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| E:\E-File\Sample 5ab.jpg  CURRICULUM  FOR  SHORT (CERTIFICATE) COURSE ON PORT AND SHIPPING STUDIES  (As recommended by Academic Council)  BANGABANDHU SHIEKH MUJIBUR RAHMAN MARITIME UNIVERSITY |

**Objective:** International trade is predominantly dependent on the maritime industry. Port is playing an important role as a node to connect the global supply chain where shipping as the links between the nodes. Therefore, the efficient operation and management of port and shipping is very significant for the betterment of international trade.

This short (certificate) program will give an overview on the role, function, types and model of port, port tariff, terminal operation, key stakeholders, the port logistics system as well as shipping operation, ship broking, chartering and multimodal transportation system. The modules of the course are designed in a way that the participants will understand elaborately the activities performed within the port and the efficient management of shipping.

**Course Plan:**

**Duration of the Course: The duration of the Course will be 7 days.**

**Nature of the Course:** TheCourse will be professional in nature and class will be conducted from 10 am to 4pm.

**Total Class Hours: 36** hours

#### ****Admission Eligibility Criteria:** Graduate in any discipline.**

**Number of Seats:  40 per session**

**Medium of Instructions:** Medium of instructions will be English.

#### ****Grading Policy:****

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| Numerical scores | Grading |
| 80-100 | Excellent |
| 70-79 | Very Good |
| 60-69 | Good |
| 50-59 | Satisfactory |
| 40-49 | Attended |

**Module 1: Global Transportation System: Shipping**

* Deferent mode of Transport
* Geography of Maritime Transport
* Major Commodity Trade in the World
* Types of Shipping
* Liner shipping; Containerization and future trend
* Alliances & Consortium
* Pricing; Component of freight and surcharges

**Module 2: Regulatory Requirements and legal issues**

* Law of Admiralty Suit
* Port Acts, Ordinance, Regulations, SROs and Manuals
* Merchant Shipping ordinance 1983
* Inland Shipping Ordinance
* Carriage of Goods by Sea
* Flag Protection Laws and Cabotage
* Various Port Regulations

**Module 3: Inland Waterway Transport (IWT) in Bangladesh**

* Inland Shipping of Bangladesh; Strength and potentials
* Classification of Inland Waterway routes
* Future plan of development; dredging of river routes
* Inland ports of Bangladesh including ICT
* Impact of Protocol on Inland Water Transit & Trade (PIWTT) and Coastal Shipping Agreement in developing regional connectivity

**Module 4: Functions of Sea ports**

* Introduction of Ports
* Types of Ports
* Generation of Port (1st to 4th generation of Ports)
* Role and Functions of Ports
* Port Services
* Roles of Port Authority
* Port Community System and Stakeholders

**Module 5: Seminar: Development of port and shipping sector in value addition to the Blue Economy.**

**Module 6: Major Ports in Bangladesh and Port Users**

* Introduction of Ports in Bangladesh
* Background of Chittagong Port
* Current Scenarios of Chittagong Port
* Future Planning of Chittagong Port including Bay Terminal and Matarbari Port
* Stakeholders of Chittagong Port; Trade Unions and Other Organization
* Statutory Bodies (Customs, Immigration, Port Health, Quarantine etc.); dependencies
* Port users and intermediaries (Importers, Exporters, Shipowners, Operators, Agents, Freight Forwarders, Truckers, and Rail. & Barge Operators), Berth/Terminal Operators etc.

**Module 7: Trade Facilitation and National Single Window**

* Trade Facilitation
* Trade Facilitation Agreement of WTO
* Bangladesh’s Role in Trade Facilitation Agreement
* Customs Clearance Process
* HS code, Asycuda World System and Automation of Customs Procedure
* Authorized Economic Operator and Green Channel
* National Single Window; Trade Facilitations

**Module 8: Terminal Planning, Costs and Competition**

* Container Terminal Planning
* Terminal Cost Analysis
* Port Pricing
* Port Tariff: General structure, items and flow of charges
* Port Competition

**Module 9: Dry Ports and Port Logistics System**

* Concepts of Dry Ports or Offdock
* ICD/ Offdocks/Warehouse operation
* Potentialities and challenges of Offdocks
* Port Logistics and Information Systems

**Module 10: International Trade and Shipping**

* Documentary Credit System
* Buyers and Sellers relationship; Routing Controller
* L/C, Letter of Credit Authorization (LCA)
* Forwarder’s Cargo Receipt (FCR) and Bill of Lading
* INCOTERM; obligations of Shipper & Consignee
* Liability regime
* Importance of different Insurance coverage

**Module 11: Governance of Port**

* Port Organization and management
* Port administrative model
* Port reform; Reasons for reform
* Port Modernization; Liberalization, Commercialization, Corporatization
* Port Privatization; Management Contract, Concessional arrangements including BOT, BOOT/ etc and Comprehensive Privatization.

**Module 12: Safety and Security**

* Maritime Security
* ISPS Code Compliance
* Maritime Safety and Port Operations
* Risk Management in Port & Shipping Industry

**Module 13: Terminal operator: Chittagong Port**

* Ship Operation: Discharging & Loading
* Container Handling and landside operation
* Container Storage and Yard operation
* Container Terminal Management System (CTMS)
* IMDG (International Maritime Dangerous Goods), OOG (Out of Gauge) Container Handing System
* Less than Container load (LCL) cargo unstuffing and CFS (Container Freight Station) operation

**Module 14: Cargo Operations Management**

* Convectional cargo operations in Chittagong Port
* Outer anchorage discharging
* Jetty side and over side operation
* Landside cargo storage and delivery
* Role of berth operators, terminal operator and ship handing operator
* Productivity, Efficiency and Performance

**Module 15: Supply Chain Management**

* Supply Chain Management
* Significance of Supply Chain Management in global sourcing;
* Inventory Control, Logistics
* Role of port in Supply Chain Management
* Role of Shipping in Supply Chain

**Module 16: The Harbour and Port**

* Marine Access Channel
* Navigability: Pilotage, Towage and VTMS
* Maritime Safety; Light house, Bouy, Beacon etc.
* Marine Environment Pollution Control; Solid waste and oily waste disposal
* Search and Rescue; Role of Coast guard
* Emergency Preparedness and disaster management

**Module 17: Seminar: Port Led Economic Development**

**Module 18: Multimodal Transportation System**

* Role of Freight Forwarders and Cargo Consolidators
* Warehouse Managements and Logistics
* Quality Control and Corgo Consolidation (Stuffing)
* Consolidator’s Challenges in Bangladesh
* Role of 3PL and 4PL Logistics
* Future Challenges of Multi-modal Transport Operator

**Module 19: Logistics Challenges in Bangladesh: Buyers’ Perspective**

* Perception on Logistics Capacity of Bangladesh
* Possibilities to improve Logistics Performance indicator (LPI).
* Expectation of global buyers to the Port and Shipping sector

**Module 20: Evaluation/Assessment**

Conductor: Captain Md Minarul Hoque, (H), BCGM, psc, BN

Course Director