

Course	457.308	Lecture	457.308	Title	Construction Methods and Equipment	Credit	3.0
Lecture	Tuesday, Thursday 2:00pm – 3:15pm (35–316)						

Lecturer	Name: Professor Seokho Chi	
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	TA Information: Seonghyeon Moon (35 – 429, blank54@snu.ac.kr) TA Office Hour: Tuesday, Thursday 5pm – 6pm or with e-mail appointment	

Course Objectives	<ul style="list-style-type: none"> • Introduction to civil construction practices • Introduction to construction methods and equipment • Understanding current industry problems and improvement opportunities • Development of construction professionals
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Textbook and References	<ul style="list-style-type: none"> • Textbook <ul style="list-style-type: none"> - Lecture slides and handouts - 살아있는 토목시공학, 이승언 저, 제 2 판, 구미서관 • References <ul style="list-style-type: none"> - Construction Planning, Equipment, and Methods, Peurifoy & Schexnayder, 6th Ed, McGraw-Hill
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Assessment	Attendance	Assignment	Mid-Exam	Final Exam	TOTAL
	15%	25%	30%	30%	100%

Note	<ul style="list-style-type: none"> • English lecture, assignment, and exam <ul style="list-style-type: none"> - Some lectures (guest lectures, industry labs) will be delivered in Korean • 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	Assignment Due
	Week 1 (9.3 / 9.5)	9/3: Course Introduction 9/5: Introduction to Construction Projects (1)	
	Week 2 (9.10 / 9.12)	9/10: Introduction to Construction Projects (2) 9/12: Construction Estimation	
	Week 3 (9.17 / 9.19)	9/17: No Class (Choo-Seok) 9/19: No Class (Choo-Seok)	
	Week 4 (9.24 / 9.26)	9/24: Estimation Lab (1) 9/26: Estimation Lab (2)	*Korean Lecture @ 35-223
	Week 5 (10.1 / 10.3)	10/1: Earthmoving and Equipment (1) 10/3: No Class (Gae-Cheon-Jeol)	Assignment 1 Released
	Week 6 (10.8 / 10.10)	10/8: Earthmoving and Equipment (2) 10/10: Earthmoving and Equipment (3)	Assignment 2 Released
	Week 7 (10.15 / 10.17)	10/15: No Class (SNU Anniversary) 10/17: Mid-Semester Examination	
	Week 8 (10.22 / 10.24)	10/22: Exam Review and Foundation (1) 10/24: No Class due to 10/29 3-hour Lecture	
	Week 9 (10.29 / 10.31)	10/29: Guest Lecture on Industry Practices 10/31: Foundation (2)	*10/29: 3-hour Korean Lecture @ 35-223
	Week 10 (11.5 / 11.7)	11/5: Concrete (1) 11/7: Concrete (2)	
	Week 11 (11.12 / 11.14)	11/12: Tunnel Construction (1) 11/14: Tunnel Construction (2)	
	Week 12 (11.19 / 11.21)	11/19: Bridge Construction (1) 11/21: Bridge Construction (2)	
	Week 13 (11.26 / 11.28)	11/26: Guest Lecture on Industry Practices 11/28: Road Construction (1)	*11/26: 3-hour Korean Lecture @ 35-223 (Tentatively scheduled)
	Week 14 (12.3 / 12.5)	12/3: Road Construction (2) 12/5: Dam Construction (1)	
Week 15 (12.10 / 12.12)	12/10: Dam Construction (2) 12/12: Final Examination		