

<b>Course #</b>	457.308	<b>Lecture #</b>	457.308	<b>Title</b>	Construction Methods and Equipment	<b>Credit</b>	3.0
<b>강의</b>	Monday, Wednesday 11:00am – 12:15pm (35–316)						

<b>Lecturer</b>	Name: Prof. Seokho Chi	
	E-mail: <a href="mailto:shchi@snu.ac.kr">shchi@snu.ac.kr</a>	Phone: 02-880-7344
	TA:: Jeongah Lee ( <a href="mailto:a201211902@snu.ac.kr">a201211902@snu.ac.kr</a> , 35-219, 02-880-7370)	

<b>Course Objectives</b>	<ul style="list-style-type: none"> <li>• Introduction and understanding of civil engineering construction project</li> <li>• Understanding of construction method and construction equipment</li> <li>• Balance the understanding of the construction industry and the theory / practice</li> <li>• Raising background knowledge as a construction expert</li> </ul>
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<b>Textbook and References</b>	<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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<b>Assessment</b>	Attendance	Individual A.	Group A.	Mid-Exam	Final-Exam	Total
	10%	15%	15%	30%	30%	100%

<b>Note</b>	<ul style="list-style-type: none"> <li>• Still flexible lecture contents</li> <li>• Follow SNU's assessment standards</li> </ul>
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<b>Cheating and Plagiarism</b>	<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	Week(Date)	Lecture Contents	Others
	Week 1 (9.3 / 9.5)	Course Introduction Understanding Construction Projects (1)	
	Week 2 (9.10 / 9.12)	Understanding construction projects (2) Estimation and cost management (1)	
	Week 3 (9.17 / 9.19)	Estimation and cost management (2) Earthmoving and Equipment (1)	
	Week 4 (9.24 / 9.26)	Korean Thanksgiving Day	
	Week 5 (10.1 / 10.3)	Estimation and cost management practice (1) National Foundation Day	신양학술정보관(44-1) 207 호
	Week 6 (10.8 / 10.10)	Estimation and cost management practice (2) Earthmoving and Equipment (2)	신양학술정보관(44-1) 207 호
	Week 7 (10.15 / 10.17)	Earthmoving and Equipment (3) Estimate construction machine construction capacity	
	Week 8 (10.22 / 10.24)	<b>10/22 (Mon) Midterm Exam</b> Earth work Simulation Practice (1)	신양학술정보관(44-1) 207 호
	Week 9 (10.29 / 10.31)	Earth Simulation Practice (2) Foundation (1)	신양학술정보관(44-1) 207 호
	Week 10 (11.5 / 11.7)	Foundation (2) Concrete (1)	
	Week 11 (11.12 / 11.14)	Concrete (2) <b>11/14 (Wed) Group Presentation</b>	
	Week 12 (11.19 / 11.21)	Bridge (1) Bridge (2)	
	Week 13 (11.26 / 11.28)	Tunnel (1) Tunnel (2)	
	Week 14 (12.3 / 12.5)	Construction Safety (1) Construction Safety (2)	
Week 15 (12.10 / 12.12)	Special Lecture on Construction Work <b>12/12 (Wed) Final exam</b>		