

EECS152A Digital Signal Processing

Description: The study of the basic principles and techniques underlying the analysis and design of digital signal processing and digital filtering systems.

Prerequisites: ECE 120B (Signals and Systems II) and ECE 186 (Probability)

Text: *Digital Signal Processing, 3rd Ed.*
by John Proakis and Dimitris Manolakis
Prentice-Hall

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Lectures: Tu,Th 5:00-6:20

Grading:	Homework	30%
	Midterm Exam	30%
	Final Exam	40%

EECS152A Outline

Tu	September 28	Chapter 1	
Th	September 30	Chapter 1	
Tu	October 5	Chapter 2	Homework #1
Th	October 7	Chapter 2	
Tu	October 12	Chapter 2	Homework #2
Th	October 14	Chapter 3	
Tu	October 19	Chapter 3	Homework #3
Th	October 21	Chapter 3	
Tu	October 26	MIDTERM EXAM	
Th	October 28	Chapter 4	
Tu	November 2	Chapter 4	
Th	November 4	Chapter 4	
Tu	November 9	Chapter 4	Homework #4
Th	November 11	Chapter 5	
Tu	November 16	Chapter 5	Homework #5
Th	November 18	Chapter 5	
Tu	November 23	Chapter 8	
Th	November 25	THANKSGIVING	
Tu	November 30	Chapter 8	Homework #6
Th	December 2	Advanced Topics	

Final Exam: Thursday December 9, 4-6pm