

447.328 Theory of Reinforced Concrete and Lab. II
Fall 2007

TIME M 16:15 ~ 17:30, W 16:30 ~ 17:45
LOCATION Rm 433, Bld 38
INSTRUCTOR Jaeyeol Cho (, 趙在悅)
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OFFICE HRS. MW 11:00 ~ 12:00, other days by appointment
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COURSE OBJECTIVES

To provide a basic understanding of the behavior of reinforced concrete members and become familiar with Korea's Co./Spec.

TEXTBOOKS

Required:



Design of Concrete Structures, 13th Edition., McGraw-Hill, 2004
by Arthur Nilson, David Darwin, and Charles Dolan
34,000 Won - SNU, Kyobo, Youngpoong, etc.

Recommended:

by _____, 2007 , _____, 2007
by
Reinforced Concrete Design, 6th Edition, Addison Wesley, 1998
by Chu-Kia Wang and Charles Salmon

GRADING

Homework (approx. 7) = 20%
2 Midterm exams = 25% each (closed books)
Final exam = 30% (comprehensive & closed)

HOMEWORK POLICY

Homework is due one week after it is assigned. ~~Late homework will have a penalty of 20% of a total points.~~

CLASS SCHEDULE (tentative)

Period	Date	Topic	Remarks
1	W 5 Sep	Introduction	
2	M 10	Chapter 7 Torsion	
3	W 12	Chapter 7 Torsion	
4	M 17	Chapter 7 Torsion	
5	W 19	Chapter 8 Short Column	
	M 24	Chuseok, No Class	
	W 26	Chuseok, No Class	
6	M 1	Chapter 8 Short Column	
	W 3 Oct	The National Foundation Day, No Class	
7	M 8	Chapter 8 Short Column	
8	W 10	Chapter 8 Short Column	
9	M 15	Chapter 9 Slender Column	
10	W 17	MIDTERM EXAM I	
11	M 22	Chapter 9 Slender Column	
12	W 24	Chapter 9 Slender Column	
13	M 29	Chapter 9 Slender Column	
14	W 31	One-way Slab	
15	M 5 Nov	One-way Slab	
16	W 7	One-way Slab	
17	M 12	One-way Slab	
18	W 14	MIDTERM EXAM II	
19	M 19	Chapter 16 Footings and Foundations	
20	W 21	Chapter 16 Footings and Foundations	
21	M 26	Chapter 16 Footings and Foundations	
22	W 28	Chapter 19 Prestressed Concrete	
23	M 3	Chapter 19 Prestressed Concrete	
24	W 5 Dec	Chapter 19 Prestressed Concrete	
25	M 10	Chapter 19 Prestressed Concrete	
26	W 12	Chapter 19 Prestressed Concrete	
27	M 17	FINAL EXAM	