

MATH 216 Weekly Schedule

Week	Date	Activity
Week 1	_____	<p>Read this Course Orientation and the Student Manual.</p> <p>Contact your tutor.</p> <p>Begin reading the Study Guide:</p> <ul style="list-style-type: none"> ○ Introduction to Unit 1 ○ Overview of Statistics ○ Data Classification ○ Data Collection and Experimental Design ○ Computer Lab 1A
Week 2	_____	<ul style="list-style-type: none"> ○ Frequency Distributions and Their Graphs ○ More Graphs and Displays ○ Measures of Central Tendency
Week 3	_____	<ul style="list-style-type: none"> ○ Measures of Variation ○ Measures of Position ○ Computer Lab 1B
Week 4	_____	<ul style="list-style-type: none"> ○ Self-Test 1 (Theory and Computer Components) ○ Assignment 1 (Theory and Computer Components) <p>Submit Assignment 1 using the online drop box on the course home page.</p>
Week 5	_____	<ul style="list-style-type: none"> ○ Introduction to Unit 2 ○ Basic Concepts of Probability and Counting ○ Conditional Probability and the Multiplication Rule
Week 6	_____	<ul style="list-style-type: none"> ○ The Addition Rule ○ Additional Topics in Probability and Counting ○ Computer Lab 2
Week 7	_____	<p>Apply for the midterm exam.</p> <ul style="list-style-type: none"> ○ Self-Test 2 (Theory and Computer Components) ○ Assignment 2 (Theory and Computer Components) <p>Submit Assignment 2 using the online drop box on the course home page.</p>

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Week 8	_____	<ul style="list-style-type: none"> ○ Introduction to Unit 3 ○ Probability Distributions ○ Binomial Distributions ○ Computer Lab 3A ○ Introduction to Normal Distributions and the Standard Normal Distribution.
Week 9	_____	<ul style="list-style-type: none"> ○ Normal Distributions: Finding Probabilities ○ Normal Distributions: Finding Values ○ Computer Lab 3B
Week 10	_____	<ul style="list-style-type: none"> ○ Self-Test 3 (Theory and Computer Components) ○ Assignment 3 (Theory and Computer Components) <p>Submit Assignment 3 using the online drop box on the course home page.</p>
Week 11	_____	<p>Study for midterm exam.</p> <p>Take midterm exam.</p>
Week 12	_____	<ul style="list-style-type: none"> ○ Introduction to Unit 4 ○ Sampling Distributions and the Central Limit Theorem ○ Confidence Interval for the Mean (σ Known) ○ Confidence Intervals for the Mean (σ Unknown)
Week 13	_____	<ul style="list-style-type: none"> ○ Confidence Intervals for Population Proportions ○ Computer Lab 4A ○ Introduction to Hypothesis Testing with One Sample ○ Hypothesis Testing for the Mean (σ Known) ○ Hypothesis Testing for the Mean (σ Unknown)
Week 14	_____	<ul style="list-style-type: none"> ○ Hypothesis Testing for Proportions ○ Computer Lab 4B
Week 15	_____	<ul style="list-style-type: none"> ○ Self-Test 4 (Theory and Computer Components) ○ Assignment 4 (Theory and Computer Components) <p>Submit Assignment 4 using the online drop box on the course home page.</p>
Week 16	_____	<ul style="list-style-type: none"> ○ Introduction to Unit 5 ○ Testing the Difference Between Means (σ_1 and σ_2 Known) ○ Testing the Difference Between Means (σ_1 and σ_2 Unknown)

Week	Date	Activity
Week 17	_____	<ul style="list-style-type: none">○ Testing the Difference Between Means (Dependent Samples)○ Testing the Difference Between Proportions○ Computer Lab 5
Week 18	_____	<p>Apply for the final exam.</p> <ul style="list-style-type: none">○ Self-Test 5 (Theory and Computer Components)○ Assignment 5 (Theory and Computer Components) <p>Submit Assignment 5 using the online drop box on the course home page.</p>
Week 19	_____	<ul style="list-style-type: none">○ Introduction to Unit 6○ Correlation○ Linear Regression○ Measures of Regression and Prediction Intervals○ Computer Lab 6A
Week 20	_____	<ul style="list-style-type: none">○ Test of Independence○ Analysis of Variance (ANOVA)
Week 21	_____	<ul style="list-style-type: none">○ Computer Lab 6B○ Self-Test 6 (Theory and Computer Components)○ Assignment 6 (Theory and Computer Components) <p>Submit Assignment 6 using the online drop box on the course home page.</p>
Week 22	_____	<p>Study for final exam.</p> <p>Take final exam.</p>
