



DIPLOMA IN FREIGHT FORWARDING AND SUPPLY CHAIN MANAGEMENT

Introduction

The Diploma in Freight Forwarding and Supply Chain Management seeks to provide participants with both foundational principles and practical knowledge in the broad field of Freight Forwarding and Supply Chain Management. The programme will focus on domestic and international principles, trends and practices in Freight Forwarding and Supply Chain Management. As shown in the modules of study, the programme covers important areas, such as: International Trade Management, Air Freight Forwarding Operations, Sea Freight Forwarding Operations, Multimodal Transport, Customer Service & Relationship Management in Logistics, Legal Issues in Freight Management, Basic Management etc.

Course Objective

The course aims to equip participants with key skills and knowledge required to perform effectively in a freight forwarding environment. freight forwarding business is a lucrative entrepreneurial business that attract both skilled, semiskilled and unskilled labour for different operational activities, unfortunately, the presence of skilled and professionals that are needed for effective decision making were absent because of little or no education, This programme is carefully designed in line with global best practice to developed the needed professional and academic skills to effectively participate in the juicy business of maritime and aviation services and consequently make themself employed and thus eradicate poverty and its attendant crisis plaguing every facet of Nigeria economy.

Target audience for the programme

Customer Service Officer/Executive, Freight Forwarding Officer/Executive, Import/Export Officer/ Executive, Freight Supervisor, Freight Co-ordinator

First Semester Courses

Course Code	Course Title	Unit	Status
DMF101	Fundamentals of Freight Forwarding	3	C
DMF103	Information and Communication Technologies in Freight Forwarding	3	C

DMF105	Customs Planning and Procedures	3	C
DMF107	Freight Safety and Security	3	C
DMF109	Dangerous Goods Management	3	C
DMF111	Law and Insurance	3	C
DMF113	Multimodal Transport	3	C
DMF115	Sociology of Freight Forwarding	2	E

Second Semester Courses

Course Code	Course Title	Unit	Status
DMF102	Air Transport	3	C
DMF104	International Road Transport	3	C
DMF106	International Rail Transport	3	C
DMF108	Warehousing, Logistics and Supply Chain Management	3	C
DMF110	Sea and Inland Waterways	3	C
DMF112	Field Principles and Internship	3	C
DMF114	Basic Principles of Economics	2	E
DMF199	Research Project	4	C

ENTRY REQUIREMENTS

Minimum of Four (4) credits pass in WASCE / NECO / SSCE / NABTEB in not more than one sitting. Mature student with minimum of five (5) practical experience in the industry can apply.

COURSE DESCRIPTION

DMF101: FUNDAMENTALS OF FREIGHT FORWARDING

This course discuss International Freight Forwarder and the Freight Business, International Trade, Organization of the Forwarding Company, Financial Requirements, Intercontinental Transport and General Knowledge of Transport Related Geography, FIATA Documents and Forms, Special Transport Services and Packing Requirements. Learning Outcomes Students should be able to understand the legal position of a freight forwarder, his/her functions and the general structure and processes in forwarding. The interrelations between trade and forwarding should be clear to them. They should know the different FIATA documents and their applications.

DMF102: AIR TRANSPORT

This course discuss General Conditions of Air Carriage, Most Used Aircrafts and Air Pallets, Airway Bills and Accompanying Documents, Calculation of Airfreight, and Geography in Air Transport. Learning Outcomes: Students should be proficient with the basic regulations for Air Transport. They should be able to explain the ground handling and the documentation procedures

of air cargo transport. Also, they should demonstrate familiarity with airfreight pricing with examples of calculation.

DMF103: INFORMATION AND COMMUNICATION TECHNOLOGIES IN FREIGHT FORWARDING

This course discuss basic understanding of computers and its environment, role of information technologies in forwarding, data storage and database management, principles of networking and data sharing, telecommunication and its applications, electronic data interchange (EDI) and value-added network (VAN), Barcoding and its application, Internet and web-based technology, E-commerce, Web-based applications and E- marketplace, Security, Electronic funds transfer and E-payment. Learning Outcomes Students should be able to appreciate the fundamentals and essence of the use of technologies in freight forwarding. Such technologies that are applicable in forwarding, either in form of applications or standards, are focused on data collection, exchanging and manipulation. Students must also appreciate the extent of the e-business and e-commerce in the world of the Internet and the worldwide web (www). In addition, students must understand the fundamentals of security and electronic signatures used in e-commerce.

DMF104: INTERNATIONAL ROAD TRANSPORT

This course discuss Introduction to Road Transport, Legal Requirements for International Road Transport, Geography in International Road Transport, Types of Road Vehicles (Technical Standards), Waybills and Accompanying Documents (TIR Carnet), and Pricing in International Road Transport. Learning Outcomes Students should gain general knowledge of road freight forwarding, including the pros and cons of road transportation. They should gain an overview of the transport markets by road in the EU and in Nigeria.

DMF105: CUSTOMS PLANNING AND PROCEDURES

This course discuss General Information on the National Customs Administration, National Customs Tariffs, Harmonized System Code and TARC, National Customs Procedures, Liability of the Freight Forwarder, International Conventions, and Other Possible Duties Managed by the Customs Learning Outcomes Students must understand the role of the international Customs with its economic and fiscal mission in a trade facilitation driven world economy development. They

must be aware of the Nigerian Customs nomenclature, the rules and regulations governing the Nigerian Customs declaration and the various controls and customs facilitation measures for trade.

DMF 106: INTERNATIONAL RAIL TRANSPORT

This course discuss an Overview of Rail Transport, Rail Freight Calculation, Geography of Rail Transport Operation, Route Choice Determinant Factors in Rail Freight, Rail Operating Systems in the World and in Nigeria, Combined Transport in Rail, Existing Agreements on AGTC and Waybills in Rail Freight, and Rail Tariff Rate. Learning Outcomes Students should be competent to give information on the legal aspects of carriage by rail and they should be able to describe rolling stock including railcars and combined traffic by rail. They should be able to explain how to complete consignment notes and how to work with rail tariffs with reference to situation in Europe. Students should be able to demonstrate how to calculate rail freight for the Nigerian market.

DMF107: FREIGHT SAFETY AND SECURITY

This course discuss Definition of Safety and Security, Safety and Security in Nigerian Supply Chain, Security programmes in Supply Chain logistics, Main Objectives of Supply Chain Security, National Supply Chain security programmes, African Union initiatives on safety and security, ISO Supply chain Management Systems Learning Outcomes: Students should demonstrate an understanding of Security in the Transport Chain. They should have good understanding of the various global Security Programmes in the Transport Chain.

DMF108: WAREHOUSING, LOGISTICS AND SUPPLY CHAIN MANAGEMENT

This course discuss Logistics and Forwarding, Logistics Concept/Project and Physical Distribution Systems, Subsystems in Logistics and Supply Chain Management, Information Handling and Control Issues, Value Added Services, Commodity Related Systems, Rights and Duties of Warehouse Operators and the Customer, Types of Warehouses and Warehouse Documents and Information Technology for Warehouses, Construction Layout and Safety, Debit of Warehouse Charges/Rents. Learning Outcomes Students should be able to describe the role of the forwarder in logistic activities and define logistic systems. They should be able to state the main steps in a logistic project. They should be acquainted with terms such as lead time, JIT, 'pull systems', physical distribution, supply chain, tailor made services. Also, they should be familiar with the procedure of warehousing, types of warehouse and financial aspects of storage.

DMF109: DANGEROUS GOODS MANAGEMENT

This course discuss introduction and definitions of dangerous goods, brief overview of the IMDG Code and related regulations, structure of the IMDG Code, shippers and carriers' responsibilities, training requirements, seven steps to compliance, including identification and classification, packing groups and packaging, marking and labelling, documentation, placarding, stowage, reporting, and segregation of different dangerous goods onboard ship. Learning Outcomes This course while providing general knowledge of dangerous goods is particularly designed to equip students with capacity to handle dangerous goods carriage by sea and therefore students should be able to define dangerous goods, identify dangerous good, explain the legal regime governing the carriage of dangerous goods, classify dangerous goods appropriately mark and label DG consignments, navigate the IMDG Manual with ease, explain the rules governing segregation and stowage, carry out necessary DG documentation, and understand management of DG security.

DMF110: SEA AND INLAND WATERWAYS TRANSPORT

This course discuss International Organizations and Regulations in Sea Transport, Geography of Ocean Transport and Port Facilities, Types of Vessels, Documents in Shipping, Pricing of Ocean Freight, Maritime Containers, and International Conventions and Regulations. Learning Outcomes Students should be in position to give information on the basic regulations of Sea Shipments, services offered and most current types of ships in use. They should be familiar with the documents used for sea carriage. They should be able to explain the pricing of Ocean Freight. They should be able to give summary information on how inland waterway transport is organized. They should be able to list the most common barges and their particularities. They should know the documents to be used and give information on the pricing of freight shipped in barges. They should name the most important international navigable waterways and those in Nigeria.

DMF 111: LAW AND INSURANCE

This course discuss Legal Aspects of Freight Forwarding Business in Nigeria, International Business and Trade Laws, Laws of Carriage of Goods by Sea/Air/Land, FIATA rules for Freight Forwarding Services, Transport Law and Insurance, Cargo Insurance Policy, Types of Cargo Insurance Coverage, Duties of Freight Forwarder in Case of Damage, General Average Features, and Cases in Freight Forwarding. Learning Outcomes Students should be able to give information

on the different possibilities of insurance coverage and its characteristics. They should also be in position to state briefly the liability of carriers. Their knowledge should enable them deal with simple insurance issues. They should have good knowledge of Nigerian and international laws governing freight forwarding.

DMF113: MULTIMODAL TRANSPORT

This course discuss General Knowledge of Multimodal Transport, Types and Specification for the Most Used Container, Loading Procedures in Container Traffic, Geography of Container Traffic, Contracts and Pricing in Container Transport, and Multimodal Road-/Rail-Transport. Learning Outcomes Students should be able to discuss the concepts of International Multimodal Transport (IMT), identify the advantages of IMT, list the different types of IMT and its relationships with intervening parties, covering the various scopes of services provided by the MTO. They should be able to explain the various risks, responsibilities and liabilities faced by the MTO, outline the different types of international conventions covering the transport of general cargoes and dangerous goods in the different modes of transports and its combinations. They should be able to describe the executions of Import, Export and Transshipment via the IMT modes. They should be able to explain Project Forwarding and appreciate the needs of Alternative Transport Solutions.

DMF114: BASIC PRINCIPLES OF ECONOMICS

This course discuss the basic principles and concepts in economics. It focus on the following; Definitions of economics, factors of production, principles of demand and supply, the concept of opportunity cost, the concept of scarcity and other relevant issues in economics. Learning Outcomes Students should be able to understand the basic principles in economics and its application to Freight Forwarding and Supply Chain Management.

DMF115: SOCIOLOGY OF FREIGHT FORWARDING

This course deals with a description of the concept of supply chain management from sociological perspectives, with a focus on the following: the Origin and Development of Supply Chain Management, Human Relations in Supply Chain Management, Socio-Cultural Values Affecting the Practice of Supply Chain Management, and the Role of Supply Chain Management in Human Society. Learning Outcomes Students should be able to understand the essence of supply chain management in human society and the dynamics of human relations in supply chain management. They should understand the process of conflict management in supply chain management.