

Course #	457.657	Lecture #	001	Title	Civil and Environmental Project Mgmt	Credit	3.0
Lecture	Monday 3:30-5:30pm (35-317)						

Lecturer	Name: Prof. Seokho Chi	
	E-mail: shchi@snu.ac.kr	Phone: 02-880-7344
	TA: Hwikyung Chun (35-427, 880-4146, hwic22@snu.ac.kr)	

Course Objectives	<ul style="list-style-type: none"> • Understanding of construction industry, markets and policies • Introduction to Construction Management (CM) and Project Management (PM) principles • Development of construction professionals • Understanding current industry problems, improvement opportunities and mitigation strategies
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Textbook and References	<ul style="list-style-type: none"> • Textbook <ul style="list-style-type: none"> - Lecture slides and handouts • References <ul style="list-style-type: none"> - Construction Management A to Z, 2nd Edition, 한미글로벌, 보문당 - Project Management for Engineering and Construction (PMEC), Garold D. Oberlender, McGraw-Hill - Construction Planning and Scheduling, Jimmie W. Hinze, Pearson Prentice Hall - 한국 건설 산업의 성공 키워드 CM/PM, 한국 건설 산업 연구원, 보성각 - A Guide to the Project Management Body of Knowledge (PMBOK Guide, Fourth Edition), PMI (Project Management Institute)
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Assessment	Attendance	Individual A.	Group A.	Mid-Exam	Final Exam	Others	TOTAL
	5%	15%	30%	20%	30%		100%

Note	<ul style="list-style-type: none"> • This class is allowed only for the graduate students. • “THIS IS AN INTRODUCTORY COURSE OF CONSTRUCTION MANAGEMENT (CM)/PROJECT MANAGEMENT (PM), ONLY FOR THE STUDENTS WHO HAVE NOT ENROLLED IN CM/PM-RELATED COURSES BEFORE. IF YES, THE STUDENT IS NOT ENCOURAGED TO RESISTER.” • English lecture, presentation, and assignment • Ready for group assignment - Teamwork and active participation are required • Still flexible lecture contents • Follow SNU’s assessment standards
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Cheating and Plagiarism	<ul style="list-style-type: none"> • 0% for the given assessment item without any excuse • Penalty by SNU’s regulations
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Detailed Lecture Schedule	Week (Date)	Lecture Contents	Others
	Week 1 (3/5)	Course Introduction	
	Week 2 (3/12)	Introduction to Project Management Project Objective Setting	
	Week 3 (3/19)	Project Delivery and Contract Methods Pre-Project Planning	
	Week 4 (3/26)	Pre-Project Planning	Group Presentation (1)
	Week 5 (4/2)	Decision and Risk Analysis	
	Week 6 (4/9)	Project Scheduling	
	Week 7 (4/16)	Project Scheduling	
	Week 8 (4/23)	Mid-Semester Examination	
	Week 9 (4/30)	Project Cost Estimating	Group Presentation (2) Group Project Interim Report Due
	Week 10 (5/7)	No Class	
	Week 11 (5/14)	Procurement and Construction	
	Week 12 (5/21)	Project Control and Risk Management	
	Week 13 (5/28)	Safety Management PMIS and IT Applications	
	Week 14 (6/4)	Final Examination	
Week 15 (6/11)	Final Group Presentation	Group Project Final Report Due	