Stat/Math 414.1 Introduction to Probability Theory

Fall 2005	MWF 2:30-3:20	73 Willard Bldg		
Instructor:	John Fricks	Office Hours:	Monday	1:00-2:20
	314 Thomas Bldg		Wednesday	3:30-4:30
	fricks@stat.psu.edu		or by appointment	
	865-3235			
Teaching Asst:	Yuexiao Dong	Office Hours:	Tuesday	2:30-3:30
	316 Thomas Bldg		Thursday	2:30-3:30
	yud101@psu.edu		or by appointment	
	863-3238			
Web Page:	www.stat.psu.edu/~fricks/fall2005/stat414.html			
Text:	*Probability and Statistical Inference, 7th edition,* Prentice-Hall, Inc. Robert V Hogg and Elliot A. Tannis.			

Course Topics:

1. Basic Probability Concepts and Theorems
2. Discrete Probability Distributions
3. Continuous Probability Distributions
4. Multivariate Probability Distributions
5. The Normal Distribution and the Central Limit Theorem

Grading: The grade for this course will be based on:

Homework	20%	
Midterm #1	25%	October 7, 2005
Midterm #2	25%	November 11, 2005
Comprehensive Final	30%	

Homework: Homework will be given weekly. No late homework will be accepted. In order to receive credit for homework, all assignments must include HOW an answer is obtained, not just the numerical solution.

Exam Policies:

1. No make-up exams are given.
2. In the case of a University approved conflict, an early exam may be taken. You must inform the instructor one week before the exam date.

Drop/Add: Drop/Add period is August 30 - September 8.
Late Drop deadline is November 16.
Deadline for filing for conflict exam is October 3 through October16.

Integrity: All Penn State University and Eberly College of Science policies regarding aca demic integrity apply to this course. Those policies are available at:
www.science.psu.edu/academic/Integrity/index.html