Macao Polytechnic Institute  
School of Business  
Bachelor of E-Commerce  
Course Syllabus

Academic Year 2015 / 2016  
Semester 2

<table>
<thead>
<tr>
<th>Course Title:</th>
<th>Supply Chain Management</th>
<th>Course Code:</th>
<th>ECOM3130-32121</th>
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</thead>
<tbody>
<tr>
<td>Pre-requisite(s):</td>
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<td></td>
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<tr>
<td>Language of instruction:</td>
<td>English</td>
<td>Credits:</td>
<td>3</td>
</tr>
<tr>
<td>Course Duration: (Theory)</td>
<td>45 class hrs</td>
<td>Course Duration (Practice)</td>
<td>N.A.</td>
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<tr>
<td>Course Duration: (Practice)</td>
<td></td>
<td>Total Course Duration:</td>
<td>45 class hrs</td>
</tr>
<tr>
<td>Instructor:</td>
<td>Billy Yu</td>
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Course Description:
This course covers principles of SCM, the major components of SCM, the importance of information in SCM, and the role of Information Technology plays on SCM. The course also discusses the characteristics of SCM and its role under an E-Commerce environment. Basics of Enterprise Resource Planning (ERP) will also be included in this course. A commercial software product such as Microsoft Dynamics or Oracle E-Business Suite will be used as students’ labs.

Learning Outcomes:
Upon completion of this course, the students should be able to:
1. explain the concept of design in supply chains with considerations of product, market, and customer characteristics;
2. explain how information flows can substitute for the stock of physical resources;
3. examine the design and performance of supply networks and processes in different business contexts
4. describe the management of the benefits and risks of outsourcing, and
5. evaluate the value of optimization in SCM.
Content:

1. Introduction (3 class hours)
2. Inventory management (3 class hours)
3. Risk Pooling (6 class hours)
4. Network (4 class hours)
5. Information and Bullwhip effect (6 class hours)
6. Project audit and corrections (3 class hours)
7. Distribution Strategy (3 class hours)
8. Mid-term Examination (1.5 class hours)
9. Strategic Alliance (1.5 class hours)
10. Outsourcing (3 class hours)
11. Risk management (3 class hours)
12. Customer Value and IT (2 class hours)
13. Project Presentations (3 class hours)
14. Final Examination (3 class hours)

Teaching Methods:
Students are required to prepare for and actively participate in class discussions. Other than passive listening, they are expected to take notes and ask questions in lectures as well as in group discussions. The projects expect students to be creative and students should apply the course material as well as knowledge from other subjects than what they learn in SCM.

Attendance:
Attendance during the course must meet the attendance requirements as stated in the ‘Academic and Disciplinary Rules and Regulations’. Students who have less than the required attendance for the enrolled subject are not eligible to attend the final and re-sit examinations and will be given an “F” as their final grade.

Assessment:
1. Assignments & Project 30%
2. Midterms 20%
3. Examination 50%

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Total: 100%
Teaching Materials:

Course textbook:

References:

Note:
1. The above class schedule is tentative and subject to change depending on the progress of the students.
2. Students are responsible for ALL materials covered in class AND in the textbook.