Form 2B

City University of Hong Kong

Information on a Course
offered by Department of SEEM
with effect from Semester B in 2013/2014

Part I

Course Title: **Supply Chain Management**

Course Code: **SEEM6015**

Course Duration: **One Semester**

No. of Credit Units: **3**

Level: **P6**

Medium of Instruction: **English**

Prerequisites: **Nil**

Precursors: **Knowledge of Basic Probability & Statistics and MEEM3060 (offered until Semester A 2011/12)/SEEM3060 Operations Research**

Equivalent Courses: **MEEM6015 Supply Chain Management**

Exclusive Courses: **Nil**

Note: Students may repeat a course, or an equivalent course, to improve course grade only if the previous course grade obtained is C or below.

Part II

1. Course Aims:

This course aims to develop students' abilities to understand the components of manage the global supply chain of a company or system, including raw material procurement, storage, materials handling, production, inventory, transportation, and delivery.

2. Course Intended Learning Outcomes (CILOs):
Upon successful completion of this course, students should be able to:

No.	CILOs	Weighting* (if applicable)
1.	**Develop** a familiarity with supply chain logistics concepts	1
2.	**Explain** the important concepts and approaches in procurement of materials and distribution of finished products	2

3.	**Understand** the issues in logistics system design and operation	3
4.	**Understand** and apply appropriate mathematical principles, quantitative models and techniques to formulate and solve inventory and supply chain management problems	3
5.	**Understand** how information technology improves today's global supply chain management	2

***Weighting ranging from 1,2,3 to indicate the relative level of importance in an ascending order.**

3. Teaching and Learning Activities (TLAs)

(Indicative of likely activities and tasks designed to facilitate students' achievement of the CILOs. Final details will be provided to students in their first week of attendance in this course)

Activity Type	Timetabled Activity (Hours per week)
Lecture/Tutorial/Laboratory Mix	Lecture (3)

TLAs	Large Class Activities	Group Work	Individual Work	Total (hrs)
CILO 1	3	–	–	3
CILO 2	6	–	–	6
CILO 3	9	–	–	9
CILO 4	12	3	–	15
CILO 5	3	3	–	6
Total (hrs)	**33**	**6**	**–**	**39**

4. Assessment Tasks/Activities

(Indicative of likely activities and tasks designed to assess how well the students achieve the CILOs. Final details will be provided to students in their first week of attendance in this course)

100% Coursework (by continuous assessment)

CILO No	Group Project	Individual Coursework	Midterm Tests	Total (%)
CILO 1	5	5	–	10
CILO 2	–	5	5	10
CILO 3	10	10	10	30
CILO 4	15	10	15	40
CILO 5	5	–	5	10
Total (%)	**35**	**30**	**35**	**100**

5. Grading of Student Achievement

This is a Continuing Education Fund (CEF) Approved Course, to be eligible for reimbursement; students must achieve the following criteria;

- A minimum attendance rate of 70% (Students should sign on the attendance record for every lesson); and
- Grade C+ or above of the reimbursable course.

Grade Table

Letter Grade	Grade Point	Grade Definitions
A+ A A-	4.3 4.0 3.7	Excellent
B+ B B-	3.3 3.0 2.7	Good
C+ C C-	2.3 2.0 1.7	Adequate
D	1.0	Marginal
F	0.0	Failure
P	-	Pass

Please refer to the SGS's website for details.

Keyword Syllabus:

- Logistics systems and network
- Data collection, data management, and forecasting
- Inventory management and risk pooling
- Distribution strategies
- Information technology, bullwhip effect, and vendor managed inventory
- Freight transportation and logistics
- Transportation modeling and techniques

Recommended Reading:

Essential Reading:
Designing and Managing the Supply Chain, by Simchi-Levi, Kaminsky, Simchi-Levi, McGraw Hill
Lecture notes

Supplementary Reading:
Nil