



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: The Course 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:

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

Speaker: Mr. Fayyaz Khundker, Managing Director, Ocean Network Express (ONE).

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

Speaker: Mr. Mohiuddin Abdul Kadir MSc (Wales), LLB, LL.M (Soton), FNI, FCILT, FCIArb, Advocate, Supreme Court of Bangladesh, Master Mariner, President - McLaw Services.

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

Speaker: Commodore Golam Sadeq (G) NGP, ndc, nsc, psc, BN, Chairman, BIWTA.

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

Speaker: Md. Zafar Alam, Member (Admin and Planning), Chittagong Port Authority.

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

Speaker: Rear Admiral (Retd.) M Khurshed Alam, ndc, psc, Secretary (Maritime Affairs Unit) Ministry of Foreign Affairs

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.

Speaker: Mr. Zafar Alam, Member (Admin & Planning), Chittagong Port Authority.

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

Speaker: Mohammed Abdul Awal, Lead consultant and trainer, AdventEdge Solutions

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

Speaker: Mr. Ahamedul Karim Chowdhury, Terminal Manager, Pangoan ICT, CPA

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

Speaker: Capt. Kamrul Islam Mazumder, Director & Chief Operating Officer (Off-Dock), Summit Alliance Port Limited

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

Speaker: Md. Tanveer Rahman, Chairman and Managing Director, Passion-Cargo Ltd.

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.

Speaker: Mr. Ahamedul Karim Chowdhury, Terminal Manager, Panagaon ICT, CPA.

Module 12: Safety and Security

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

Speaker: Captain Zillur Rahman Bhuiyan, Managing Director, Marinecare Consultants Bangladesh Ltd.

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 Handling System
- Less than Container load (LCL) cargo unstuffing and CFS (Container Freight Station) operation

Speakers: Tanveer Muhammad Nafiul Hussain, Chief Operating Officer, Terminal Operation, Saif Powertec.

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 handling operator
- Productivity, Efficiency and Performance

Speaker: Mr. Enamul Karim, Director (Traffic), Chittagong Port Authority

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

Speaker: Mohammed Zia Uddin, Head of Supply Services, Reckitt Benckiser, Bangladesh & Sri Lanka

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

Speakers: Commodore Syed Ariful Islam (TAS), ndc, psc, BN (Retd.), Ex-DG Shipping.

Module 17: Seminar: Port Led Economic Development

Speakers: Rear Admiral M K Iqbal (Retd), Vice-Chancellor, BSMRMU

Module 18: Multimodal Transportation System

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

Speaker: Captain Kazi Ali Imam, Professor, Department of Port and Shipping Management, BSMR MU.

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

Speaker: Israt Zerin, Supply Chain Manager, Marks & Spencer.

Module 20: Evaluation/Assessment

Conductor: Commodore Wahid Hasan Kutubuddin (Retd), Director, IBBBS