

Course #	457.308	Lecture #	457.308	Title	건설시공학 (Construction Method and Equipment)	Credit	3.0
Lecture	Tuesday, Thursday 4:00pm – 5:15pm (35–316)						

Lecturer	Name: Seokho Chi (Professor)	
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Course Objectives	<ul style="list-style-type: none"> <li>• Introduction and understanding of construction projects</li> <li>• Understanding construction methods and construction machines</li> <li>• Developing a balanced understanding of the construction industry and the theory / practice</li> <li>• Cultivate background knowledge as a construction expert</li> </ul>
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Textbook and References	<ul style="list-style-type: none"> <li>• Textbook <ul style="list-style-type: none"> <li>- Lecture slides and handouts</li> <li>- 살아있는 토목시공학, 이승언 저, 제 2 판, 구미서관</li> </ul> </li> <li>• References <ul style="list-style-type: none"> <li>- 건설공사를 위한 계약 및 적산, 박홍태 저, 구미서관</li> <li>- Construction Planning, Equipment, and Methods, Peurifoy &amp; Schexnayder, 6<sup>th</sup> Ed, McGraw-Hill</li> </ul> </li> </ul>
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Assessment	Attendance	Individual A.	Group A.	Mid-Exam	Final Exam	TOTAL
	10%	15%	15%	30%	30%	100%

Note	<ul style="list-style-type: none"> <li>• Still flexible lecture contents</li> <li>• Follow SNU's assessment standards</li> </ul>
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Cheating and Plagiarism	<ul style="list-style-type: none"> <li>• 0% for the given assessment item without any excuse</li> <li>• Penalty by SNU's regulations</li> </ul>
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Detailed Lecture Schedule	주	강의내용	기타
	Week 1 (9.5 / 9.7)	Course Introduction Introduction to Project Management (1)	
	Week 2 (9.12 / 9.14)	Introduction to Project Management (2) Construction Estimation (1)	
	Week 3 (9.19 / 9.21)	Construction Estimation (2) Practice Sessions - Construction Estimation (1)	223
	Week 4 (9.26 / 9.28)	Practice Sessions - Construction Estimation (2) Earthmoving and Equipment (1)	223
	Week 5 (10.3 / 10.5)		추석연휴
	Week 6 (10.10 / 10.12)	Earthmoving and Equipment (2) Earthmoving and Equipment (3)	
	Week 7 (10.17 / 10.19)	Estimate construction machine construction capacity <b>Mid-term Examination</b>	
	Week 8 (10.24 / 10.26)	Practice sessions - Earthmoving and Equipment Simulation (1) Practice sessions - Earthmoving and Equipment Simulation (2)	223
	Week 9 (10.31 / 11.2)	Foundation Engineer (1) Foundation Engineer (2)	
	Week 10 (11.7 / 11.9)	Concrete (1) Concrete (2)	
	Week 11 (11.14 / 11.16)	<b>Group Presentation</b> Bridge (1)	
	Week 12 (11.21 / 11.23)	Bridge (2) Tunnel (1)	
	Week 13 (11.28 / 11.30)	Tunnel (2) Special Lecture	
	Week 14 (12.5 / 12.7)	Safety Management	
Week 15 (12.12 / 12.14)	Lecture Review <b>Final Examination</b>		