Course Pack of Activities and Notes for Stat 216

Fall 2015

Sections: 1, 4, 5, 7, 8, 9, 10, 12, 13, 15, 16, 17, 19, 22
meeting

Monday, Wednesday, and Friday

with two common hour exams, and Common Final

Department of Mathematical Sciences
Montana State University

STAT 216 Introduction to Statistics
Fall 2015 Calendar of Topics
for Sections 1, 4, 5, 7, 8, 9, 10, 12, 13, 15, 16, 17, 19, 22 meeting **MWF**

MONDAY	WEDNESDAY	FRIDAY
August 24 Detecting Fraud (1) **Class Begins**	26 Descriptive Stats (2)	28 **Last Day to Add On-Line**
31 Sampling (3)	**September** 2 Helper–Hinderer (4)	4 **Last Day to Drop On-Line**
7 Labor Day	9 Hyp Test 1 proportion(ESP) (5)	11 Estimate 1 proportion (6)
14 Test & Estimate 1 Proportion (MIT) (7) **Last Day to Avoid a W**	16	18 Unit 1 Review (8)
21 Exam 1 (9)	23	25
28 Exp vs Obs Study(10)	30 Textbook Cost – CI for μ (11)	**October** 2
5 Dolphin Therapy (12)	7 Weight Awareness $p_1 - p_2$ (13)	9
12 Energy Drinks, $\mu_1 - \mu_2$ (14)	14 Birth Weights, $\mu_1 - \mu_2$ (15)	16
19 Hyp Test 1 mean (16) **Last Day to Withdraw**	21 Correlation/slope (17)	23
26 Test slope is 0 (18)	28 Types of Errors (19)	30
November 2 Unit 2 Review (20)	4 Unit 2 Exam (21)	6
9 Normal Distribution (22)	11 **Veteran's Day**	13 Z inference for p (23)
17 Z inference for $p_1 - p_2$ (24)	19 t distributions (25) **Last Day to Withdraw**	21
23 t inference for μ (26)	25 **Thanksgiving Holiday**	27 **Thanksgiving Holiday**
30 Sample Size Effects (28)	**December** 2	4 Review (29) **Last Day of Class**
Final Exam Week: December 7 − 11 **Common Hour Stat 216 Exam: Wednesday, ??, 10:00 − 11:50 am Rooms: TBA**		