

# STAT 245 – Fall 2018

# Tentative Schedule

Week	Monday	Tuesday	Wednesday	Thursday
<b>Sept. 3 – 7</b>	No Class (Labor Day)	Syllabus/Intro 1.1 – 1.3	Sampling Procedures	Graphical Methods
<b>Sept. 10 – 14</b>	1.3, 1.4 Numerical	2.1/2.2 Probability	2.3 Counting	2.4 Conditional
<b>Sept. 17 – 21</b>	2.5 Independence	3.1/3.2 Discrete R.V.	3.2 Prod. Dist.	3.3 Expectation
<b>Sept. 24 – 28</b>	Review	<b>Exam #1</b>	3.4 Binomial	3.5 Hyper & Neg Bin
<b>Oct. 1 – 5</b>	3.6 Poisson	4.1/4.2 Continuous R.V.	4.2/4.3 Expected	4.3 Normal Dist.
<b>Oct. 8 – 12</b>	4.4 Exp & Gamma	4.5 Weibull & Beta	5.1 Joint P.D.	5.1/5.2 Expectations
<b>Oct. 15 – 19</b>	5.2 Covariance	5.3 Statistics	5.4 Dist. of Mean	5.5 Lin. Combination
<b>Oct. 22 – 26</b>	Review	<b>Exam #2</b>	6.1 Estimation	7.1 Confidence Int.
<b>Oct. 29 – Nov. 2</b>	7.2/7.3 T-interval	7.3/7.4 Variance C.I.	8.1 Hypothesis Tests	8.2/8.4 P-value
<b>Nov. 5 – 9</b>	8.1/8.2 Errors & power	8.3 Test for Prop	9.1/9.2 Two Samples	9.2/9.3 Paired T-test
<b>Nov. 12 – 16</b>	9.4 Two Proportions	Review	<b>Exam #3</b>	10.1 One-Way ANOVA
<b>Nov. 19 – 23</b>	10.1/10.2 Multi. Comp.	10.2 Tukey's Method	11.1 Two-Way ANOVA	12.5 Correlation
<b>Nov. 26 – 30</b>	12.1/2 Regression	12.2/12.3 Test for Slope	No Class Friday Schedule	No Class Thanksgiving
<b>Dec. 3 – 7</b>	12.4 Prediction Int.	14.1 Goodness of Fit	14.2 Homogeneity Test	14.3 Independence Test
<b>Dec. 10 – 14</b>	Review	<b>Exam #4</b>	Review (Last Day)	Study Day
<b>Dec. 14 (Friday) - Final Exam (12:15 PM – 2:15 PM)</b>				

**Textbook :** “Probability & Statistics for Engineering and the Sciences”, 9<sup>th</sup> ed., by Jay L. Devore