

Semester	IV	Specialization	Supply Chain Management
Course Code	412SCM	Type	Subject - Elective
Course Title	Global Logistics		

Course Objectives:	
1	To get acquainted with global dimensions of logistics management
2	To introduce basic operational aspects i.e. procedure, documentations & related legal aspects of global logistics
3	To sensitize students to basics of shipping line industry

**Syllabus:**

Unit Number	Contents	Number of Sessions
1	<p><b>1.1 Introduction to Global Logistics</b> :International Logistics Development, International Trade Logistics Chain, Shipper's Logistics Requirements in trade, 7R's of Logistics Management, 5 P's of Logistics, International Commercial Terms – Use of Incoterms in a Contract, Incoterms Laws.</p> <p><b>1.2 Logistics and Documentation:</b> Consular Invoice, Commercial Invoice, Certificate of Origin, certificate of Value, Bill of Lading, Cargo Manifest or Packing List, Health Certificate, Import license, Insurance Certificate, Export Declaration Forms.</p> <p><b>1.3 Transportation:</b> Modes of transportation, Transport and Communication, Transport activities and Land Use, Transport, Energy and the Environment.</p> <p><b>1.4 Air Cargo:</b> Transportation of goods through Air, Transportation Infrastructure, World Air Cargo growth, Benefits of Airfreight, Airport classification, International Airports of India, Types of Aircraft, Unit loading devices, Airport Charges, International Country Codes.</p>	5 + 1
2	<p><b>2.1 Carriage of Goods by Land:</b> Motor Vehicles Act, 1988, Central Motor Vehicles Rules, 1989, Carriers Act, 1865 – Definition of common carrier, Scheduled and Non Scheduled Goods, Railways Act, 1989 – Railway's liability, Merits and Demerits of Railway Transportation, Railway Freight rates.</p> <p><b>2.2 Carriage of Goods by Sea &amp; Ocean Freight &amp; Freight Calculations:</b> Ocean Shipping Methods, Ocean Freight or Tariff rates, Freight rates terminology used in international shipments, Freight surcharges, Freight Rebates, Conference Discounts, Contract Shippers, Weight or Measure in the Freight Cost Calculation, Freight Adjustments – Currency Adjustment Factor (CAF), Bunker Adjustment Factor (BAF).</p> <p><b>2.3 Types of Ships:</b> Mail and Supply Ships, Expedition Ships, Coasters, Bulk Carriers, Tankers, Refrigerated Vessels and Reefers, Livestock carriers, LNG Carriers, Car Carriers, Container Ships, Heavy lift Vessels, Tugs, Ro-Ro</p>	5 + 1

	Vessels.	
3	<p><b>3.1 Shipping Formalities:</b> Booking Shipping Space, Conference Shipping, Non-conference Shipping, Charter Shipping, Charter Party, Shipping Storage, Ocean Shipping procedure.</p> <p><b>3.2 Shipping Intermediaries:</b> Function and Roles of Custom Brokers, Freight Forwarders and Consolidators, Shipping Agents, Stevedores.</p> <p><b>3.3 The Major Port Trusts Act, 1963.</b></p> <p><b>3.4 Shipping Corporation of India:</b> Products and Services, STS Lighterage Operations</p>	5 + 1
4	<p><b>4.1 Major Ports in India:</b> Present Policy, Privatization Policy, Indian Port Policy Reform, Major Ports in India – Chennai, Cochin, Ennore, JNPT, Kandla, Mormugao, Mumbai, Paradip, NMPT, Pipavav, Tuticorin, Visakapatnam.</p> <p><b>4.2 Important Sea Routes:</b> Northern Sea route, North Atlantic Route, Mediterranean Route, Panama Route, Baltic Sea Route, Indian Ocean route, Cape Route, South Atlantic Route, North Pacific Route.</p> <p><b>4.3 International Chamber of Shipping</b></p> <p><b>4.4 World's Major Ports:</b> Major Ports and Port codes, Seaports of the world.</p>	5 + 1
5	<p><b>5.1 Containerization:</b> Origin of containerization, Origin of TEU, Container sizes - dimensions and capacity, Container Flavours, Swap Bodies, Other considerations, Registration, Container Classification numbers, Lift/Stacking fittings, Movement of containers, Recent Developments – Coltainer, Cargosprinter, Safety of container ships, Container Classification – General Cargo service, Specific cargo service, Unit Load Device, Rating – Tare Mass and Pay load of Containers, Marking and Identification of Containers. Benefits of containerization.</p> <p><b>5.2 Inland Container Depots &amp; Container Freight Stations:</b> Functions, Benefits, Requirements for successful ICD/CFS, Designs and Layout, Equipping the ICD/CFS, Procedures for approval and implementation. Concor – The Multimodal Logistics Professionals.</p>	5 + 1

**Learning Resources:**

1	Text Books	Logistics Management for International Business – Text and Cases, by Sudalaimuthu and Anthony Raj, PHI, 2009 Edition.  Global Operations and Logistics: Text and Cases by Dornier, Ernst, Fender and Kouvelis, Wiley India, 2006
2	Reference Books	Global Logistics – New Directions in Supply Chain Management, Edited by Donald Waters, Kogan Page, 5 <sup>th</sup> Edition
3	Supplementary Reading Material	Logistics in International Business by Rajiv Aserkar, Shroff Publishers, 2 <sup>nd</sup> Edition.
4	Websites	<a href="http://mhlnews.com/">http://mhlnews.com/</a>
5	Journals	Executive Insights: Global Logistics by Bowersox, Donald J.; Calantone, Roger J., Journal of International Marketing. 1998, Vol. 6 Issue 4, p83-93.  Emerging Global Logistics Networks: Implications for Transport Systems and Policies by Tavasszy, L.A.; Ruijgrok, C. J.; Thissen, M. J. P. M., Growth & Change. Fall2003, Vol. 34 Issue 4, p456-472. 17p  Logistics Industry Profile: Global , Logistics Industry Profile: Global. Dec2008, p1 –30