

Course Outline

LECTURE	TOPIC	PRIMARY READING
1	Intermodal Transportation and Containerization	M
2	The International Seaborne Trade	M,S, AR1
3	Supply and Demand in World Shipping I	S, AR2
4	Supply and Demand in World Shipping II	S, AR2
5	The Liner Shipping Industry	M,S, AR2
6	Ports I	S, AR6
7	Ports II	AR6
8	Ports III	AR6
9	EXAM	
10	Environmental Aspects of Maritime Transportation I	AR5
11	Environmental Aspects of Maritime Transportation II	AR6
12	Maritime Security	AR3
13	Quality Shipping and Maritime Safety	AR6
14	The US Maritime Transportation Industry	AR4

Detailed Course Outline

Intermodal Transportation and Containerization

The International Seaborne Trade

Supply and Demand in World Shipping I

- The Supply and Demand Context
- Trade and Freight Markets (Dry Bulk, Liquid Bulk, Liner Shipping)

Supply and Demand in World Shipping II

- The World Fleet (Structure-Ownership-Registries-Shipbuilding-Second-hand Market-Prospects-Ship Size)
- The Freight Rates

The Liner Shipping Industry

- Structure
- Developments
- Networks
- Alliances

Ports I

- The Global Setting
- Port Functions and Services
- Port Administration and Management Models

Ports II

- Port Competition
- Port Privatization and Public-Private Partnerships in the Port Sector

Ports III

- Port Financing and Investment
- Port Pricing Principles

Environmental Aspects of Maritime Transportation I

- Dredging and Management of Dredged Materials

Environmental Aspects of Maritime Transportation II

- Oil Spills and Ship Generated Wastes
- Regulatory Framework for Combating Marine Pollution

Maritime Security

- The International Ship and Ports Security Code (ISPS)
- The Container Safety Initiative (CSI)
- The C-TPAP Initiative

Quality Shipping and Maritime Safety

The US Maritime Transportation Industry