

# STAT 216 Introduction to Statistics

## Spring 2016 Calendar of Topics

for Sections 3, 6, 9, 11, 13, 15, 17, and 18 meeting Tuesdays and Thursdays

TUESDAY	THURSDAY
	<b>January</b> <span style="float: right;"><b>14</b></span> Detecting Fraud (1)
	<div style="border: 1px solid black; padding: 2px; text-align: center;">Classes Begin January 13</div>
<span style="float: right;"><b>19</b></span> Descriptive Stats (2)	<span style="float: right;"><b>21</b></span> Sampling (3)
	<div style="border: 1px solid black; padding: 2px; text-align: center;">Jan 20: Last Day to Add On-Line</div>
<span style="float: right;"><b>26</b></span> Helper-Hinderer (4)	<span style="float: right;"><b>28</b></span> Hyp Test 1 proportion(ESP) (5)
	<div style="border: 1px solid black; padding: 2px; text-align: center;">Jan 27: Last Day to Drop On-Line</div>
<b>February</b> <span style="float: right;"><b>2</b></span> Estimate 1 proportion (6)	<span style="float: right;"><b>4</b></span> What “confidence” means (7)
	<div style="border: 1px solid black; padding: 2px; text-align: center;">Feb 3: Last Day to Avoid a W</div>
<span style="float: right;"><b>9</b></span> Unit 1 Review (8) Common Hour Exam I 6:00 - 7:50 pm	<span style="float: right;"><b>11</b></span> No Class
<span style="float: right;"><b>16</b></span> Exp vs Obs Study(9)	<span style="float: right;"><b>18</b></span> Textbook Cost – CI for $\mu$ (10)
<span style="float: right;"><b>23</b></span> Peanut Allergies (11)	<span style="float: right;"><b>25</b></span> Weight Awareness $p_1 - p_2$ (12)
<b>March</b> <span style="float: right;"><b>1</b></span> Energy Drinks, $\mu_1 - \mu_2$ (13)	<span style="float: right;"><b>3</b></span> Birth Weights, $\mu_1 - \mu_2$ (14)
<span style="float: right;"><b>8</b></span> Hyp Test 1 mean (15)	<span style="float: right;"><b>10</b></span> Correlation/slope (16)
<b>March 14-18 Spring Break</b>	
<span style="float: right;"><b>22</b></span> Test: “Is slope zero?” (17)	<span style="float: right;"><b>24</b></span> Types of Errors (18)
<span style="float: right;"><b>29</b></span> Unit 2 Review (19) Common Hour Exam II 6:00 - 7:50 pm	<span style="float: right;"><b>31</b></span> No Class
<b>April</b> <span style="float: right;"><b>5</b></span> Normal Distribution (20)	<span style="float: right;"><b>7</b></span> Z inference for p (21)
<span style="float: right;"><b>12</b></span> Z inference for $p_1 - p_2$ (22)	<span style="float: right;"><b>14</b></span> t distributions - one mean (23)
	<div style="border: 1px solid black; padding: 2px; text-align: center;">April 15: Last Day to Withdraw</div>
<span style="float: right;"><b>19</b></span> t inference for $\mu_1 - \mu_2$ (24)	<span style="float: right;"><b>21</b></span> Paired data (25)
<span style="float: right;"><b>26</b></span> Concussion Effects (26)	<span style="float: right;"><b>28</b></span> Review (27) <b>Last Day of Class</b>
<b>Final Exam Week: May 2 – May 6</b> <b>Common Hour Stat 216 Exam: Tuesday, May ?, ??:00 – ??:50 am Rooms: TBA</b>	