PORT - Maritime, Ports and Logistics Management

MARITIME PORTS LOGISTICS MGMT Courses

PORT 610. International Shipping and Supply Chain Management. 3 Credits.
Examines international freight transportation and terms for movement of
international trade; focuses on improving supply chain relationships in the
movement of international trade/directing the flow of information, materials
and products. (cross-listed with MSCM 610).

PORT 611. International Maritime Transport. 3 Credits.
Examines the international business of shipping, commercial processes,
maritime-related organizations, shipbuilding and repair, ship types and
fleets, and commodity movement. Prerequisites: an undergraduate course
in the international field such as MGMT 361, MGMT 462, or a similar
graduate course.

PORT 612. Port Operations and Management. 3 Credits.
Covers role, functions, and types of international terminals and ports,
including design and operation of general and specialized cargo handling
facilities and offshore systems, port authorities, operational structures, and
labor. Prerequisites: a graduate course in management such as MGMT 602
and a course in operations management.

PORT 613. International Maritime and Admiralty Law. 3 Credits.
International law of the sea, maritime jurisdiction, regulation of shipping,
carryage of goods, marine insurance, salvage, marine environmental law,
safety at sea, and the Oil Pollution Act of 1990 are covered, along with other
maritime laws. Prerequisites: a basic law course.

PORT 614. Port Planning and Economics. 3 Credits.
Port planning and competition, ports and ocean container shipping, port
impacts, port users in theory, port operator costing and pricing, port carriers
and shippers, government and maritime institutions, dockworkers, port
environment and port performance evaluation. Prerequisites: a course in
microeconomics such as ECON 604.

PORT 615. Maritime Security and Risk Analysis. 3 Credits.
An overview of international and U.S initiatives to ensure the security of
vessels, cargo, people, and infrastructure within the maritime domain. In
addition to the impacts of regulatory requirements on maritime commerce,
the course also addresses maritime threats to the international economy
(including maritime piracy and maritime terrorism), maritime coalitions,
and state-of-the-art techniques and tools for safeguarding oceanborne
commerce. (cross-listed with MSCM 615).

PORT 616. Reverse Logistics and Sustainable Operations. 3 Credits.
This course explores the theoretical foundations of global supply chain
partnerships and reverse logistics systems, and examines the practices,
risks, and opportunities found in today's systems. Fundamental tools
and techniques are used to provide insights and solutions on how to best
organize, manage, and optimize such systems to achieve sustainable
performance. (cross-listed with MSCM 616) Pre- or corequisite: MSCM 641
or PORT 611 or PORT 612 or instructor's permission.

PORT 617. Transportation Management. 3 Credits.
The course includes a review of the key elements of transportation such
as: modes of transportation, transportation economics, and transportation
technology and regulations. The relationships between intermediaries,
carriers and shippers are discussed, as well as company roles and operations
within the transportation field, transportation sourcing and management, and
transportation risk management.

PORT 618. Shipbuilding and Ship Repair Business Management. 3
Credits.
Examines the shipbuilding and ship repair industry from the perspective of
industry economics, industry financial management and repair operations
and acquisition processes. Provides industry professionals with business
management practices that shape the industry.

PORT 619. Marine Insurance. 3 Credits.
Examines the rise of Lloyd's and the London Insurance Market, the current
maritime insurance market, principles of insurance and law, Hull Insurance
Law, cargo insurance, general average and salvage insurance.

PORT 641. Supply Chain Management and Logistics. 3 Credits.
This course examines supply chain management, the integration of all
activities associated with the flow of materials and information from product
start to customers' receipt. Examples include order processing, warehousing,
inventory management, transportation and logistics, and the costs and
information systems supporting these activities. Particular attention will
be paid to global logistics systems supporting port and maritime activities.
Supply chain relationships can be improved through effective integration of
management and via such technologies as the World Wide Web, electronic
data exchange, and enterprise resource planning (ERP). (cross-listed with
MSCM 641).

PORT 668. Directed Research/Port Internship. 1-3 Credits.
Practical field experience in international maritime, ports and logistics
related challenges through supervised investigation and analysis of a
problem or a working internship within the port-related arena. Prerequisites:
PORT 611, PORT 612, PORT 613, and PORT 614.

PORT 695. Selected Topics in Maritime and Port Management. 3
Credits.
The advanced study of selected topics not offered on a regular basis.
Prerequisites: PORT 611 or PORT 612.

PORT 697. Independent Study. 3 Credits.
Designed to provide the opportunity for independent study under the
guidance of a member of the faculty.