MULTIMEDIA MATERIALS FOR URBAN POLICY 403

The Dolciani Math Center (7th Floor Hunter East) has multi-media materials for the following topics in URBN 403 as well as the prerequisite skills needed to learn this content. 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 DVDs relate concepts to real-life situations. Tutorial DVDs present computations related to concepts.

TOPIC	SITUATIONAL DVDs	TUTORIAL CDs/DVDs	PLATO Available Under:
Introduction to the Practice of Statistics	SB1, I1	M1	Introduction to Statistics - 2017
Observational Studies; Random Sampling	SB2, H14, H7, SB11, SB14, SB13		Introduction to Statistics - 2017
The Design of Experiments	SB26, H6, I1, I4, SB2, SB12, SB13	M1	Introduction to Statistics - 2017
Organizing Data/Stem and Leaf Plots/Graphical Representation	SB2, SB3, H6, H8, I1	M1	Data Plots and Scatterplots/ Histograms, Line, Bar and Circle Graphs - 2017
Measures of Central Tendencies, Dispersion	SB2, SB3, SB4, H8, I2, I1	M1	Data Plots and Scatterplots - 2017
Five-Number Summary/Boxplots	SB3, H8, I1	M1	Data Plots and Scatterplots - 2017
Scatter Plots/Correlation	SB8, SB9, I1, I3	M3	Data Plots and Scatterplots - 2017/ Correlation - 2017
Expected Value, Variance, and Standard Deviation	H9, I1	M1	Statistical Inference & Analyzing Data/ Random Variables
Binomial Distribution	SB17	L5, M2	Statistical Inference & Analyzing Data
Normal Distribution	SB4, SB5, H9, I2, I5	M1, M2	Introduction to Statistics
Sampling Distribution/Central Limit Theorem	I4, I5, H9, SB14, SB17, SB18	M2	Statistical Inference & Analyzing Data
Confidence Intervals: Population Mean	SB19, H10, I5	M2, Tables in M3	Statistical Inference & Analyzing Data
Confidence Intervals: Population Proportion	SB23, H10, I5	M2, Tables in M3	Statistical Inference & Analyzing Data
Hypothesis Testing: Population Mean	SB19, H10, I5	M2, Tables in M3	Statistical Inference & Analyzing Data
Hypothesis Testing: Population Proportion	SB23, I5, H10	M2	Statistical Inference & Analyzing Data
Inference about Two Means	SB22, H10	M3	Statistical Inference & Analyzing Data
Inference about Two Proportions	SB24, H10	M3	Statistical Inference & Analyzing Data
Chi-Square Test	SB24	M3	Statistical Inference & Analyzing Data
Regression Analysis/Correlation Analysis	I3, SB25, SB7, SB8, SB9, SB11	M3	Statistical Inference & Analyzing Data/ Correlation - 2017
Inference for Regression	SB7, SB8, SB25		Statistical Inference & Analyzing Data
Operations on integers		A1, D3, Y1	Integer Operations
Operations on fractions		A1,Y3, S3	Fractions
Operations on decimals		D4, Y4	Decimals
Writing ratios and rates/Solving proportions		D4, X3, Y8	Ration and Proportions
Solving percent problems		Y8	Percents
Operations on rational numbers		X1, S1, D3, Y2	Rational Numbers
Integer exponents	J3	A6, B1, V6	Exponents
Order of operations		A1, Y2, Y4, S1, X1, D3	Order of Operations
Solving equations		A1, S2, V1, X2, X6, D2	Linear Equations and Inequalities
Solving literal equations and formulas		A4, S2, V1	Linear Equations and Inequalities
Solving inequalities	J5, J8	C1, V2, A5, V2, S2	Linear Equations and Inequalities
Graphing linear equations	J10	A4, D6, W1, X5, Y7, S4, V3, Z7	Graphing
Finding the slope of a line	J10	A4, W1, Z7, Z8	Graphing
Writing the equation of a line		A4, W1, Z7, Z8	Graphing
Graphing linear inequalities	J21	V3	Graphing
Operations on polynomials		A2, S1	Polynomials
Writing numbers in scientific notation		S1, X5, V6, W1	Scientific Notation
Factoring by removing the Greatest Common Factor	J4	X6	Factoring
Factoring trinomials		A3, AT1, S2, V6, W1, X6	Factoring
Operations on rational expressions		AT1, A5, D3, S3, V7, X7	Rational Expressions
Simplifying complex fractions		AT1,V7, X7	Rational Expressions
Solving equations containing rational expressions		A5	Rational Expressions
Operations on radicals		AT2, S4, AT1, S3, V8, X8	Radicals
Rationalizing the denominator and solving radical equations		S4, V8, AT2, X9	Radicals
Using factoring to solve quadratic equations	J7	A6, X9, A8, S4, V9	Quadratic Equations
Solving quadratic equations by completing the square	J7	A6, V9, X9,S4	Quadratic Equations
Solving quadratic equations by using the quadratic formula	J7	A6, V9, X10, AT2	Quadratic Equations