Course Leaflet STC Korea

Course Description & Study Guide

Module:

Supply Chain Management
and
Logistics Consultancy

General Information

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Subject	: Supply Chain Management, Consultancy and Project Management
Code	: SCM
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Instructor	: Name of instructor 1 <<*Contact information*>> Name of instructor 2 <<*Contact information*>>
Target group	: Employees of transport-, distribution- and related companies, with some years of relevant working experience.
Admission requirements	: Bachelor in the business administration with emphasis on logistics.
Duration	: 20 day parts of 3 hours each. Fulltime or part-time participation is negotiable.

Content:

1. Course Description

1.1. General Description of Course Content

Shipping and Transport Introduction
This subject provides a thorough understanding regarding transportation modalities, inter modal transport concepts, roles and interrelations of stakeholders and transport chain players.

Supply Chain Management
In addition to the Introduction, attention is paid to some other important logistics functions, such as the management of inventory, information, terminals and warehousing. Then the dynamics, development and globalization of supply chains are explained, as well as the application of various supply chain management (SCM) concepts in practice. This not only concerns chains of transport related companies, but also supply chains formed by their clients: manufacturers, wholesalers, retailers and final users. Special attention is given to the characteristics and development of maritime SCM. Finally logistics consultancy and project management are addressed in this module, since SCM concepts are frequently developed and implemented by executing projects.

Logistics Consultancy
This section gives background to common practices of conducting consulting studies. Consulting studies are executed following a project-oriented approach. Generic steps in a consulting project are: getting started, discovery, analysis & validation, feedback of results and migration planning. There are a number of generic tools and techniques that you can use in relation to fact finding, diagnostics of issues and improvement opportunities, and validation and presentation of results. The consultancy skills that are provided in this course will be presented from a logistics perspective, i.e. there will be a problem definition on a logistics issue for which transport, warehouse and inventory analyses can be applied. In this course you will learn:

- How to plan a consulting study;
- How to do fact finding using multiple tactics for data gathering;
- How to analyse large data files and get meaningful information out of it;
- Why data validation is crucial and how to do data validation;
- How to build a benefit case for identified improvement opportunities;
- How to make a compelling storyline for the presentation;
- How to present the findings to the client.

1.2. Subjects

The following subjects will be addressed during the course:

Shipping and Transport Introduction:

- Transport Chain Players: roles and interrelations of chain partners, such as Ships Agents, Forwarders, Shippers, Warehousers, Customs, etc.

- Transport modalities: Sea, Rail, Air, Inland shipping, Road, Conveyor, Pipeline.
  Attention points for each modality: cargoes, market share, geography, chain parties, services, liabilities, international institutions, regulations, policies, documents, information systems, transport and handling equipment, transhipment, costs calculation & pricing; best practices, bottlenecks, trends & developments; strong / weak points, overall transport and handling costs; transit time door-to-door, consignment security, service reliability, break-even points, service comprehensiveness, availability of real time information.
- Multi modal, Intermodal and Combined Transport: transportation networks & hinterland connections; various multimodal concepts.

Supply Chain Management:

- Logistics Functions: Inventory Management; Advanced Information Management
- SCM Development and Concepts: Chain Characteristics, Service and Costs Aspects, SCM Development, SCM Concepts
- International Supply Chain Management: Globalisation; Outsourcing
- Warehouse management

Logistics Consultancy:

- Services
- Application Procedures
- Logistics Project Approach

1.3. Course Objectives

General objectives of the module:

Knowledge and Understanding: to provide students with verifiable knowledge and skills on (multi modal) transport, supply chain management and logistics consultancy, e.g. on:
- the possibilities and advantages of electronic communication of documents and of other information which is exchanged between multi modal transport services providers;
- the reasons and disadvantages of stock keeping and modern inventory management;
- the characteristics and dynamics of various transport-, supply- and value chains;
- the importance of supply chain management on customer service, efficiency and costs;
- the factors which have driven the development of integrated supply chain management;
- the implementation of several practical supply chain management concepts;
- the driving forces behind the globalization of supply chains;
- the factors determining the increased outsourcing of supply chain activities to specialised service providers;
- the technical and economical factors behind terminal design and –operations;
- the warehouse functions, -equipment and –processes, and warehouse location issues;
- the various consultancy and management support services.

Application of Knowledge and Understanding: to enable students to:
- manage the interdependencies in supply chains, applying various supply chain management concepts (Beer Distribution Game);

- manage major changes in terminal management, related to changing cargo flows, technical- and social developments (Europort Management Game);
- manage a logistics consultancy project (Outsourcing Case).

2. Course Organization for Participants

Lectures

The module will be executed at the premises of STC in Korea. Class room lectures will be given by qualified STC- and international guest lecturers. Power Point- and video presentations will be applied. An inter-active approach is in our opinion the most effective one. The participants will be invited for discussions, execution of assignments and presentations, which will optimize an exchange of ideas and experiences.

Assignments

Assignments will be added to the theoretical lectures. These assignments will describe situations which are as much as possible based in the situation of the participants' work environment and will focus on integration of the different aspects of the situations described. The outcomes of the assignments may be given in the form of reports, and / or verbal presentations by the participants. Feedback on assignment work will be given by the lecturers and by the group members who executed the assignment. This will ensure that not only technical knowledge and skills are practiced and assessed, but also management skills, cooperation, communication etc.

A number of (computerized) assignments and management games will be executed at this training facility. This will enable participants to practice different management decisions as a freight forwarder. We strongly believe that the interactive approach of using a simulated environment, giving participants experience in the behaviour, decisions and results of their future profession is a necessary tool in education and training the freight forwarders

3. Module Time Table

	Subject	Lecture Time		
		Contact Hours Class Lectures	Hours Self-Study and Home Assignm.	Hours Total
1	Transport Chain Players	9.0	9.0	18.0
2	Transport Modalities	9.0	9.0	18.0
3	Multi Modal Transport	9.0	9.0	18.0
4	Logistics Functions	3.0	3.0	6.0
5	SCM Development and Concepts	6.0	6.0	12.0
6	International SCM	3.0	3.0	6.0
7	Terminal and Warehouse Management	12.0	12.0	24.0
8	Logistics Consultancy	9.0	9.0	18.0
	Total	60.0	60.0	120.0

4. Literature

Textbooks:

STC Syllabi on Multi Modal Transport, Supply Chain Management and Consultancy.

Handouts

Additional handouts may be provided during the lectures and/or be made available through the website.

5. Participant Information on Examination

5.1. Examination

At the end of the course there will be a final examination on all mentioned subjects.

The exam will comply with the Teaching and Examination Regulations and may comprise basically four examination types:

(1) Multiple Choice Questions;
(2) Open questions;
(3) Short “cases”;
(4) Oral exam of.

The exam will include information on the (maximum) points which can be achieved per question and in total.

5.2. Final Grade

The final grade is composed from the grades for assignments and exam parts, as follows:

Examination Types	Percentage of grade
Multipe Choice Questions	25%
Open questions	25%
Short “cases”	25%
Oral exam	25%
Total	100%

In order to pass the module the rounded final grade should be ≥ 6.

5.3. Graduation

On successful completion the participants will be awarded with certificates that are recognized by STC.