

MULTI-MEDIA MATERIALS FOR PSYCH 248

The Dolciani Math Center (7th Floor Hunter East) has multi-media materials for the following topics in PSYCH 248 as well as brush-up materials. 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/DVDs present computations related to concepts.

TOPIC	SITUATIONAL CDs/DVDs	TUTORIAL CDs/DVDs	PLATO Available Under:
Introduction to Integers		Y2, S1	The Integers: Concepts and Operations
Add, Subtract, Multiply and Divide Integers		X1, Y2, S1	The Integers: Concepts and Operations
Introduction to Fractions		Y3, A1	Fractions: Concepts
Add, Subtract, Multiply and Divide Fractions		X1, Y3, A1	Fractions: Operations
Exponents	J3	X1, Y4, W1, A1	Exponents and Order of Operations
The Order of Operations Agreement		A1, Y2, Y4, S1, X1, D3	Exponents and Order of Operations
Ratios and Proportion		X3	Rates, Ratio and Proportion
Stem and Leaf Displays; Frequency Distributions; Graphical Presentations; Summarizing Two Variable Data	H8	D4, I1, M1	Statistics: Box Plots, Dot Plots, Histograms, Scatterplots
Measures of Central Tendency (Mean, Median, Mode); Fractiles	H8	D4, I1, M1	Statistics: Introductory- Measures of Center and Spread
Measures of Variation (Range, Standard Deviation, Variance)		D4, I1, M1	Statistics: Introductory- Measures of Center and Spread
Probability (Addition/Multiplication Rules, Conditional Probability, Bayes' Theorem)	J26	D4, L1, L3, L4, SB16	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		L5, SB17	Probability: Applications, Permutations, Combinations
Normal Distribution		I2, M1, SB4	Statistics: Inference, Data Analysis, and Normal Distributions
Sampling Distributions	H9, H10	I5, M2, SB18	Statistics: Introductory- Measures of Center and Spread
Estimation of Means		I5, M2	Statistics: Inference, Data Analysis, and Normal Distributions
Estimation of Proportions		M2, SB23	Statistics: Inference, Data Analysis, and Normal Distributions
Tests of Means (single populations)		I5, M2, SB20, SB21	Statistics: Inference, Data Analysis, and Normal Distributions
Test of Means (2 populations)		M3, SB22	Statistics: Inference, Data Analysis, and Normal Distributions
Hypothesis testing, T-test		M2, M3	Statistics: Inference, Data Analysis, and Normal Distributions
Goodness of Fit, Tests of Independence, Tests of Homogeneity		M3, SB24	Statistics: Inference, Data Analysis, and Normal Distributions
ANOVA		M3	Statistics: Inference, Data Analysis, and Normal Distributions
Method of Least Squares, Regression Analysis		M3, SB8, SB9, SB25	Statistics: Inference, Data Analysis, and Normal Distributions & Statistics: Correlation
Multiple Regression		SB10	Statistics: Inference, Data Analysis, and Normal Distributions & Statistics: Correlation
Coefficient of Correlation; Correlation Analysis		M3	Statistics: Inference, Data Analysis, and Normal Distributions & Statistics: Correlation
Chi Square		M3	Statistics: Inference, Data Analysis and Normal Distributions