General Objectives: 3.0 Understand winds

7-9	<ul style="list-style-type: none"> 3.1 Define wind. 3.2 State the factors upon which the strength of wind depends. 3.3 Describe trade winds and seasonal winds. 3.4 Define monsoon. 3.5 List the well known monsoons of the world’s major oceans. 3.6 Describe the effect of the earth’s rotation on the movement of air on the 	Describe wind with examples. Explain the factors that affect the strength of wind. Draw diagram of general atmospheric circulation to illustrate trade winds on the tropics. Explain how monsoon winds are formed.	Diagrams. Projectors. Maps.			
-----	---	--	-----------------------------	--	--	--

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

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

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

		destroy the hulls and super structures of ships.		and super structures of ships.	ships.	
--	--	--	--	--------------------------------	--------	--

General Objectives: 6.0 Know the principal trades of major ports of the world

14	<p>6.1 Describe the principal trades of ports listed in 2.1 above.</p> <p>6.2 Describe the auxiliary services provided to ships by the ports listed in 2.1.</p>	<p>Identify principal trade specialization of different ports listed in 2.1.</p> <p>Identify the auxiliary services i.e. repairs, dry docking, pilotage etc..</p>	Maps and charts.	<p>6.1 Describe the principal trades of ports listed in 2.1 above.</p> <p>6.2 Describe the auxiliary services provided to ships by the ports listed in 2.1.</p>	<p>Identify principal trade specialization of different ports listed in 2.1.</p> <p>Identify the auxiliary services i.e. repairs, dry docking, pilotage etc..</p>	Maps and charts.
----	---	---	------------------	---	---	------------------

General Objectives: 7.0 Know the distances between major ports of the world 4.0 Understand tides and ocean currents

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

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

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			COURSE CODE: SHM 126		CONTACT HOURS: 2	
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.						
COURSE SPECIFICATION : Theoretical Contents:				Practical Contents:		
General Objectives: 1.0 Know load line zones						
Week	Specific learning objective	Teacher Activities	Learning Resource	Specific Learning Objective	Teacher Activities	Learning Resource
1-2	1.1 Explain the use of a load line zone chart 1.2 Identify the limits of the various zones on a zone chart. 1.3 State the limiting dates of seasonal zones in different regions of the world 1.4 Explain the significance of special areas on zone charts. 1.5 State the load line restrictions imposed on ships when moving from one zone to another. 1.6 Explain the use of Timber load lines with respect to	1) Describe with the aid of diagrams load line zones. 2) State the limiting dates of - Summer zone - Winter zone - Tropical zone 3) State the significance of special areas with respect to water densities, summer seasons and winter. 4) Distinguish between timber	Load line chart Maps Ship model	1.1 Explain the use of a load line zone chart 1.2 Identify the limits of the various zones on a zone chart. 1.3 State the limiting dates of seasonal zones in different regions of the world 1.4 Explain the significance of special areas on zone charts. 1.5 State the load line	1) Describe with the aid of diagrams load line zones. 2) State the limiting dates of - Summer zone - Winter zone - Tropical zone 3) State the significance of special areas with respect to water densities, summer seasons and winter.	Load line chart Maps Ship model

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

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

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

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

	<p>multimodal transport operations</p> <p>4.1 Explain the concept of total transport</p> <p>4.5 Explain the need for linkage of highways and railways to ports and terminals</p>	<p>between intermodal and multimodal transport</p> <p>4) Explain the concept of MTO in total transport chain..</p>		<p>modes in the carriage of goods</p> <p>4.3 Distinguish between intermodal and multimodal transport operations</p> <p>4.2 Explain the concept of total transport</p> <p>4.5 Explain the need for linkage of highways and railways to ports and terminals</p>	<p>3) Distinguish between intermodal and multimodal transport</p> <p>4) Explain the concept of MTO in total transport chain..</p>	
General Objectives: 5.0 Understand the occurrence and effect of natural phenomena-normal and abnormal, upon trade and shipping						
12-13	<p>5.1 Explain the effect of droughts on world trade and shipping</p> <p>5.2 Explain the effect of severe winters in temperate regions on world trade and shipping.</p> <p>5.3 Explain the effect of prolonged summers in temperate regions on world trade and shipping</p> <p>5.4 Outline how natural</p>	<p>1) Describe how drought can affect agricultural products including raw materials from agric. products.</p> <p>2) State the period of winter occurrence in the arctic and antarctic regions</p>	Textbooks	<p>5.1 Explain the effect of droughts on world trade and shipping</p> <p>5.5 Explain the effect of severe winters in temperate regions on world trade and shipping.</p> <p>5.6 Explain the effect of prolonged</p>	<p>1) Describe how drought can affect agricultural products including raw materials from agric. products.</p> <p>2) State the period of winter occurrence in the arctic and</p>	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 earthquake and volcanic eruption can destroy crops and industrial areas.		summers in temperate regions on world trade and shipping 5.7 Outline how natural disaster such as earthquakes and volcanic eruptions may affect world trade and shipping.	antarctic regions of the world. 3) Explain the effects of Winter on freight rate and shipping trade.. 4) Explain how earthquake and volcanic eruption can destroy crops and industrial areas.	
General Objectives: 6.0 Know the major shipping lanes of the world						
14	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 lanes for ships sailing between ports in the Far East and the Western seaboard of North America.	1) Identify the routes available to ships on the world map between Western Europe and eastern sea-board of North America. 2) Show the routes available to tankers Via Suez Canal and Cape of Good Hope. 3) Show the routes available to tankers/ships in ports of Far	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	1) Identify the routes available to ships on the world map between Western Europe and eastern sea-board of North America. 2) Show the routes available to tankers Via Suez Canal and Cape of Good Hope. 3) Show the routes available to tankers/ships in	Textbooks

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

		broadcast, Pilotage, etc.			i.e, 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						
Week	Specific learning objective	Teacher Activities	Learning Resource	Specific Learning Objective	Teacher Activities	Learning Resource
1.	1.1 Explain the demand for ships as a derived demand for transport 1.2 State determinants of ship type options open to the ship owner 1.3 State economic criteria applicable in choosing between ship type options. 1.4 Evaluate the influence of cargo type, type of shipping operation and commercial philosophy on ship design. 1.5 Explain the economic factors which determine the design of utility and service vessels	1) Define the concept of derived demand as applied to ships. 2) Explain the factors that affect the choice of ships. 3) Explain the factors that affect ship design. 4) Show models of ship types.	Models of ship types. Pictures of ship types. Overhead projectors and Transparencies.	1.1 Explain the demand for ships as a derived demand for transport 1.2 State determinants of ship type options open to the ship owner 1.3 State economic criteria applicable in choosing between ship type options. 1.4 Evaluate the influence of cargo type, type of shipping operation and	1) Define the concept of derived demand as applied to ships. 2) Explain the factors that affect the choice of ships. 3) Explain the factors that affect ship design. 4) Show models of ship types.	Models of ship types. Pictures of ship types. Overhead projectors and Transparencies.

				commercial philosophy on ship design. 1.5 Explain the economic factors which determine the design of utility and service vessels		
General Objectives: 2.0 Understand the supply of shipping with particular reference to recent trends in the world fleet, elasticity, costs and lay-up						
2.	2.1 State the factors which affect the 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 “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 collection and interpretation	1) Explain the factors that affect the 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.	Textbooks Journals	2.1 State the factors which affect the 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 “lay-up point”.	1) Explain the factors that affect the 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.	Textbooks Journals

	of information on the supply of shipping			2.6 Explain the effect of variable cost of operation on the decision to lay-up. 2.7 Explain the effect of collection and interpretation of information on the supply of shipping		
--	--	--	--	---	--	--

General Objectives: 3.0 Understand the demand for shipping services

3.	<p>3.1 Explain the demand for transport as a derived demand from the demand for goods.</p> <p>3.2 Explain the influence of the size and structure of international trade on the demand for shipping services</p> <p>3.3 Evaluate the impact of polities on the demand for shipping services</p> <p>3.4 Explain the influence of distance on the demand for shipping services.</p> <p>3.5 Explain the influence of freight rates on the demand for shipping services.</p>	<p>1) Explain the concept of derived demand as it relates to transport.</p> <p>2) Explain the factors that affect the demand for shipping services.</p> <p>3) Explain price elasticity of demand for shipping services.</p>	<p>Graphs</p> <p>Textbooks</p> <p>Journals</p>	<p>3.1 Explain the demand for transport as a derived demand from the demand for goods.</p> <p>3.2 Explain the influence of the size and structure of international trade on the demand for shipping services</p> <p>3.3 Evaluate the impact of polities</p>	<p>1) Explain the concept of derived demand as it relates to transport.</p> <p>2) Explain the factors that affect the demand for shipping services.</p> <p>3) Explain price elasticity of demand for shipping services.</p>	<p>Graphs</p> <p>Textbooks</p> <p>Journals</p>
----	--	---	--	---	---	--

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

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

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

General Objectives: 6.0 Understand the theories of protection of trade and shipping						
6.	<p>6.1 List the various types of shipping policies</p> <p>6.2 Define protectionism</p> <p>6.3 State Coastal and Inland Shipping (Cabotage) Act of 2003.</p> <p>6.4 List the different forms of protectionism in shipping.</p> <p>6.5 Distinguish between liberalism and protectionism in shipping.</p> <p>6.6 Explain the role of the Nigerian Maritime Safety and Administration Authority (NIMASA) in the protection of Nigerian Shipping.</p> <p>6.7 State the effect of freight rates on protectionism in shipping.</p> <p>6.8 State the effect of protectionism in shipping on freight rates.</p> <p>6.9 State the advantages and disadvantages of protectionism in shipping.</p>	<p>1) Define the various types of shipping policies</p> <p>2) Explain protectionism and liberalism in shipping</p> <p>3) Explain Coastal and Inland Shipping (Cabotage) Act.</p>	<p>Textbooks</p> <p>Journals</p>	<p>6.1 List the various types of shipping policies</p> <p>6.2 Define protectionism</p> <p>6.3 State Coastal and Inland Shipping (Cabotage) Act of 2003.</p> <p>6.4 List the different forms of protectionism in shipping.</p> <p>6.5 Distinguish between liberalism and protectionism in shipping.</p> <p>6.6 Explain the role of the Nigerian Maritime Safety and Administration Authority (NIMASA) in the protection of Nigerian Shipping.</p> <p>6.7 State the effect of</p>	<p>1) Define the various types of shipping policies</p> <p>2) Explain protectionism and liberalism in shipping</p> <p>3) Explain Coastal and Inland Shipping (Cabotage) Act.</p>	<p>Textbooks</p> <p>Journals</p>

				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						
COURSE: MARITIME ECONOMICS I I			COURSE CODE: SHM 123		CONTACT HOURS: 2	
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.						
COURSE SPECIFICATION : Theoretical Contents:				Practical Contents:		
General Objectives: 1.0 Understand the pricing of shipping services						
Week	Specific learning objective	Teacher Activities	Learning Resource	Specific Learning Objective	Teacher Activities	Learning Resource
1-2	1.1 Explain the impact of freight rates on the supply of ships. 1.2 Explain the adjustment of supply of ships to the level of freight rates. 1.3 State crucial factors in market appraisal by ship owners. 1.4 Explain how a ship owner may increase the supply of ships without increasing the number of ships in his fleet. 1.5 Explain how the maximum and minimum freight rates are determined 1.6 Describe the mechanism	1) Explain the interaction between supply and freight rates in shipping appraisal. 2) Explain the factors that affect market appraisal. 3) Explain the factors that affect the facing of freight rates in shipping. 4) Evaluate the effect of fuel economy and maintenance on the supply of ships.	Textbooks Journals	1.1 Explain the impact of freight rates on the supply of ships. 1.2 Explain the adjustment of supply of ships to the level of freight rates. 1.3 State crucial factors in market appraisal by ship owners. 1.4 Explain how a ship owner may increase the supply of ships without increasing the	1) Explain the interaction between supply and freight rates in shipping appraisal. 2) Explain the factors that affect market appraisal. 3) Explain the factors that affect the facing of freight rates in shipping. 4) Evaluate the effect of fuel economy and maintenance on the supply of ships.	Textbooks Journals

	<p>of fixing freight rates in tramp shipping.</p> <p>1.7 Describe the mechanism of fixing freight rate in liner shipping.</p> <p>1.8 Describe the mechanism of fixing freight rates in tanker shipping</p>			<p>number of ships in his fleet.</p> <p>1.5 Explain how the maximum and minimum freight rates are determined</p> <p>1.6 Describe the mechanism of fixing freight rates in tramp shipping.</p> <p>1.7 Describe the mechanism of fixing freight rate in liner shipping.</p> <p>1.8 Describe the mechanism of fixing freight rates in tanker shipping</p>		
General Objectives: 2.0 Know the factors affecting balance of payments and the impact of exchange rates on trade and shipping						
3-4	<p>2.1 State the components of balance of payments with particular reference to the role of transport and shipping.</p> <p>2.2 State the factors influencing balance of</p>	<p>1) Analyse balance of payment.</p> <p>2) Explain exchange rate mechanism.</p> <p>3) Explain exchange rate fluctuations on voyage estimates.</p>	Textbooks Journals	<p>2.1 State the components of balance of payments with particular reference to the role of transport</p>	<p>1) Analyse balance of payment.</p> <p>2) Explain exchange rate mechanism.</p> <p>3) Explain exchange rate fluctuations on voyage estimates.</p>	Textbooks Journals

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

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

General Objectives: 4.0 Understand shipping costs, revenue and financial performance						
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	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	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 operation	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

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

General Objectives: 6.0 Understand port production and cost functions						
11-12	<p>6.1 Explain the role of the following factors of port production:</p> <ul style="list-style-type: none"> i) Quays ii) Port Cranes iii) Stevedoring labour iv) Administrative staff v) Transit sheds. vi) Time of ships in port vii) Time of land transport vehicles viii) Forklift trucks ix) Approach Channel x) Access road <p>6.2 Describe the relationship of the production factors in 6.1 above to total cargo through put of a port</p> <p>6.3 Explain Long-run total cost (LRTC) of port services.</p> <p>6.4 Explain short-run total cost (SRTC)of port services.</p> <p>6.5 State the short term demands of port services.</p> <p>6.6 Explain economics of scale in port operations</p>	<ul style="list-style-type: none"> 1) Describe the factors of port production 2) Explain long run and short run total costs of port services 3) Analyse short term demand of Port services. 4) Explain economies of scale in port operations. 	Textbooks Journals	<p>6.1 Explain the role of the following factors of port production:</p> <ul style="list-style-type: none"> i) Quays ii) Port Cranes iii) Stevedoring labour iv) Administrative staff v) Transit sheds. vi) Time of ships in port vii) Time of land transport vehicles viii)Forklift trucks ix) Approach Channel x) Access road <p>6.2 Describe the relationship of the production factors in 6.1 above to total cargo through put of a port</p> <p>6.3 Explain Long-run total cost (LRTC) of port</p>	<ul style="list-style-type: none"> 1) Describe the factors of port production 2) Explain long run and short run total costs of port services 3) Analyse short term demand of Port services. 4) Explain economies of scale in port operations. 	Textbooks Journals

				<p>services.</p> <p>6.4 Explain short-run total cost (SRTC) of port services.</p> <p>6.5 State the short term demands of port services.</p> <p>6.6 Explain economics of scale in port operations</p>		
General Objectives: 7.0 Understand port pricing						
13-15	<p>7.1 Explain the role of pricing policy as an investment criterion</p> <p>7.2 Explain the following charges paid by a ship calling at a port:</p> <p>i) Conservancy charge</p> <p>ii) Light dues</p> <p>iii) Dock entrance fee</p> <p>iv) Towage fee</p> <p>v) Pilotage</p> <p>vi) Berth occupancy</p> <p>vii) Carnage</p> <p>7.3 Explain the following charges:</p> <p>i) Stevedoring charges</p>	<p>1) Define port policy concept.</p> <p>2) Explain the various port charges</p> <p>3) Explain how port-tariffs in other Ports affect the fixing of tariffs by a port.</p> <p>4) Explain the need to consult port users before fixing tariffs.</p> <p>5) Carry out field trip.</p>	Textbooks Journals	<p>7.1 Explain the role of pricing policy as an investment criterion</p> <p>7.2 Explain the following charges paid by a ship calling at a port:</p> <p>i) Conservancy charge</p> <p>ii) Light dues</p> <p>iii) Dock entrance fee</p> <p>iv) Towage fee</p> <p>v) Pilotage</p>	<p>1) Define port policy concept.</p> <p>2) Explain the various port charges</p> <p>3) Explain how port-tariffs in other Ports affect the fixing of tariffs by a port.</p> <p>4) Explain the need to consult port users before fixing tariffs.</p> <p>5) Carry out field trip.</p>	Textbooks Journals

	<ul style="list-style-type: none"> ii) Warfage iii) Quayage iv) Transit shed rent etc <p>7.4 Explain the influence of port tariffs in neighbouring ports to the setting of tariffs by a port</p> <p>7.5 Explain the need to inform or consult port users before setting or increasing port tariffs</p>			<ul style="list-style-type: none"> vi) Berth occupancy vii) Carnage <p>7.3 Explain the following charges:</p> <ul style="list-style-type: none"> i) Stevedoring charges ii) Warfage iii) Quayage iv) Transit shed rent etc <p>7.4 Explain the influence of port tariffs in neighbouring ports to the setting of tariffs by a port</p> <p>7.5 Explain the need to inform or consult port users before setting or increasing port tariffs</p>		
--	---	--	--	---	--	--

PROGRAMME: NATIONAL INNOVATION DIPLOMA IN SHIPPING MANAGEMENT

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:

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

- 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

PROGRAMME: NATIONAL INNOVATION DIPLOMA IN SHIPPING MANAGEMENT						
COURSE: MARITIME LAW I			COURSE CODE: SHM 211		CONTACT HOURS: 2	
GOAL: This course is designed to provide the student with an understanding of the law affecting various aspects of shipping business.						
COURSE SPECIFICATION : Theoretical Contents:				Practical Contents:		
General Objectives: 1.0 Understand the ownership structure of ships						
Week	Specific learning objective	Teacher Activities	Learning Resource	Specific Learning Objective	Teacher Activities	Learning Resource
1 – 2	1.1 Explain the following methods of acquiring a ship: i) Transmission ii) Judicial sale iii) Purchase 1.2 State the qualifications for owning a ship in Nigeria 1.3 State the information required in a declaration of ownership on registry. 1.4 State the requirements for a managing owner of a 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	1) Explain the types of ship ownership 2) State the qualifications for owning and registering ships in Nigeria. 3) Explain joint ownership of ships 4) Produce documents showing qualification stated in shipping Act.	Overhead projector with transparencies	1.1 Explain the following methods of acquiring a ship: iv) Transmission v) Judicial sale vi) Purchase 1.2 State the qualifications for owning a ship in Nigeria 1.3 State the information required in a declaration of ownership on registry.	1) Explain the types of ship ownership 2) State the qualifications for owning and registering ships in Nigeria. 3) Explain joint ownership of ships 4) Produce documents showing qualification stated in shipping Act.	Overhead projector with transparencies

	of shares, ownership of fractional part of a share and ownership by a corporation			1.4 State the requirements for a managing owner of a 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 registration of ships						
3 – 4	2.1 Explain how registry may be granted and by whom. 2.2 State the particulars on a certificate of registry. 2.3 State the conditions for registering alterations or registering ships a new. 2.4 Explain why a Nigerian ship owner may register his ship in a foreign registry.	1) State particulars on a certificate of registry 2) Outline conditions for registering a ship in Nigeria. 3) State the advantages and disadvantages of open registries.	Merchant Shipping Act 1990 and Lecture Materials	2.1 Explain how registry may be granted and by whom. 2.2 State the particulars on a certificate of registry. 2.3 State the conditions for	1) State particulars on a certificate of registry 2) Outline conditions for registering a ship in Nigeria. 3) State the advantages and disadvantages of open registries.	Merchant Shipping Act 1990 and Lecture Materials

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

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

	of the ship owner, the safety of the ship and cargo and the welfare of all on board.			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.		
General Objectives: 5.0 Know the legal aspects of charter parties						
9 - 10	<p>5.1 Explain the following clauses, phrases and terms as applied to charter parties:</p> <ul style="list-style-type: none"> i) Address commission ii) Always afloat iii) Arbitration clause iv) Berth terms v) Bill of lading clause vi) Deviation clause vii) Exception clause viii) General average clause ix) Cesser clause x) Safe berth xi) Strike clause <p>5.2 Describe the applicability of the different forms of charter parties to different traders</p> <p>5.3 Analyse the rights,</p>	<ul style="list-style-type: none"> 1) Explain the rights, responsibilities and liabilities of charterers and ship owners. 2) Explain the necessary things the ship master must do before the ship is termed an arrived ship. 3) Define Lay day 	Lecture Materials	<p>5.1 Explain the following clauses, phrases and terms as applied to charter parties:</p> <ul style="list-style-type: none"> i) Address commission ii) Always afloat iii) Arbitration clause iv) Berth terms v) Bill of lading clause vi) Deviation clause vii) Exception clause viii) General average clause ix) Cesser clause x) Safe berth 	<ul style="list-style-type: none"> 1) Explain the rights, responsibilities and liabilities of charterers and ship owners. 2) Explain the necessary things the ship master must do before the ship is termed an arrived ship. 3) Define Lay day 	Lecture Materials

	responsibilities and liabilities of charterers 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 charterers 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 general principles of freights, liens and general average						
11 - 12	6.1 Define freight. 6.2 Explain the following i) freight on damaged goods ii) back freight iii) lump sum freight iv) advance freight and charges thereon v) distance freight vi) bill of lading freight 6.3 State when freight is	1) Define freight 2) Explain some important terms concerning freight 3) Explain types of freight 4) Give reasons why freight may not be paid by charterers. 5) State who is	Lecture Materials Textbooks	6.1 Define freight. 6.2 Explain the following i) freight on damaged goods ii) back freight iii) lump sum freight iv) advance freight and charges thereon	1) Define freight 2) Explain some important terms concerning freight 3) Explain types of freight 4) Give reasons why freight may not be paid by charterers. 5) State who is	Lecture Materials Textbooks

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

				general average is done		
--	--	--	--	----------------------------	--	--

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

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

General Objectives: 8.0 Understand the reasons for and the general philosophy of the law of the sea						
15	<p>8.1 Explain the historical background of the Law of the Sea. Convention.</p> <p>8.2 Define the following within the provisions of the Law of the Sea:</p> <ul style="list-style-type: none"> i) Baselines ii) Internal Waters and Territorial Sea iii) International Straits iv) Archipelagoes v) Contiguous Zone vi) Continental Shelf vii) Exclusive Economic Zone viii) Fisheries ix) Passages <p>8.3 State the requirements for the registration of ships within the provisions of the law of the sea</p>	<ul style="list-style-type: none"> 1) Explain the historical background of the law of the sea. 2) Define the provisions of the convention 3) Define the cardinal terminologies in the Law of the Sea. 4) State the requirements for the registrations of ships within the provisions of the Law of the sea. 	<p>Law of the Sea Convention.</p> <p>Lecture Materials</p>	<p>8.1 Explain the historical background of the Law of the Sea. Convention.</p> <p>8.2 Define the following within the provisions of the Law of the Sea:</p> <ul style="list-style-type: none"> i) Baselines ii) Internal Waters and Territorial Sea iii) International Straits iv) Archipelagoes v) Contiguous Zone vi) Continental Shelf vii) Exclusive Economic Zone viii) Fisheries ix) Passages <p>8.3 State the requirements for the registration of ships within the provisions of the law of the sea</p>	<ul style="list-style-type: none"> 1) Explain the historical background of the law of the sea. 2) Define the provisions of the convention 3) Define the cardinal terminologies in the Law of the Sea. 4) State the requirements for the registrations of ships within the provisions of the Law of the sea. 	<p>Law of the Sea Convention.</p> <p>Lecture Materials</p>

PROGRAMME: NATIONAL INNOVATION DIPLOMA IN SHIPPING MANAGEMENT

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:

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

- 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						
COURSE: MARITIME LAW I I			COURSE CODE: SHM 225		CONTACT HOURS: 2	
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.						
COURSE SPECIFICATION : Theoretical Contents:				Practical Contents:		
General Objectives: 1.0 Understand the need for and the procedures of maritime arbitration.						
Week	Specific learning objective	Teacher Activities	Learning Resource	Specific Learning Objective	Teacher Activities	Learning Resource
1-2	1.1 Define the following: Arbitration Arbitration agreement Arbitrator Reference Award Umpire Umpirage 1.2 List various shipping contracts that may provide litigious matters to be referred to arbitration. 1.6 State the main advantages and disadvantages of arbitration. 1.7 Describe the various methods of referring to arbitration. 1.8 Explain how the proceedings and award or	1) Define common terms in maritime arbitration 2) List various shipping contracts that may result in litigious matters 3) Explain maritime arbitration procedures.	Textbooks Journals Law Report	1.1 Define the following: i) Arbitration ii) Arbitration agreement iii) Arbitrator iv) Reference v) Award vi) Umpire vii) Umpirage 1.2 List various shipping contracts that may provide litigious matters to be referred to arbitration. 1.3 State the main advantages and disadvantages of arbitration.	1) Define common terms in maritime arbitration 2) List various shipping contracts that may result in litigious matters 3) Explain maritime arbitration procedures.	Textbooks Journals Law Report

	umpirage 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			1.4 Describe the various methods of referring to arbitration. 1.5 Explain how the proceedings and 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 contracts.						
3-4	2.1 Define a towage contract. 2.2 Explain the implied warrant of fitness of a tug in respect of a towage contract. 2.3 Explain the circumstances under which a tug under a towage contract may become entitled to salvage. 2.4 Explain the obligations of the tow during a towage operation, consequent upon a towage contract.	1) Define towage contract 2) Explain warrant of fitness of tug. 3) Explain obligations of the tow and the tug. 4) Explain the liabilities of the tug. 5) Define salvage 6) Explain the	Document of Lloyd's open form of standard agreement Journals Law Report Textbooks	2.1 Define a towage contract. 2.2 Explain the implied warrant of fitness of a tug in respect of a towage contract. 2.3 Explain the circumstances under which a tug under a towage contract may	1) Define towage contract 2) Explain warrant of fitness of tug. 3) Explain obligations of the tow and the tug. 4) Explain the liabilities of the tug. 5) Define salvage 6) Explain the	Document of Lloyd's open form of standard agreement Journals Law Report Textbooks

	<p>2.5 Explain the liabilities to which a tug may be subject under a towage contract for salvage award.</p> <p>2.6 Define salvage.</p> <p>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.</p> <p>2.8 Explain the conditions listed in 2.7 above</p>	<p>conditions for salvage reward</p>		<p>become entitled to salvage.</p> <p>2.4 Explain the obligations of the tow during a towage operation, consequent upon a towage contract.</p> <p>2.5 Explain the liabilities to which a tug may be subject under a towage contract for salvage award.</p> <p>2.6 Define salvage.</p> <p>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.</p> <p>2.8 Explain the conditions listed in 2.7 above</p>	<p>conditions for salvage reward</p>	
--	--	--------------------------------------	--	---	--------------------------------------	--

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

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

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

General Objectives: 5.0 Understand the role of third parties in shipping operations.						
9-10	<p>5.1 Describe the functions and mode of employment of Stevedores in a port or terminal</p> <p>5.2 Explain how a ship owner may be held liable for damage to cargo caused by stevedores.</p> <p>5.3 Explain how an owner or charterer may claim indemnity from a stevedoring firm.</p> <p>5.4 State when a port authority or terminal operators may be held liable for damage caused by stevedores.</p> <p>5.5 Explain the liability of harbour and terminal operators with respect to the safety of ships in the harbour or terminal</p> <p>5.6 State conditions under which a ship owner may be held liable for the actions of his nominated agent.</p> <p>5.7 State the conditions, which must be fulfilled before an owner, or charterer can release cargo to freight</p>	<ol style="list-style-type: none"> 1) Describe the functions of stevedores in port or terminal employment. 2) Explain the liabilities of the ship owner to third parties. 3) Explain the indemnity of the stevedoring firm to the charterer or the ship owner. 4) State the liabilities of the port authority. 5) State the liabilities of the harbour and terminal operators. 6) State the liabilities of the ship owner's agents. 7) State of the conditions for the release of cargoes to the consignee. 	<p>Hague Visby Rules</p> <p>Hamburg Rules</p> <p>Journals.</p>	<p>5.1 Describe the functions and mode of employment of Stevedores in a port or terminal</p> <p>5.2 Explain how a ship owner may be held liable for damage to cargo caused by stevedores.</p> <p>5.3 Explain how an owner or charterer may claim indemnity from a stevedoring firm.</p> <p>5.4 State when a port authority or terminal operators may be held liable for damage caused by stevedores.</p> <p>5.5 Explain the liability of harbour and terminal operators with respect to</p>	<ol style="list-style-type: none"> 1) Describe the functions of stevedores in port or terminal employment. 2) Explain the liabilities of the ship owner to third parties. 3) Explain the indemnity of the stevedoring firm to the charterer or the ship owner. 4) State the liabilities of the port authority. 5) State the liabilities of the harbour and terminal operators. 6) State the liabilities of the ship owner's agents. 7) State of the conditions for the release of cargoes to the consignee. 	<p>Hague Visby Rules</p> <p>Hamburg Rules</p> <p>Journals.</p>

	forwarder on behalf of a consignee.			the safety of ships 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 charterer can release cargo to freight forwarder on behalf of a consignee.		
General Objectives: 6.0 Understand conflict of laws as it relates to contracting parties of different nationalities.						
11.	6.1 State the need for a jurisdiction clause to be inserted in contracts involving parties of different nationalities 6.2 State the need to specify the law governing a contract: its interpretation, validity and mode of performance. 6.3 Explain the dangers	1) Explain conflict of jurisdiction clauses in contracts. 2) State laws governing interpretation, validity and mode of performance of contracts.	Text books Journals. Hamburg Rules	6.1 State the need for a jurisdiction clause to be inserted in contracts involving parties of different nationalities 6.2 State the need to specify the law governing a	1) Explain conflict of jurisdiction clauses in contracts. 2) State laws governing interpretation, validity and mode of performance of contracts.	Text books Journals. Hamburg Rules

	involved in assenting to jurisdiction in the country of the other party to a contract.			contract: its interpretation, validity and mode of performance. 6.3 Explain the dangers involved in assenting to jurisdiction in the country of the other party to a contract.		
General Objectives: 7.0 Understand Oil Pollution Liability.						
12-13	7.1 Narrate the historical background of the following compensation schemes: i) International Convention on Civil Liability for Oil Pollution Damage (CLC Convention 1969) ii) Tanker Owners' Voluntary Agreement Concerning Liability for oil pollution (TOVALOP) 1971. iii) International	1) Analyse some important provisions of oil pollution liability and compensation regimes. 2) State the rights of a coastal state in mediating pollution incidents. 3) Describe the features of the amended pollution liabilities conventions.	Text books Journals. Hamburg Rules	7.1 Narrate the historical background of the following compensation schemes: i) International Convention on Civil Liability for Oil Pollution Damage (CLC Convention 1969) ii) Tanker Owners' Voluntary Agreement Concerning Liability for oil	1) Analyse some important provisions of oil pollution liability and compensation regimes. 2) State the rights of a coastal state in mediating pollution incidents. 3) Describe the features of the amended pollution liabilities conventions.	Text books Journals. Hamburg Rules

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

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

PROGRAMME: NATIONAL INNOVATION DIPLOMA IN SHIPPING MANAGEMENT

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:

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

- 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: This course is intended to introduce the student to the basic elements of Marine Insurance.						
COURSE SPECIFICATION : Theoretical Contents:				Practical Contents:		
General Objectives: 1.0 Understand the nature of Marine Insurance						
Week	Specific learning objective	Teacher Activities	Learning Resource	Specific Learning Objective	Teacher Activities	Learning Resource
1.	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 Maritime Perils to which insurable properties could be exposed	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.

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

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

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

General Objectives: 5.0 Understand the procedures involved in effecting Marine Insurance.						
5.	5.1 State the parties involved in effecting Marine Insurance – the assured (Proposer) the broker and the Underwriter (Insurer) 5.2 Explain the use of the “Original Slip” in effecting Marine Insurance. 5.3 Explain the significance/effect of the “Slip”. 5.4 Outline the importance of the Cover Note and the Marine Policy	1) State the parties involved in effecting marine insurance 2) Explain the uses of some documents in marine insurance	Textbooks Journals	5.5 State the parties involved in effecting Marine Insurance – the assured (Proposer) the broker and the Underwriter (Insurer) 5.6 Explain the use of the “Original Slip” in effecting Marine Insurance. 5.7 Explain the significance/effect of the “Slip”. 5.8 Outline the importance of the Cover Note and the Marine Policy	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 Insurable Interest.						
6.	6.1 Explain the principle of insurable interests. 6.2 State the essentials of insurable interests 6.3 Explain when insurable interests must attach 6.4 Describe the kinds of	1) State the essentials of insurable interests 2) State when insurable interest attaches 4) Mention types of	Textbooks Journals	6.1 Explain the principle of insurable interests. 6.2 State the essentials of insurable interests 6.3 Explain when	1) State the essentials of insurable interests 2) State when insurable interest attaches	Textbooks Journals

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

				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 role and Objectives of Protection and Indemnity (P and I Club).						
9-10	<p>8.1 Explain the meanings of protection and indemnity associations – Mutual Insurance Associations.</p> <p>8.2 Outline the rules of protection and indemnity associations with reference to a particular one.</p> <p>8.3 Outline the risks covered by protection and indemnity associations.</p> <p>8.4 Explain the term “Call Fee” (contributions) paid by members to the associations.</p> <p>8.5 Explain claims procedures.</p> <p>8.6 Describe the role of P & I clubs in the provision of security and guarantees.</p>	<p>1) Explain the role of Protection and Indemnity Associations.</p> <p>2) Outline the procedure of a particular P & I club.</p> <p>3) Outline the risks covered by P & I associations.</p> <p>4) Explain some important terms in mutual insurance.</p> <p>5) Explain claims procedures.</p> <p>6) Describe the role of P & I clubs in provision of security and</p>	Textbooks Journals	<p>8.1 Explain the meanings of protection and indemnity associations – Mutual Insurance Associations.</p> <p>8.2 Outline the rules of protection and indemnity associations with reference to a particular one.</p> <p>8.3 Outline the risks covered by protection and Indemnity associations.</p> <p>8.4 Explain the term “Call Fee”</p>	<p>1) Explain the role of Protection and Indemnity Associations.</p> <p>2) Outline the procedure of a particular P & I club.</p> <p>3) Outline the risks covered by P & I associations.</p> <p>4) Explain some important terms in mutual insurance.</p> <p>5) Explain claims procedures.</p> <p>6) Describe the role of P & I clubs in provision of security and</p>	Textbooks Journals

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

PROGRAMME: NATIONAL INNOVATION DIPLOMA IN SHIPPING MANAGEMENT

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:

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

- 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 containerization and intermodal transport.
- 9.0 Understand office organization in shipping.
- 10.0 Understand incoterms and essential shipping terms.

PROGRAMME: NATIONAL INNOVATION DIPLOMA IN SHIPPING MANAGEMENT						
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	Teacher Activities	Learning Resource	Specific Learning Objective	Teacher Activities	Learning Resource
	1.1 State the basic activities in shipping.	1) Explain the basic activities in a shipping: a) Stevedoring b) Transport c) Warehousing d) Chartering and Brokerage. e) Any other.	Textbooks Lecture Materials.	1.1 State the basic activities in shipping.	1) Explain the basic activities in a shipping: a) Stevedoring b) Transport c) Warehousing d) Chartering and Brokerage. e) Any other.	Textbooks Lecture Materials.
	1.2 State the relationship of shipping with allied industries.	2) Describe the relationship of shipping with allied industries: a) Manufacturing b) Insurance c) Banks d) Any other.		1.2 State the relationship of shipping with allied industries.	2) Describe the relationship of shipping with allied industries: a) Manufacturing b) Insurance c) Banks d) Any other.	

General Objectives: 2.0 Know the historical development of shipping.

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

General Objectives: 3.0 Know the ship types and cargoes.

	<p>3.1 Explain the types of ships.</p> <p>3.2 State the types of Cargo and their classes.</p> <p>3.3 State what is stowage plan.</p> <p>3.4 Identify the methods for stowage plan.</p>	<p>1) Discuss the types of ships.</p> <p>2) Explain the various types of cargo and their classes.</p> <p>3) Explain what is stowage plan.</p> <p>4) Explain the methods of stowage plan on vessels, considering:</p> <ul style="list-style-type: none"> a) Stability b) Port of discharge c) Draught d) Types of Cargoes e) Any other. 	<p>Textbooks Lecture Materials</p>	<p>3.1 Explain the types of ships.</p> <p>3.2 State the types of Cargo and their classes.</p> <p>3.3 State what is stowage plan.</p> <p>3.4 Identify the methods for stowage plan.</p>	<p>1) Discuss the types of ships.</p> <p>2) Explain the various types of cargo and their classes.</p> <p>3) Explain what is stowage plan.</p> <p>4) Explain the methods of stowage plan on vessels, considering:</p> <ul style="list-style-type: none"> a) Stability b) Port of discharge c) Draught d) Types of Cargoes e) Any other. 	<p>Textbooks Lecture Materials</p>
--	--	---	--	--	---	--

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

General Objectives: 6.0 Understand load lines and draft.

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

General Objectives: 7.0 Know agencies and statutory bodies involved in shipping.							
	<p>7.1 State the various agencies involved in shipping:</p> <p>i. International</p> <p>ii. Local</p> <p>7.2 State the roles they play in International trade.</p> <p>7.3 State various Legislations in shipping.</p>	<p>1) Explain the Various agencies involved in shipping Wally and Internationally:</p> <p>a) NIMASA</p> <p>b) NSC</p> <p>c) NPA</p> <p>d) IMO</p> <p>e) Chambers of Shipping etc.</p> <p>2) Explain the Roles they plan in International trade.</p> <p>3) Explain the various legislations in shipping.</p> <p>a) Cabotage Act 2003.</p> <p>b) ISPS Code</p> <p>c) SOLAS</p> <p>d) Any other.</p> <p>.</p>	Lecture Note/ Materials		<p>7.1 State the various agencies involved in shipping:</p> <p>iii. International</p> <p>iv. Local</p> <p>7.2 State the roles they play in International trade.</p> <p>7.3 State various Legislations in shipping.</p>	<p>1) Explain the Various agencies involved in shipping Wally and Internationally:</p> <p>a) NIMASA</p> <p>b) NSC</p> <p>c) NPA</p> <p>d) IMO</p> <p>e) Chambers of Shipping etc.</p> <p>2) Explain the Roles they plan in International trade.</p> <p>3) Explain the various legislations in shipping.</p> <p>a) Cabotage Act 2003.</p> <p>b) ISPS Code</p> <p>c) SOLAS</p> <p>d) Any other.</p> <p>.</p>	Lecture Note/ Materials

General Objectives: 8.0 Understand coulanarization and intermodal transport.						
	<p>8.1 Define coulanarization .</p> <p>8.2 State the various types of containers, their uses, merit and demerits.</p> <p>8.3 State the different modes of transport.</p> <p>8.4 Explain Intermodal and multimodal transport.</p>	<p>1) Discuss the concept of coulanarization in international transport.</p> <p>2) Explain the types, uses, merit and demerits of containers.</p> <p>3) Explain the different types of transport.</p> <p>4) Discuss the following modal concepts: a) Internamodal b) Multimodal</p>	<p>Textbooks and Lecture Note.</p>	<p>8.1 Define coulanarization .</p> <p>8.2 State the various types of containers, their uses, merit and demerits.</p> <p>8.3 State the different modes of transport.</p> <p>8.4 Explain Intermodal and multimodal transport.</p>	<p>1) Discuss the concept of coulanarization in international transport.</p> <p>2) Explain the types, uses, merit and demerits of containers.</p> <p>3) Explain the different types of transport.</p> <p>4) Discuss the following modal concepts: a) Internamodal b) Multimodal</p>	<p>Textbooks and Lecture Note.</p>

General Objectives: 9.0 Understand office organization in shipping.

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

		organisation.			organisation.	
General Objectives: 10.0 Understand incoterms and essential shipping terms.						
3-5	<p>10.1 State the various Incoterms used in International trade.</p> <p>10.2 State factors determining choice of Incoterms in International trade.</p> <p>10.3 Explain Incoterms and non-Incoterm used in carriage of goods by Sea Act.</p>	<p>1) Explain the various Incoterms used in shipping e.g. F.O.B., CIF, C & F Ex-works.</p> <p>2) Explain the various factors that will warrant a shipper to choose an Incoterm.</p> <p>3) Explain and differentiate the incoterms and non-incoterms e.g. C.F, FOB, ex-warehouse, ex-works etc.</p>	Textbooks Lecture Materials.	<p>10.1 State the various Incoterms used in International trade.</p> <p>10.2 State factors determining choice of Incoterms in International trade.</p> <p>10.3 Explain Incoterms and non-Incoterm used in carriage of goods by Sea Act.</p>	<p>1) Explain the various Incoterms used in shipping e.g. F.O.B., CIF, C & F Ex-works.</p> <p>2) Explain the various factors that will warrant a shipper to choose an Incoterm.</p> <p>3) Explain and differentiate the incoterms and non-incoterms e.g. C.F, FOB, ex-warehouse, ex-works etc.</p>	Textbooks Lecture Materials.

PROGRAMME: NATIONAL INNOVATION DIPLOMA IN SHIPPING MANAGEMENT

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:

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

- 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.

PROGRAMME: NATIONAL INNOVATION DIPLOMA IN SHIPPING MANAGEMENT						
COURSE: PORT OPERATIONS AND MANAGEMENT I			COURSE CODE: SHM 124		CONTACT HOURS: 3	
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.						
COURSE SPECIFICATION : Theoretical Contents:				Practical Contents:		
General Objectives: 1.0 Understand the role and functions of seaport in socio-economic development						
Week	Specific learning objective	Teacher Activities	Learning Resource	Specific Learning Objective	Teacher Activities	Learning Resource
1-3	1.1 Define seaport. 1.1 Explain the relationship between the port and the national economy. 1.2 Explain the role of ports in international trade 1.3 State the functions of ports as points of entry/exit of goods. 1.4 State the functions of the port as the focal point of commercial and industrial development. 1.5 Explain the role of the port as an instrument of national development	1) Define sea port 2) Explain the functions of sea port. 6) Describe the role of ports in international trade. 4) Explain the role of a port as a foreign exchange earner for the national economy.		1.1 Define seaport. 1.2 Explain the relationship between the port and the national economy. 1.3 Explain the role of ports in international trade 1.4 State the functions of ports as points of entry/exit of goods. 1.5 State the functions of the port as the focal point of commercial and industrial development.	1) Define sea port 2) Explain the functions of sea port. 3) Describe the role of ports in international trade. 4) Explain the role of a port as a foreign exchange earner for the national economy.	

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

	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 Objectives: 4.0 Know different types of cargo handling equipment used in ports.						
6	<p>4.1 State why different cargoes and packages need different handling equipment for efficiency.</p> <p>4.2 State the handling equipment required for general cargo berths.</p> <p>4.3 State why the handling of grains requires conveyor system, suction/bucket discharges etc</p> <p>4.4 State the various handling equipment used in container terminals and the reasons for their choice.</p> <p>4.5 State the types of handling equipment required for wet cargoes e.g. pumps, pipes etc.</p>	1) Describe the various cargo handling equipment	Ship models OHP.	<p>State why different cargoes and packages need different handling equipment for efficiency.</p> <p>4.2 State the handling equipment required for general cargo berths.</p> <p>4.3 State why the handling of grains requires conveyor system, suction/bucket discharges etc</p> <p>4.4 State the various handling equipment used in container terminals and the reasons for their choice.</p> <p>4.5 State the types of handling equipment</p>	1) Describe the various cargo handling equipment	Ship models OHP.

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

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

	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.		
General Objectives: 6.0 Know how to supervise general cargo operations in ports.						
9	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.	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.	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.	

General Objectives: 7.0 Understand container terminal operations.						
10	<p>7.1 State the need and requirements for an efficient container terminal.</p> <p>7.2 Explain the role of a container-monitoring unit.</p> <p>7.3 State the average gang size of dockworkers at a container terminal.</p> <p>7.4 Explain the need for container maintenance facilities in a port area.</p>	<p>1) State principal features of a container terminal.</p> <p>2) Explain the procedures of delivery and return of empty containers and refund of container deposits.</p> <p>3) Explain the manpower requirements for container operations.</p> <p>4) Explain the need for maintenance facilities in a container terminal.</p>		<p>7.1 State the need and requirements for an efficient container terminal.</p> <p>7.2 Explain the role of a container-monitoring unit.</p> <p>7.3 State the average gang size of dockworkers at a container terminal.</p> <p>7.4 Explain the need for container maintenance facilities in a port area.</p>	<p>1) State principal features of a container terminal.</p> <p>2) Explain the procedures of delivery and return of empty containers and refund of container deposits.</p> <p>3) Explain the manpower requirements for container operations.</p> <p>4) Explain the need for maintenance facilities in a container terminal.</p>	
General Objectives: 8.0 Understand bulk terminal operations.						
11-13	<p>8.1 Differentiate between bulk and other types of cargo.</p> <p>8.2 Explain how bulk cargoes are packaged, transported, discharged and stored.</p> <p>8.3 Estimate the types and quantities of cargo handling equipment required for efficient operations in a port.</p> <p>8.4 Determine the gang size</p>	<p>1) Explain</p> <p>a) nature of cargo</p> <p>b) packaging</p> <p>f) Handling methods</p> <p>g) Equipments used</p> <p>e) Storage methods.</p> <p>2) Explain how to determine the gang</p>		<p>8.1 Differentiate between bulk and other types of cargo.</p> <p>8.2 Explain how bulk cargoes are packaged, transported, discharged and stored.</p> <p>8.3 Estimate the types</p>	<p>1) Explain</p> <p>a) nature of cargo</p> <p>b) packaging</p> <p>h) Handling methods</p> <p>i) Equipments used</p> <p>e) Storage methods.</p> <p>2) Explain how to determine the gang</p>	

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

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

PROGRAMME: NATIONAL INNOVATION DIPLOMA IN SHIPPING MANAGEMENT

COURSE TITLE: PORT OPERATIONS AND MANAGEMENT I I

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:

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

- 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						
COURSE: PORT OPERATIONS AND MANAGEMENT I I			COURSE CODE: SHM 212		CONTACT HOURS: 4	
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.						
COURSE SPECIFICATION : Theoretical Contents:				Practical Contents:		
General Objectives: 1.0 Know manpower planning methods in ports.						
Week	Specific learning objective	Teacher Activities	Learning Resource	Specific Learning Objective	Teacher Activities	Learning Resource
1.	1.1 State why the manpower of a port is one of the determinants of its cargo-throughput 1.2 Explain why the right calibre of staff particularly senior management is imperative for an efficient port organisation. 1.3 State why the various departments require different categories and numbers of personnel. 1.4 Establish the need to plan adequately for dock workers, supervisors and appropriate shifts. 1.5 State the peculiar needs of	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 cargo-throughput 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 equipment.	and the role of supervisors in the discharge of their activities. Explain equipment required to perform port operations.		various departments require different categories and numbers of personnel. 1.9 Establish the need to plan adequately for dock workers, supervisors and appropriate shifts. 1.10 State the peculiar needs of the port with reference to equipment.	and the role of supervisors in the discharge of their activities. Explain equipment required to perform port operations.	
General Objectives: 2.0 Know physical planning in ports.						
2.	2.1 Determine the physical requirements in relation to types of berths to be built in a port. 2.2 Evaluate the importance of road/rail net-works from ports to the hinterlands.	1) Explain how to determine the physical requirements in building berths in a port. 2) Draw a sketch of Apapa port on the board and explain physical size of the	Political Map of Nigeria	2.3 Determine the physical requirements in relation to types of berths to be built in a port. 2.4 Evaluate the importance of road/rail net-works from	1) Explain how to determine the physical requirements in building berths in a port. 2) Draw a sketch of Apapa port on the board and explain physical size of	Political Map of Nigeria

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

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

				<p>port as a service industry should be highly efficient and financially viable.</p> <p>4.5 Examine the advantages and disadvantages of government intervention in ports.</p>		
General Objectives: 5.0 Understand Port Management at supervisory level.						
5.	<p>5.1 State the need for competent managers to carry out delegated responsibilities.</p> <p>5.2 Assess the role of management in the smooth running of a port.</p> <p>5.3 Explain why it is imperative to give a free hand to middle level management in the planning and operation of ports</p>	<p>1) Explain management and its functions.</p> <p>2) Draw an Organogramme of a particular seaport showing levels of responsibility.</p> <p>3) Examine the role of Management in the smooth running of a port.</p> <p>4) Explain why it is necessary to give a free hand to middle management in</p>		<p>5.1 State the need for competent managers to carry out delegated responsibilities.</p> <p>5.2 Assess the role of management in the smooth running of a port.</p> <p>5.4 Explain why it is imperative to give a free hand to middle level management in the planning and operation of ports</p>	<p>1) Explain management and its functions.</p> <p>2) Draw an Organogramme of a particular seaport showing levels of responsibility.</p> <p>3) Examine the role of Management in the smooth running of a port.</p> <p>4) Explain why it is necessary to give a free hand to middle management in</p>	

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

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

PROGRAMME: NATIONAL INNOVATION DIPLOMA IN SHIPPING MANAGEMENT
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:

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

- 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 PROTECTION			COURSE CODE: SHM 121		CONTACT HOURS: 2	
GOAL:						
COURSE SPECIFICATION : Theoretical Contents:				Practical Contents:		
General Objectives: 1.0 Know the causes of marine pollution.						
Week	Specific learning objective	Teacher Activities	Learning Resource	Specific Learning Objective	Teacher Activities	Learning Resource
	1.1 Describe how development of coastal areas may cause pollution of the marine environment. 1.2 Describe how discharge of waste-water from land causes pollution of the marine environment. 1.3 Explain how pollution of the marine environment may result from industrial wastes and disposal of dredged material. 1.4 Define harmful substances/dangerous cargoes. 1.5 Explain how the transportation of harmful	1) Explain causes and sources of marine pollution.		1.1 Describe how development of coastal areas may cause pollution of the marine environment. 1.2 Describe how discharge of waste-water from land causes pollution of the marine environment. 1.3 Explain how pollution of the marine environment may result from industrial wastes and disposal of dredged material. 1.4 Define harmful	1) Explain causes and sources of marine pollution.	

	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		
General Objectives: 2.0 Know the effects of marine pollution.						
2.	<p>2.1 Define eutrophication.</p> <p>2.2 Describe the sequence of changes that characterize progressive stages of eutrophication in the sea.</p> <p>2.3 Explain the long term effects of eutrophication.</p> <p>2.4 Explain the ecological effects of marine pollution.</p> <p>2.5 Explain climate change effects believed to result from pollution of the marine environment.</p>	<p>1) List human health problems caused by marine pollution.</p> <p>2) Explain eutrophication and its effects.</p> <p>3) Explain the ecological and climatic effects of marine pollution on the environment.</p>		<p>2.1 Define eutrophication.</p> <p>2.2 Describe the sequence of changes that characterize progressive stages of eutrophication in the sea.</p> <p>2.3 Explain the long term effects of eutrophication.</p> <p>2.4 Explain the ecological effects of marine pollution.</p> <p>2.5 Explain climate change effects believed to result from pollution of the marine environment.</p>	<p>1) List human health problems caused by marine pollution.</p> <p>2) Explain eutrophication and its effects.</p> <p>3) Explain the ecological and climatic effects of marine pollution on the environment.</p>	

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

				control of operational pollution from ships		
General Objectives: 4.0 Know recent marine casualties resulting in large scale pollution						
4.	<p>4.1 Explain the foundering of the “Torrey Canyon” and the international legal regimes resulting there from.</p> <p>4.2 Cite the ‘AMOCO Cardiz’ foundering and the consequential economic, social and physical effects to coastal towns and resorts.</p> <p>4.3 Cite the ‘MT Prestige incident and the resultant effects.</p>	<p>1) Describe how ‘Torrey Canyon’ incident occurred.</p> <p>2) State international legal regimes resulting there from</p> <p>3) Explain “AMOCO Candiz foundering</p> <p>4) Explain clearly consequential economic, social and physical effects of the disaster to coastal towns and resorts.</p> <p>5) Describe “MT and prestige standing’s and its resultant effects.</p>	Video tapes/films.	<p>4.1 Explain the foundering of the “Torrey Canyon” and the international legal regimes resulting there from.</p> <p>4.2 Cite the ‘AMOCO Cardiz’ foundering and the consequential economic, social and physical effects to coastal towns and resorts.</p> <p>4.3 Cite the ‘MT prestige and the resultant effects.</p>	<p>1) Describe how ‘Torrey Canyon’ incident occurred.</p> <p>2) State international legal regimes resulting there from</p> <p>3) Explain “AMOCO Candiz foundering</p> <p>4) Explain clearly consequential economic, social and physical effects of the disaster to coastal towns and resorts.</p> <p>5) Describe “MT and prestige standing’s</p>	Video tapes/films.

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

PROGRAMME: NATIONAL INNOVATION DIPLOMA IN SHIPPING MANAGEMENT

COURSE TITLE: SIWES

CODE: SHM 199

CREDIT UNITS: 3

DURATION: 3 Months Minimum

GOAL:

GENERAL OBJECTIVES:

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

- 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						
COURSE: SIWES			COURSE CODE: SHM 199	CONTACT HOURS: 1 -0- 3		
GOAL:						
COURSE SPECIFICATION : Theoretical Contents:				Practical Contents:		
General Objectives: 1.0: Understand the organisational structure of the establishment						
Week	Specific learning objective	Teacher Activities	Learning Resource	Specific Learning Objective	Teacher Activities	Learning Resource
1.	1.1 Determine the type of management structure employed in the establishment 1.2 Draw an Organogramme of the management structure of the establishment 1.3 Explain the functions of the various departments/sections in the department 1.4 State the duties and responsibilities of principal officers of the establishment 1.5 Explain how policy decisions are arrived at in the establishment.			1.1 Determine the type of management structure employed in the establishment 1.2 Draw an Organogramme of the management structure of the establishment 1.3 Explain the functions of the various departments/sections in the department 1.4 State the duties and responsibilities of principal officers of 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		
General Objectives: 2.0: Understand the organisation of the port						
2.	2.1 State the number of berths and terminals in the port 2.2 State the number of cargo sheds and transit warehouses in the port 2.3 State the number and types of cranes in the port 2.4 List the different types of cargo handling facilities used in the port. 2.5 State the number of stevedoring companies operating in the port. 2.6 Explain the mode of operation of stevedoring companies in the port 2.7 Explain the roles of the following organisations in port areas: Customs Immigration Service			2.1 State the number of berths and terminals in the port 2.2 State the number of cargo sheds and transit warehouses in the port 2.3 State the number and types of cranes in the port 2.4 List the different types of cargo handling facilities used in the port. 2.5 State the number of stevedoring companies operating in the port. 2.6 Explain the mode of operation of 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 Objectives: 3.0: Understand Port Operations						
3.	<p>3.1 List the various services provided by the port to its users</p> <p>3.2 Explain the procedure for processing permits for the use of stevedores</p> <p>3.3 Explain the procedure for processing requests for services and equipment</p> <p>3.4 Explain how port tariffs are interpreted and applied.</p> <p>3.5 Explain the partition techniques used in cargo and transit sheds for different consignments of cargo</p> <p>3.6 Tally cargo being loaded/discharged</p> <p>3.7 Assist with the supervision</p>			<p>3.1 List the various services provided by the port to its users</p> <p>3.2 Explain the procedure for processing permits for the use of stevedores</p> <p>3.3 Explain the procedure for processing requests for services and equipment</p> <p>3.4 Explain how port tariffs are interpreted and applied.</p> <p>3.5 Explain the partition techniques used in cargo and transit sheds for different</p>		

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

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

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

PROGRAMME: NATIONAL INNOVATION DIPLOMA IN SHIPPING MANAGEMENT

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.

PROGRAMME: NATIONAL INNOVATION DIPLOMA IN SHIPPING MANAGEMENT						
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 objective	Teacher Activities	Learning Resource	Specific Learning Objective	Teacher Activities	Learning Resource
	1.1 Explain freight forwarding. 1.2 Explain the procedure introducing freight. 1.3 Explain the actor/agencies working in freight forwarding sector. 1.4 Explain the role of freight forwarding practice.	Explain freight forwarding. Explain the various agencies. Explain the procedure of freight forwarding. Explain the role of Freight Forwarding practice.	Textbooks and Excursion to the Terminal.	1.1 Explain freight and forwarding. 1.2 Explain the procedure introducing freight. 1.3 Explain the actor/agencies worked in freight forwarding. 1.4 Explain the role of freight forwarding practice.	Explain freight forwarding. Explain the various agencies. Explain the procedure of freight forwarding. Explain the role of Freight Forwarding practice.	Excursion to the Terminal.

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

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

General Objectives: 4.0 Understand the role of Nigeria Custom and Central Bank of Nigeria in Pre-Shipment and Destination Inspection Scheme.						
	<p>4.1 Know the calculation of Customs duties and charges.</p> <p>4.2 Know the roles of Central Bank of Nigeria in Pre-shipments and Destination Inspection Scheme.</p>	<p>Explain the calculation of Custom duties and Charges.</p> <p>Explain the roles of Central Bank of Nigeria and Pre-shipment and inspection scheme.</p>	<ul style="list-style-type: none"> - Textbooks - Journals - Calculators - Government Gazette on duties. 	<p>4.1 Know the calculation of Customs duties and charges.</p> <p>4.2 Know the roles of Central Bank of Nigeria and Banks under pre-shipment and destination inspection scheme.</p>	<p>Explain the calculation of Custom duties and Charges.</p> <p>Explain the roles of Central Bank of Nigeria and under pre-shipment and destination inspection scheme.</p>	<ul style="list-style-type: none"> - Textbooks - Journals - Calculators - Government Gazette on duties.

PROGRAMME: NATIONAL INNOVATION DIPLOMA IN SHIPPING MANAGEMENT

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

PROGRAMME: NATIONAL INNOVATION DIPLOMA IN SHIPPING MANAGEMENT						
COURSE: PRACTICE OF EXPORT MARKETING			COURSE CODE: SHM 224		CONTACT HOURS: 2Hrs x 15 Weeks = 30 hrs/Semester	
GOAL: This course is intended to provide students with sound knowledge and skill in Marketing as it affects Shipping Business.						
COURSE SPECIFICATION : Theoretical Contents:				Practical Contents:		
General Objectives: 1.0 Understand the basic concepts of marketing in a modern business organization.						
Week	Specific learning objective	Teacher Activities	Learning Resource	Specific Learning Objective	Teacher Activities	Learning Resource
	1.1 Define Marketing. 1.2 Explain the Basic concepts of marketing. 1.3 Explain the evolution of marketing. 1.4 Explain the role and importance of marketing. 1.5 Explain the marketing mix. 1.6 Explain the meaning and types of markets.	Explain basic concepts of marketing. Trace the evolution of marketing. Explain the role of marketing. Explain the marketing mix. Describe types of marketing.	Books Magazines.	1.1 Define Marketing. 1.2 Explain the Basic concepts of marketing. 1.3 Explain the evolution of marketing. 1.4 Explain the role and importance of marketing. 1.5 Explain the marketing mix. 1.6 Explain the	Explain basic concepts of marketing. Trace the evolution of marketing. Explain the role of marketing. Explain the marketing mix. Describe types of marketing.	Books and Magazines.

				meaning and types of markets.		
General Objectives: 2.0 Understand the role of Marketing in Export Business.						
	<p>2.1 Define international marketing.</p> <p>2.2 Explain reasons for entering into international markets.</p> <p>2.3 Explain advantages of international marketing.</p> <p>2.4 Identify problems in export business.</p> <p>2.5 Explain strategies for coping with the problems in 2.4.</p>	<p>Explain international marketing.</p> <p>Justify reason for going international.</p> <p>List problems in export business.</p> <p>Describe strategies for coping with problems in 2.3.</p>	Textbook	<p>2.1 Define international marketing.</p> <p>2.2 Explain reasons for entering into international markets.</p> <p>2.3 Explain advantages of international marketing.</p> <p>2.4 Identify problems in export business.</p> <p>2.5 Explain strategies for coping with the problems in 2.4.</p>	<p>Explain international marketing.</p> <p>Justify reason for going international.</p> <p>List problems in export business.</p> <p>Describe strategies for coping with problems in 2.3.</p>	Textbook

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

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

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

General Objectives: 6.0 Understand in Transportation modes in international trade.						
	6.1 Define distribution . 6.2 Explain Physical 6.3 Distribution Management. 6.4 Identify modes of transportation. 6.5 Explain factors to consider in the choice of transportation mode.	Explain distribution. Explain modes of transportation. Explain factors to consider in choosing modes of transportation.	Textbooks	6.1 Define distribution .6.2 Explain Physical 6.3 Distribution Management. 6.4 Identify modes of transportation. 6.5 Explain factors to consider in the choice of transportation mode.	Explain distribution. Explain modes of transportation. Explain factors to consider in choosing modes of transportation.	Textbooks
General Objectives: 7.0 Understand organization structure that promote marketing.						
	7.1 Trace the evolution of the marketing department. 7.2 Explain ways of organising the marketing department (functional, geographical, product, etc.) 7.3 Explain marketing's relationship with other departments.	Explain the evolution of marketing department. Explain ways of organizing marketing department.	Textbooks	7.1 Trace the evolution of the marketing department. 7.2 Explain ways of organising the marketing department	Explain the evolution of marketing department. Explain ways of organizing marketing department.	Textbooks

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

PROGRAMME: NATIONAL INNOVATION DIPLOMA IN SHIPPING MANAGEMENT

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.

PROGRAMME: NATIONAL INNOVATION DIPLOMA IN SHIPPING MANAGEMENT						
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
	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 purchasing on other cost.	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 requisition form - Sample L.P.O.

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

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

	system. 4.6 Differentiate Bidding and Negotiation.	Explain the term vendor. Explain Bid and Negotiation.		contract development. 4.4 Explain vendor comparison. 4.5 Explain Bidding system. 4.6 Differentiate Bidding and Negotiation.	Explain the term vendor. Explain Bid and Negotiation.	
General Objectives: 5.0 Understand the development methods in purchasing.						
	5.1 Explain the meaning of procurement and logistics. 5.2 Explain the terms: - Purchasing - Basic firms - Procedures 5.3 Explain checklist of terms and conditions.	Explain procurement and logistics. Explain the terms:	- Textbooks - Journals - Periodicals	5.1 Explain the meaning of procurement and logistics. 5.4 Explain the terms: - Purchasing - Basic firms - Procedures 5.3 Explain checklist of terms and conditions.	Explain procurement and logistics. Explain the terms:	- Textbooks - Journals - Periodicals

General Objectives: 6.0 Know the different terms of payment and procedures.						
	6.1 Explain term of payment.	- Explain payment and procedure of payment	- Textbooks - Journals.	6.5 Explain term of payment.	- Explain payment and procedure of payment.	- Textbooks - Journals.
	6.2 Explain the procedure involved in payments.			6.6 Explain the procedure involved in payments.	- Explain the different mode of payment supply contract.	
	6.3 Explain different mode of payment in supply contract.			6.7 Explain different mode of payment in supply contract.	- Explain: - Term of payment	
	6.4 Explain the relationship between term of payment and term of supply.	- Explain: - Term of payment - Terms of supply.		6.8 Explain the relationship between term of payment and term of supply.	- Terms of supply.	

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.					

PROGRAMME: NATIONAL INNOVATION MANAGEMENT DIPLOMA IN SHIPPING MANAGEMENT

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.

PROGRAMME: NATIONAL INNOVATION MANAGEMENT DIPLOMA IN SHIPPING MANAGEMENT						
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	SPECIFIC LEARNING OBJECTIVES			TEACHERS ACTIVITIES		LEARNING RESOURCES
WEEK	GENERAL OBJECTIVE			GENERAL OBJECTIVE		
WEEK	SPECIFIC LEARNING OBJECTIVE	TEACHER ACTIVITIES	LEARNING RESOURCE	SPECIFIC LEARNING OBJECTIVE	TEACHER ACTIVITIES	LEARNING RESOURCE
1 – 2	1.1 Define Management 1.2 Explain the nature and scope of Management. 1.3 Explain objectives of Management. 1.4 Explain the functions of Management.	i. Explain the nature, scope and objectives of management. ii. Explain the functions of management with examples.	1) Textbooks 2) Management Journals	1.1 Define Management 1.2 Explain the nature and scope of Management. 1.3 Explain objectives of Management. 1.4 Explain the functions of Management.	i. Explain the nature, scope and objectives of management. ii. Explain the functions of management with examples.	1) Textbooks 2) Management Journals
GENERAL OBJECTIVES: 0.2: Know the historical background of Management.						
3 - 4	2.1 Explain the evolution of Management thought including contributions made by people such as Bab-age, Fredrick Taylor, etc 2.2 Know the various schools of	i. Explain the contributions of Babb-age, Taylor etc to the development of management.	1) Textbooks	2.1 Explain the evolution of Management thought including contributions made by people such as Bab-age, Fredrick Taylor, etc 2.2 Know the various schools of	i. Explain the contributions Babb-age, Taylor etc to the development of management.	1) Textbooks

	Management thought.			Management thought.		
GENERAL OBJECTIVES: 0.3: Understand the responsibilities of a Manager.						
5 – 6	3.1 Explain who a manager is 3.2 Explain the roles and responsibilities of a manager.	i. Explain who a manager is, his roles and responsibilities.	1) Textbooks 2) Journals 3) Publications	3.1 Explain who a manager is 3.2 Explain the roles and responsibilities of a manager.	i. Explain who a manager is, his roles and responsibilities.	1) Textbooks 2) Journals 3) Publications
GENERAL OBJECTIVES: 0.4: Understand the management functions of planning.						
7 – 9	4.1 Define Planning 4.2 Explain the need for Planning 4.3 Explain types of plan. 4.4 Explain the planning process 4.5 Identify tools of management planning.	i. Explain planning, its types, process and the need for planning. ii. Explain with examples tools of management planning. iii. Conduct Test.	1) Textbooks 2) Journals 3) Publications	4.1 Define Planning 4.2 Explain the need for Planning 4.3 Explain types of plan. 4.4 Explain the planning process 4.5 Identify tools of management planning.	i. Explain planning, its types, process and the need for planning. ii. Explain with examples tools of management planning. iii. Conduct Test.	1) Textbooks 2) Journals 3) Publications
GENERAL OBJECTIVES: 0.5: Understand the management functions of organizing.						
10 - 11	5.1 Define organizing. 5.2 Explain the need for organizing. 5.3 Explain the process of organizing. 5.4 Define a basic organizational structure.	i. Explain organizing as a function. ii. Explain its process and the need for organizing. iii. Explain organization as a basic	1) Textbooks 2) Journals 3) Publications.	5.1 Define organizing. 5.2 Explain the need for organizing. 5.3 Explain the process of organizing. 5.4 Define a basic organizational structure.	i. Explain organizing as a function. ii. Explain its process and the need for organizing. iii. Explain organization as a basic	1) Textbooks 2) Journals 3) Publications 4) Management films.

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

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

PROGRAMME: NATIONAL INNOVATION MANAGEMENT DIPLOMA IN SHIPPING MANAGEMENT

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						
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	SPECIFIC LEARNING OBJECTIVES		TEACHERS ACTIVITIES		LEARNING RESOURCES	
	GENERAL OBJECTIVE			GENERAL OBJECTIVE		
WEEK	SPECIFIC LEARNING OBJECTIVE	TEACHER ACTIVITIES	LEARNING RESOURCE	SPECIFIC LEARNING OBJECTIVE	TEACHER ACTIVITIES	LEARNING RESOURCE
	1.1 Explain the meaning, scope and export trade. 1.2 Explain Export Trade as its relates to pre-sales/order, Order preparation product pricing and final order execution.	i. Define Export and state the scope. ii. Explain pre-sales/order, order preparation product pricing Final Order Execution.	Textbooks and Lecture Materials.	1.1 Explain the meaning, scope and export trade. 1.2 Explain Export Trade as its relates to pre sales/order, Order preparation product pricing and final order execution.	i. Explain Export and state the scope. ii. Explain pre-sales/order, order preparation product pricing Final Order Execution.	Textbooks and Lecture Materials.
GENERAL OBJECTIVES: 0.2: Understand Export House, Documentation and Export Office.						
	2.1 Explain Export House and Merchants. 2.2 Explain Export Documentation. 2.3 Explain the simple Complex, Vertical and Horizontal Export	i. Explain Export House and Merchant. ii. Explain Export Documentation. iii. Explain the	Textbooks Journals. Textbooks	2.1 Explain Export House and Merchants. 2.2 Explain Export Documentation. 2.3 Explain the simple Complex, Vertical and Horizontal Export	i. Explain Export House and Merchant. ii. Explain Export Documentation. iii. Explain the	Textbooks Journals. Textbooks

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

		Institution.			Institution.	
--	--	--------------	--	--	--------------	--

GENERAL OBJECTIVES: 0.4: Know International marketing and Export Administration.						
	4.1 Explain International Marketing, Export Sales Quotation/Incoterms, Licensing and Export Country. 4.2 Explain Exporting, Distribution and packing.	i. Explain International Marketing, Export Sales Quotation and Incoterms, Licensing. ii. Explain Export Distribution and Packing.	Textbooks and Lecture Materials. Textbooks	4.1 Explain International Marketing, Export Sales Quotation/Incoterms, Licensing and Export Country. 4.2 Explain Exporting, Distribution and packing.	i. Explain International Marketing, Export Sales Quotation and Incoterms, Licensing. ii. Explain Export Distribution and Packing.	Textbooks and Lecture Materials. Textbooks
GENERAL OBJECTIVES: 0.5: Understand Export Distribution, International Trade Areas and Simplification of International Trade Procedure (SITPRO)						
	5.1 Explain Export Distribution, International Trade Area and Method of payment. 5.2 Explain Cargo Insurance and Export Marketing Research. 5.3 Explain the Role of Government in Export processing Zone, Export Expansion Grants, Duty Drawback Scheme, etc. 5.4 Explain Simplification of International Trade Procedure (SITPRO)	i. Explain Export Distribution, International Trade Area and Method of payment. ii. Explain Cargo Insurance and Export Marketing Research. iii. Explain the Role of	Lecture Materials. Lecture Materials. Lecture	5.1 Explain Export Distribution, International Trade Area and Method of payment. 5.2 Explain Cargo Insurance and Export Marketing Research. 5.3 Explain the Role of Government in Export processing Zone, Export Expansion Grants, Duty Drawback Scheme, etc. 5.4 Explain Simplification of International Trade Procedure (SITPRO)	i. Explain Export Distribution, International Trade Area and Method of payment. ii. Explain Cargo Insurance and Export Marketing Research. iii. Explain the Role of	Lecture Materials. Lecture Materials. Lecture

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

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.

PROGRAMME: NATIONAL INNOVATION DIPLOMA IN SHIPPING MANAGEMENT						
COURSE: INTERNATIONAL TRADE AND PAYMENTS			COURSE CODE: SHM 215		CONTACT HOURS: 2Hrs.	
GOAL: This course is designed to provide the student the knowledge of International Trade and Payments.						
COURSE SPECIFICATION : Theoretical Contents:				Practical Contents:		
General Objectives: 1.0 Understand the concept of International Trade and documentation.						
Week	Specific learning objective	Teacher Activities	Learning Resource	Specific Learning Objective	Teacher Activities	Learning Resource
	1.1 Explain the concept of International trade. 1.2 Identify participants in international trades. 1.3 State the documents used in International transactions.	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	1.4 Explain the concept of International trade. 1.5 Identify participants in international trades. 1.6 State the documents used in International transactions.	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.

	<p>2.1 Explain Risk management in International trade.</p> <p>2.2 State the operators appraised to engage in Risk management internationally.</p> <p>2.3 State the challenges of Risk management in International trade.</p>	<p>2.1 Explain the role of risk management in foreign exchange transactions.</p> <p>2.2 Describe the authorised operators in risk management internationally</p> <ul style="list-style-type: none"> - NECGIC - ECGD - Bank - Any other <p>2.3 Explain the challenges of risk management in international trade.</p>	<p>Textbooks and Margazines</p>	<p>2.1 Explain Risk management in International trade.</p> <p>2.2 State the operators appraised to engage in Risk management internationally.</p> <p>2.3 State the challenges of Risk management in International trade.</p>	<p>2.1 Explain the role of risk management in foreign exchange transactions.</p> <p>2.2 Describe the authorised operators in risk management internationally</p> <ul style="list-style-type: none"> - NECGIC - ECGD - Bank - Any other <p>2.3 Explain the challenges of risk management in international trade.</p>	<p>Textbooks</p>
--	--	---	---------------------------------	--	---	------------------

General Objectives: 3.0 Know the method of International payments.

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

General Objectives: 4.0 Understand Bank Finance Exchange Control and Foreign Markets Operations.

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

		Programme b) Foreign Exchange deterioration. c) Foreign Exchange Transaction. d) Forward Exchange Contact e) Any other.				
General Objectives: 5.0 Know the roles of International Banks/Agencies.						
	5.1 Define the role of foreign Banks/agencies in International trade. 5.2 Identify the foreign Banks/Agencies in International trade. 5.3 State the foreign Banks/Agencies task.	5.1 Explain the role of the foreign Banks/Agencies in International transactions. 5.2 Discuss the Foreign Banks and Agencies: a) World Bank b) IMF c) ADB d) IFC e) WTO f) International Chamber of Commerce (ICC) g) Any other.				

		5.3 Explain the functions of the Foreign Banks/ Agencies				
General Objectives: 6.0 Understand Investment Appraisal Techniques.						
	6.1 Define Investment appraisal techniques. 6.2 Identify the major forms of investment appraisal techniques in International trade. 6.3 Describe the major Investment appraisal techniques in International transactions.	6.1 Explain the role of investment appraisal techniques in International trade. 6.2 Explain the major form of investment appraisal techniques in International 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:

- | | | | |
|-----|--------------------------|---|---------|
| 1. | Overhead Projectors | - | 2 Nos. |
| 2. | 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.