

Syllabus [2025Year 2 Term]

Course Information

Course Title	Operations Management	Credits	3
Course Code	469570-1	Required/Elective (For Undergraduate Courses)	Mandatory Major
Department or Major	Department of International Business Administration	Language	English
Methods of Teaching		Lecture Room	금1,2,3,4,5,6(국제307)
Time Allotment	Lecture(3) Experiments(0) Trainging & Practice(0) Performance(0) Designing & Planning(0)	Cyber Lectures	
Course Type	offline		
Cyber Lectures Preview			

Lecturer

Lecturer	Name	Seiwook Chung	Rank	Part-Time Lecturer	Final Academic Degree	석사
	Department & college	Department of Business Administration (Evening)		Office		
	Office Phone Number	—		e-mail	seiwook.chung@dankook.ac.kr	
	Field of Interest					

Course Summary

Course Description	This is to walk through basic operations management in order for students to envision operations in business not only for manufacturing but also for extended scopes for the entire organization. This course is designed to provide both quantitative and qualitative approaches in operations management.
Description Related Courses	Financial Accounting, SCM, Quality Management
Course Goals	지식융합역량
Projected Results	Goals for attending students are to – Understand basics approaches in operations management – Self define what Operations Management can mean for my future career

	<ul style="list-style-type: none"> - Improve the understandability of Operational topics - Get familiar with operations related terms"
Percentage of the original language classes(%)	
Cyber Lectures Preview	

Syllabus

Times	Lecture Topic	Lecture Goals	Lecture Methods	Assignments
1	Class introduction	Class norms/goals and syllabus	강의,	
2	Basics of operations management	What operations management is in various aspects	강의,	
3	Supply chain planning	Demand planning (Statistic, Consensus, Bullwhip effect)	강의,	
4	Production & Capacity 1	Manufacturing org., production planning	강의,	
5	Production & Capacity 2	Capacity, bottleneck, detailed scheduling, shop floor control	강의,	
6	Production & Capacity 3	Production process simulation	강의,	
7	Midterm		강의,	
8	Production & Capacity 4	Types of work center, cost & manufacturing accounting	강의,	
9	Manufacturing engineering	Manufacturing process, SOP	강의,	
10	Quality 1	Total quality management, QA, QC, Reliability	강의,	
11	Quality 2	SQM, ISO, Boeing 737 Max case	강의,	
12	Project management & EHS	Project management beyond production, EHS & regulations	강의,	
13	Service Operations	Service operations process and quality evaluation	강의,	
14	Operations management cases	Quality failure, RFID, BCP, SixSigma	강의,	
15	Final exam			

Methods of Grading

sequence	Description	Percentage	Details
1	Mid-term Exam	40%	in-class on e-Class. Laptop needed.
2	Final-exam	45%	in-class on e-Class. Laptop needed.
3	Pop Quizzes	0%	
4	Assignments	0%	
5	Reports	0%	
6	Presentations & Discussions	5%	Participation in class
7	Attendance	10%	
8		0%	
9	Others	0%	
All		100%	

Core of Value

핵심가치	전공역량	역량정의	역량구분	값(%)
혁신 (Discovery)	창의적문제해결 (Creative problem-solving)	주어진 상황과 문제를 창의적으로 해결할 수 있는 능력		0%
혁신 (Discovery)	도전 (Challenging)	전공 지식을 새로운 분야와 융합하고 아우를 수 있는 능력		0%
혁신 (Discovery)	지식융합 (Knowledge convergence)	새로운 분야를 개척하거나 도전적으로 임할 수 있는 능력	주역량	0%
헌신 (Dedication)	세계시민 (Universal value)	세계 공동체 구성원으로 전공자로서 국제적 이슈에 대응할 수 있는 능력		0%
헌신 (Dedication)	상호협력 (Cooperation)	공동의 목적 달성을 위해 타인과 상호협력을 할 수 있는 능력		0%
헌신 (Dedication)	공동체 (Sense of community)	공동체의 구성원으로서 필요한 태도와 윤리의식을 가질 수 있는 능력		0%
능동 (self-Determination)	자기주도 (Self-Managing)	주어진 상황과 문제를 주도적이고 능동적으로 해결할 수 있는 능력		0%
능동 (self-Determination)	지식활용 (Knowledge application)	주어진 상황과 문제에 대해 논리적으로 파악하고 분석할 수 있는 능력	부역량	0%

핵심가치	전공역량	역량정의	역량구분	값(%)
능동 (self-Determination)	논리적사고 (Logical thinking)	전공관련 지식을 필요에 따라 다양하게 적용하고 활용할 수 있는 능력	부역량	0%
능동 (self-Determination)	의사소통 (Articulation)	대화를 통해 다양한 의견을 조율하고 합의를 이끌어 낼 수 있는 능력		0%

Textbook(s) & References

Description	Title	Author	Publisher
Recommended Textbook	Operations and Supply Chain Management	David A. Collier	Cengage Learning

Memo