Department of Electrical and Computer Engineering  
University of Massachusetts, Amherst  

ECE 563: Introduction to Communications and Signal Processing  
Fall 2010

Course Website: https://spark.oit.umass.edu/

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Catalog Data:

Continuous-time (CT) and discrete-time (DT) signals and systems. DT processing of CT signals. DT and CT random processes and noise models. Analog communication systems and their performance in noise. Digital filter design methods.

Prerequisites: Prerequisites: E&C-ENG 313, 314


Grades: Homework -20%  
Midterm Exams 50%  
Final Exam – 30%

Topics covered:

A. Communication Systems  
B. Signal Processing  
C. Random Processes and noise models