

Course Schedule - Prof. Wiles
IET2227-850/900 Hybrid/OL – Introduction to Statistics - SU14
8 Week Summer Schedule

Week #	Class	Topic	Comprehensive Quiz Due before class	Homework Quiz Due Dates
1	May 20 Tues	Course Introduction		
	Watch Mod 1 Videos	Basics and Organizing data (1.1, 1.2, 2.1, 2.2, 2.3, 2.4, 2.5)	No quiz	HWMod 1 quiz by Exam 1
	Watch Mod 2 Videos	Misleading statistics and measures of center (3.1, 3.2, 3.3, 3.4)	Mod 2 quiz by Exam 1	HWMod 2 quiz by Exam 1
	Watch Mod 3 Videos	Regression and Correlation (14.1, 14.2, 14.3, 14.4)	Mod 3 quiz by Exam 1	HWMod 3 quiz by Exam 1
	Watch Mod 4 Videos	Probability basics and Counting (4.1, 4.2, 4.3, 4.8)	Mod 4 quiz by Exam 1	HWMod 4 quiz by Exam 1
2	May 27 Tues	Work problems in class- study & download sample test		
3	June 3 Tues	On-Line Exam 1 (Chapters 1 – 4, & 14)		
	Watch Mod 5 Videos	Discrete random variables (5.1, 5.2) Binomial and Hypergeometric distributions (5.3, download handout) Poisson distribution and when to use each (5.4)	Mod 5 quiz by Exam 2	HWMod 5 quiz by Exam 2
	Watch Mod 6 Videos	The Normal distribution (6.1,6.2) The Normal distribution (6.3) Assessing normality/normal approx to binomial (6.4,6.5)	Mod 6 quiz by Exam 2	HWMod 6 quiz by Exam 2
4	June 10 Tues	Work problems in class- study & download sample test		
5	June 17 Tues	On-Line Exam 2 (Chapters 5 - 7)		
	Watch Mod 7 Videos	Sampling error (7.1) Mean and standard deviation of sample mean (7.2) Sampling distribution of the sampling mean (7.3)	Mod 7 quiz by Exam 3	HWMod 7 quiz by Exam 3
	Watch Mod 8 Videos	Estimating a population mean (8.1) Confidence intervals, Margin of Error (8.2,8.3,8.4)	Mod 8 quiz by Exam 3	HWMod 8 quiz by Exam 3
6	June 24 Tues	Work problems in class		
	Watch Mod 9 Part1 Videos	Hypothesis testing (9.1, 9.2) Hypothesis tests for one population mean (9.3, 9.4)	Mod 9A quiz by Exam 3	HWMod 9A quiz by Exam 3
	Watch Mod 9 Part2 Videos	P-Values, Type II errors, Power (9.5, 9.6)	Mod 9B quiz by Exam 3	HWMod 9B quiz by Exam 3
7	July 1 Tues	Work problems in class - study & download sample test		
8	July 8 Tues	On-Line Exam 3 (Chapters 8 - 9)		
		Review previous exams, slides, and book for final		
	July 9 Wed (likely)	Finals Week – Optional Final Offered Online		