

**ECE 146B**  
**Gibson**

**Spring 2009**  
**April 2, 2009**

**Course Information**

**Instructor:** Jerry D. Gibson, 4165 HFH, [gibson@ece.ucsb.edu](mailto:gibson@ece.ucsb.edu), 893-6187

**Office Hours:** Mondays 3:30 pm to 4:30 pm or by appointment

**Text:** J. G. Proakis and M. Salehi, *Fundamentals of Communication Systems*, Pearson Prentice-Hall, 2005.

**Two Other Texts for reference (not required):**

U. Madhow, *Fundamentals of Digital Communication*, Cambridge University Press, 2008.

J. D. Gibson, *Principles of Digital and Analog Communications*, 2<sup>nd</sup> ed., Prentice-Hall (Macmillan), 1993.

**Course Schedule:** Lecture: TR 12:30-1:45, Phelps 1425

**Lab:** Fridays 9-11:50 pm, HFH 4152. The first lab sessions will be held on Friday, April 10th.

<b>Grading:</b>	Homework	15%
	Lab	20%
	Midterm Exam	25% (The midterm will be Tuesday, May 5th)
	Final Exam	40%

**TA:** Karthikeyan Shanmuga Vadivel, [karthikeyan@umail.ucsb.edu](mailto:karthikeyan@umail.ucsb.edu)

**TA Office Hours:** Wednesday 12:00 PM to 1:00 PM  
Location: HFH 1140 (ECI Lab)

Homework is due one week after assigned in homework box by 5 pm.

**Lab Reports:** Lab reports are due in the homework box before your next lab session. (Late submissions will not be accepted.)

**Text Coverage:** Section 7.4.1, Chapters 8, 9, and 10, Sections 11.2, 11.4, and 11.5.