

## MULTIMEDIA MATERIALS FOR STAT 213

The Dolciani Math Center (7th Floor Hunter East) has multi-media materials for the following topics in STAT 213. Bring your ID card to the Learning Center and ask for the lesson by the call number below. If there is more than one number listed, there are several alternatives for the lesson. You may pick and choose which works best for you. Situational CDs and DVDs relate concepts to real-life situations. Tutorial CDs and DVDs present computations related to concepts.

	<b>SITUATIONAL</b>	<b>TUTORIAL</b>	<b>PLATO</b>
<b>TOPIC</b>	<b>CDs/DVDs</b>	<b>CDs/DVDs</b>	<b>Available Under:</b>
Percents			Percents
Fractions			Understanding Fractions
Decimals			Understanding Decimals: Place Value, Ordering, Rounding; Performing Operations with Decimals
Nature of Statistical Data	SB1, I1	M1	Statistics: Introductory- Measures of Center and Spread
Stem and Leaf Displays; Frequency Distributions; Graphical Presentations; Summarizing Two Variable Data	H8, I1, SB2, SB3, H6	M1	Statistics: Box Plots, Dot Plots, Histograms, Scatterplots
Measures of Central Tendency (Mean, Median, Mode); Fractiles	H8, I1, SB2, SB3, SB4, H8, I1, I2	M1	Statistics: Introductory- Measures of Center and Spread
Measures of Variation (Range, Standard Deviation, Variance)	I1, H9	M1	Statistics: Introductory- Measures of Center and Spread
Permutations, Combinations	SB16	L3, L5	Probability: Conditional Probability
Probability (Addition Rule, Multiplication Rules, Conditional Probability, Bayes' Theorem)	SB16, J26	D4, L1, L3, L4	Probability: Introductory; Probability: Conditional Probability
Expectations and Decisions		L5	Probability: Random Variables, Expected Values, Counting Rules
Probability Distributions	H9		Probability: Applications, Permutations, Combinations
Binomial Distribution	SB17	L5, M2	Probability: Random Variables, Expected Values, Counting Rules
Hypergeometric Distributions, Multinomial Distributions			Probability: Random Variables, Expected Values, Counting Rules
Poisson Distribution			Probability: Random Variables, Expected Values, Counting Rules
Normal Distribution	SB4, SB5, H9, I2, I3	M1, M2	Statistics: Introductory- Measures of Center and Spread
Sampling Distributions	H9, SB17, SB14, SB18, H9, I4, I5	M2	Probability: Applications, Permutations, Combinations
Estimation of Means		M2	Statistics: Inference, Data Analysis and Normal Distributions
Estimation of Standard Deviations			Statistics: Inference, Data Analysis and Normal Distributions
Estimation of Proportions	SB23	M2	Statistics: Inference, Data Analysis and Normal Distributions
Tests of Means (single populations)	SB15, SB20, SB21, I5	M2	Statistics: Inference, Data Analysis and Normal Distributions
Test of Means (2 populations)	SB22	M3	Statistics: Inference, Data Analysis and Normal Distributions
Tests Concerning Standard Deviations			Statistics: Inference, Data Analysis and Normal Distributions
Tests of Proportions	SB23, I5	M3, M2	Statistics: Inference, Data Analysis and Normal Distributions
Goodness of Fit, Tests of Independence, Tests of Homogeneity	SB24	M3	Probability: Applications, Permutations, Combinations
ANOVA	SB8, SB9, SB25	M3	Statistics: Inference, Data Analysis and Normal Distributions
Method of Least Squares, Regression Analysis	SB10, SB7, SB8, SB9, SB25, I3	M3	Statistics: Inference, Data Analysis and Normal Distributions
Multiple Regression			Statistics: Inference, Data Analysis and Normal Distributions
Coefficient of Correlation; Correlation Analysis	SB7, SB8, SB9, SB11, SB25, I3	M3	Probability: Applications, Permutations, Combinations