

Course #	457.307	Lecture #	001	Title	Construction Planning and Management	Credit	3.0
Lecture	Monday/Wednesday 11:00am – 12:15pm (35-316)						

Lecturer	Name: Prof. Seokho Chi	
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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
평가	5%	15%	30%	20%	30%	-	100%

Note	<ul style="list-style-type: none"> • 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 3/16 3/18	Course Introduction Construction Industry	
	Week 2 3/23 3/25	Introduction to Project Management Project Objective Setting	
	Week 3 3/30 4/1	Project Delivery and Contract Methods	
	Week 4 4/6 4/8	Pre-Project Planning	
	Week 5 4/13 4/15	Decision and Risk Analysis Voting Day (4/15)	
	Week 6 4/20 4/22	Decision and Risk Analysis Scheduling	
	Week 7 4/27 4/29	Scheduling	
	Week 8 5/4 5/6	5/4: Mid-Semester Exam Cost Estimating	
	Week 9 5/11 5/13	Mid-term Group Presentation	Mid-term Report Due (5/11)
	Week 10 5/18 5/20	Engineering Economics	
	Week 11 5/25 5/27	Procurement and Construction	
	Week 12 6/1 6/3	Project Control Safety Management	
	Week 13 6/8 6/10	Construction IT Applications	
	Week 14 6/15 6/17	Final Group Presentation	Final Report Due (6/15)
	6/21	Final Exam	