

**EE 31200/R Communication Theory****Fall 2014****Class Time:** T. Th. 3:30 – 4:45pm**Room:** Harris 09**Textbook** H. Taub and D. Schilling, *Principles of Communication Systems* (2<sup>nd</sup> Ed.)  
McGraw-Hill Book Co.**Reference** A. B. Carlson, P. B. Crilly, and J. C. Rutledge, *Communications Systems* (4<sup>th</sup> Ed.)  
McGraw-Hill Book Co. ISBN 0-07-011127-8**Instructor** Yi Sun  
Room: ST-622  
Phone: (212)650-6621  
E-mail: [ysun@ccny.cuny.edu](mailto:ysun@ccny.cuny.edu)  
Webpage: <http://www.ccny.cuny.edu/profiles/Yi-Sun.cfm>  
Office hour: T. Th. 2:00 – 3:30pm**TA**Room:  
E-mail:  
Office hour:**Content and homework**

Number of weeks	Pages covered	Homework	
		No.	Problems
2	2-23, 28-34, 95-99	<a href="#">1</a>	<a href="#">Ch. 1:</a> 1-2, 2-2, 3-1, 3-2, 4-1, 5-1, 6-1, 7-1, 8-1, 9-2, 10-2, 10-3, 12-1, 13-2, 18-1, 19-2 <a href="#">Ch. 2:</a> 23-1, 23-2, 24-2
1	113-133	<a href="#">2</a>	<a href="#">Ch. 3:</a> 2-1, 2-2, 3-1, 3-2, 3-4, 4-1, 9-1, 9-2, 9-3
2	346-359, 365-367	<a href="#">3</a>	<a href="#">Ch. 8:</a> 3-1, 3-2, 3-4, 3-5, 4-1, 4-3, 7-1
3	142-158, 169-172	<a href="#">4</a>	<a href="#">Ch. 4:</a> 2-1, 2-2, 3-1, 4-2, 4-4, 6-3, 7-1, 7-2
2	183-188, 193-219	<a href="#">5</a>	<a href="#">Ch. 5:</a> 1-1, 1-4, 1-5, 2-1, 2-2, 4-1, 8-1, 8-2, 8-3, 9-1, 10-1
3	249-271, 276-286	<a href="#">6</a>	<a href="#">Ch. 6:</a> 2-1, 2-2, 3-1, 4-1, 5-1, 5-4, 6-1, 6-2, 6-5, 8-1, 8-3, 10-1a, b
3	441-454	<a href="#">7</a>	<a href="#">Ch. 11:</a> 1-1, 1-2, 2-3, 5-1

**Homework** Homework is assigned once a chapter and due one week after assigning.  
No late HW.**Final grade** HW 15%  
2 midterm exams 45% 10/2, 11/4  
Final 40% 12/11. Here is [a sample test with solutions](#).**No class** 9/23, 9/25, 11/27