

Course No.	406.310	Lecture No.		Course Title (Subtitle)	Production Control		Credit	3
Representative Instructor	Name	ILKYEONG MOON (post : Full Prof.)			Homepage	http://scm.snu.ac.kr		
	E-mail	ikmoon@snu.ac.kr			Phone No.	02-880-7151		
	Interview Time/Place : M/W 2-3pm, Room 39-330							
Prerequisite Course								
* 1.Purpose of Course	Students completing this course should be able to: 1. Understand the main concepts of operations management. 2. Apply key tools and strategies used by operations managers 3. Understand how to select the best applicable tools and concepts for a given situation, taking into account the effects of cost, quality, product life cycle, competitiveness and other constraints.							
* 2.Materials and Reference	Cachon and Terwiesch (2019), Matching Supply with Demand: An Introduction to Operations Management, 4th edition, McGraw-Hill							
* 3.Evaluation Method	Attendance	Task	Medium	Final	Random Evaluation	Attitude	Other	Total
	1%	7%	36%	36%	%	20%	8%	100
	Attendance Policy : Students who are absent for over 1/3 of the class will receive a grade of 'F' or 'U' for the course. (Exceptions can be made when the cause of absence is deemed unavoidable by the course instructor.)							
	Remark of Others : This includes Quiz, Beer game, and 7-minute speech							
* 4.Lecture Plan	◇ Lecture Plan should be entered in the form of the week plan. (from the 1st week to at least the 15th week)							
	1주	Overview of production and operations management						
	2주	The process view of the organization						
	3주	Understanding the supply process						
	4주	Estimating and reducing labor costs						
	5주	Setup times and the economic order quantity model						
	6주	Link between operations and finance						
	7주	Lean operations and Toyota production system						
	8주	Variability and its impact on process performance Midterm Exam						
	9주	The impact of variability on process performance: throughput losses						
	10주	Scheduling to prioritize demand						
	11주	Project management						
	12주	The newsvendor model						
	13주	Assemble-to-order, make-to-order, and quick response with reactive capacity						
	14주	Service levels and lead times in supply chains						
15주	Revenue management with capacity controls Final Exam							

5.References to Course Registration	All students should present a 7-minute speech once during the semester. The material should be found from international newspapers, magazines, and journal articles.	
6. Support Services for Students with Disabilities	For Lectures	<ul style="list-style-type: none"> ○ Visual Impairment: Make textbooks(digital textbook, braille textbook, enlarged textbook etc.), Allow note takers ○ Physical Disability: Make textbooks (digital textbook), Allow note takers and assistants ○ Hearing Impairment: Allow note takers and translators, Allow lecture recording ○ Health Impairment: Excuse absence due to health problems, Allow note takers ○ Learning Disability: Allow note takers ○ Intellectual Disability / Autism Spectrum Disorder: Allow note takers and mentors
	For Assignments & Evaluations	<ul style="list-style-type: none"> ○ Visual Impairment / Physical Disability / Hearing Impairment / Health Impairment / Learning Disability: Extend assignment deadlines, Offer alternate assignment submission and response method, Extend testing period, Offer alternate testing method, Offer different testing room ○ Intellectual Disability / Autism Spectrum Disorder: Offer individualized assignments and alternative evaluations
	Others	Students who take this course can get appropriate level of support service including the support listed above depending on the students' individual characteristics and needs through consultation with professors and the Support Center for Students with Disabilities. If you have any questions concerning support service for students with disabilities you can contact Professor *** (02-880-****) or Support Center for Students with Disabilities (02-880-8787).