

## Tentative Schedule of Lectures and Examinations

Date		Topic
W	Aug. 30	Introduction: A problem from statistical inference
F	Sep. 1	Sample Spaces
M	Sep. 4	$\sigma$ -fields
W	Sep. 6	Probability function
F	Sep. 8	Probability function (continued)
M	Sep. 11	Independent events
W	Sep. 13	Conditional probability
F	Sep. 15	Continuous and discrete random variables
M	Sep. 18	Cumulative distribution function (cdf)
W	Sep. 20	Probability density function (pdf)
F	Sep. 22	Probability mass function (pmf)
M	Sep. 25	Continuous random variable and probability density function (pdf)
W	Sep. 27	Review
F	Sep. 29	<b>Exam 1</b>
M	Oct. 2	Expectation of a random variable
W	Oct. 4	Expectation of a function of a random variable
F	Oct. 6	Expectation of a function of a random variable (continued)
M	Oct. 9	Moments, variance and moment generation function
W	Oct. 11	Joint distribution functions
F	Oct. 13	Joint distribution functions (continued)
M	Oct. 16	<i>Fall Recess</i>
W	Oct. 18	Marginal distributions
F	Oct. 20	Independent random variables
M	Oct. 23	Independent random variables (continued)
W	Oct. 25	The Poisson Distribution
F	Oct. 27	Limiting distributions
M	Oct. 30	Limiting distributions (continued)
W	Nov. 1	Review
F	Nov. 3	<b>Exam 2</b>

<b>Date</b>	<b>Topic</b>
M Nov. 6	mgf convergence theorem
W Nov. 8	Convergence in distribution
F Nov. 10	Convergence in Probability
M Nov. 13	The Central Limit Theorem
W Nov. 15	Applications of the Central Limit Theorem
F Nov. 17	Applications of the Central Limit Theorem (continued)
M Nov. 20	Random samples
W Nov. 22	Sampling distributions
F Nov. 24	<i>Thanksgiving Recess!</i>
M Nov. 27	Estimation
W Nov. 29	Review
F Dec. 1	<b>Exam 3</b>
M Dec. 4	Review
W Dec. 6	Review
F Dec. 15	<b>Final Examination</b>