Department of Electrical and Computer Engineering  
University of Massachusetts, Amherst  

ECE 603: Probability and Random Processes  
Fall 2012  

Instructor: Hossein Pishro-Nik  
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Office hours  
Tuesday, 2:00-3:00pm.  

Course Website  
https://moodle.umass.edu  
Please check course website regularly for announcements, etc.  

TAs:  
To be announced, check course website  

Catalog Data:  
Elementary probability theory including random variables, p.d.f., c.d.f.,  
generating functions, law of large numbers, Introduction to Statistics,  
Elementary stochastic process theory including covariance and power  
spectral density. Markov processes and applications. Prerequisite: E&C-  
Eng 314 or equivalent.  

Prerequisites:  
An undergraduate-level course in probability (such as ECE 314)  

Textbook:  
Probability and random processes by John A. Gubner.  
ISBN: 978-0-521-86470-1  

Grades:  
There will be around 6 or 7 quizzes. Your lowest grade will be eliminated.  
Homework assignments with solutions will be provided on the course  
website; you do NOT need to hand in the homework assignments. The final  
grade will be based on quizzes 90% and class participation 10%.  