Operations Management

CATHOLIC UNIVERSITY OF KOREA

강 의 계 획 서

2013학년도 제2학기

교과목명	국 문	생산관리			
	영 문	Operations Management			
과목번호-분반	00437-03	이수구분	제1전공필수	시간/학점	3/3
요일 및 시간 (강의실)	월1(N410), 금 1~2(N410)	수강대상		선수과목	.
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1.교과목 개요

In a world economy that is becoming increasingly integrated and interdependent, the relationship between Operations Management and Supply Chain Management is becoming ever more complex. The globalization of business operations, the re-allocations of resources worldwide have significantly reshaped the structure of Traditional Operations Management (Throughput or Internal Process Flow); Starting point (Input) and Ending Point (Consumers' Satisfaction) have been added into the Value-Stream-Mapping of Operational Process ? Forming a platform for Operations and Supply Chain Management (OSCM), a leapfrog from Efficiency to Effectiveness.
The course is designed to integrate the Concepts of Supply Chain into the topic of Traditional Operations Management, focusing on the flow from Materials and Jobs (Input), through the Processes of Operations (Throughput), all the way out to the final Products and Consumers' Satisfaction (Output). This integration is intended to provide students with a platform of Strategic Thinking, Sustainable Thinking, and Life-Cycle Thinking, as well as Transformational Thinking from Efficiency to Effectiveness in Operations Management as a whole.
Therefore: This course is structured in three themes progressing from basic and fundamental Concepts and Rationales of OSCM (Theme One: Chapter 1-5), through Process Controls (Theme 2: Chapter 6-9), and then to the Application of OSCM in the context of Sustainability, Green Operations, as well as the transformation from Efficiency to Effectiveness (Theme 3: Chapter 10-14).

2. 강의목표

The Objectives of this course are threefold in line with three structured themes:
Theme 1: Be able to explain the fundamentals of Operations and Supply Chain Management (Chapter 1-5)
Theme 2: Be able to explain, describe, and apply simple techniques in Process Controls such as Six Sigma, PERT, Outsourcing, Location, Logistics and Distribution in both Manufacturing and Services industry (Chapter 6-9)
Theme 3: Be able to establish an integrated understanding of Macro-Processes-Flow from Suppliers through Managerial Operations, to the End-Users; a Transformational viewpoint from Traditional Operations Management, via Efficiency, to Effectiveness Driven Management (Chapter 10-14)

3. 강의방법

Knowledge is for action; Action is for achievement; Achievement is for fulfillment.
This course is designed to connect the concepts, theories and techniques with the case analysis. The purpose of doing so is to train students' ability corresponding to the Course Objectives described above. Therefore, Students are expected to: Dress as business casual (Professionalism)
? Be active and contributive in team work
? Complete the assigned readings before coming to class
? Be prepared for case analysis before coming to class

4. 평가방법

Classroom Performance (Participation & Discussions): 20%
Mid-Term Exam: 40%
Final Exam: 40%
Total: 100%

Note: All home work will be assigned to and evaluated upon team work; active participation in both class and team activities is critical to your final grade, of which, 20% will be counted for your Presentations, and 20% will be counted for your Peers' Evaluation!

5. 과제물

6. 실험, 실습계획

7. 관련강의

8. 교재

도서명	출판사	저자	연도	교재여부
Operations and Supply Chain Management	The Core, 2nd Edition	Robert Jacobs and Richard B. Chase	2010	교재

9. 강의일정 및 내용

주	기간	강의내용	참고자료	비고
1	2013-09-01 ~ 2013-09-07	Chapter 1: Operations and Supply Chain Management	Readings: Chapter 1	
2	2013-09-08 ~ 2013-09-14	Chapter 2: Strategy and Sustainability	Readings: Chapter 3	
3	2013-09-15 ~ 2013-09-21	Chapter 3: Strategic Capacity Management	Readings: Chapter 3	
4	2013-09-22 ~ 2013-09-28	Chapter 4: Production Processes	Readings: Chapter 4	
5	2013-09-29 ~ 2013-10-05	Chapter 5: Service Processes	Readings: Chapter 5	
6	2013-10-06 ~ 2013-10-12	Chapter 6: Quality Management and Six Sigma	Readings: Chapter 6	
7	2013-10-13 ~ 2013-10-19	Chapter 6: Quality Management and Six Sigma	Readings: Chapter 6	
8	2013-10-20 ~ 2013-10-26	MID-TERM EXAM		
9	2013-10-27 ~ 2013-11-02	Chapter 7: Project Management	Readings: Chapter 7	
10	2013-11-03 ~ 2013-11-09	Chapter 8: Global Sourcing and Procurement	Readings: Chapter 8	
11	2013-11-10 ~ 2013-11-16	Chapter 9: Location, Logistics, and Distribution	Readings: Chapter 9	
12	2013-11-17 ~ 2013-11-23	Chapter 10: Lean and Sustainable Supply Chain	Readings: Chapter 10	
13	2013-11-24 ~ 2013-11-30	Chapter 11: Demand Management and Forecasting	Readings: Chapter 11	
14	2013-12-01 ~ 2013-12-07	Chapter 12: Sales and Operations Planning	Readings: Chapter 12	
15	2013-12-08 ~ 2013-12-14	REVIEW AND FINAL EXAM		

주	기간	강의내용	참고자료	비고
16	2013-12-15 ~ 2013-12-21	REVIEW AND FINAL EXAM		