Math 245 – Fall 2014 **Tentative Schedule**

Week	Monday	Tuesday	Wednesday	Thursday
Sept. 1 – 4	No Class (Labor Day)	Syllabus/Intro 1.1 – 1.3	Sampling Procedures	Graphical Methods
Sept. 8 – 11	1.3, 1.4 Numerical	2.1/2.2 Probability	2.3 Counting	2.4 Conditional
Sept. 15 – 18	2.5 Independence	3.1/3.2 Discrete R.V.	3.2 Prod. Dist.	3.3 Expectation
Sept. 22 – 25	Review	**Exam #1**	3.4 Binomial	3.5 Hyper & Neg Bin
Sept. 29 – Oct. 2	3.6 Poisson)	4.1/4.2 Continuous R.V.	4.2/4.3 Expected	4.3 Normal Dist.
Oct. 6 – 9	4.4 Exp & Gamma	4.5 Weibull & Beta	5.1 Joint P.D.	5.1/5.2 Expectations
Oct. 13 – 16	5.2 Covariance	5.3 Statistics	5.4 Dist. of Mean	5.5 Lin. Combination
Oct. 20 – 23	Review	**Exam #2**	6.1 Estimation	7.1 Confidence Int.
Oct. 27 – 30	7.2/7.3 T-interval	7.3/7.4 Variance C.I.	8.1 Hypothesis Tests	8.2/8.4 P-value
Nov. 3 – 6	8.1/8.2 Errors & power	8.3 Test for Prop	9.1/9.2 Two Samples	9.2/9.3 Paired T-test
Nov. 10 – 13	9.4 Two Proportions	Review	**Exam #3**	10.1 One-Way ANOVA
Nov. 17 – 20	10.1/10.2 Multi. Comp.	10.2 Tukey's Method	11.1 Two-Way ANOVA	12.5 Correlation
Nov. 24 – 27	12.1/2 Regression	12.2/12.3 Test for Slope	No Class Friday Schedule	No Class Thanksgiving
Dec. 1 – 4	12.4 Prediction Int.	14.1 Goodness of Fit	14.2 Homogeneity Test	14.3 Independence Test
Dec. 8 – 11	Review	**Exam #4**	Review (Last Day)	Study Day
Dec. 16 (Tuesday) - Final Exam (4:45 PM – 6:45 PM)				

Textbook **:** "*Probability & Statistics for Engineering and the Sciences*", 8th ed., by Jay L. Devore