MULTIMEDIA MATERIALS FOR MATH 100

The Dolciani Math Center (7th Floor Hunter East) has multi-media materials for the following topics in MATH 100. 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.

TOPICS	SITUATIONAL DVDs	TUTORIAL DVDs	PLATO Available Under:
Sets		B3 Lesson 1, 2, 3	Sets
Truth Tables		B2 Lesson 1a, 1b, 2a, 2b	
The Inclusion-Exclusion Principle/Multiplication Principle		L1, L4	Statistics: Introductory- Measures of Center and Spread
Venn Diagrams		B3 Lesson 4	Sets
De Morgan's Law		B2 Lesson 5	
Permutations and Combinations	J25	L1, L4, L5	Probability: Applications, Permutations, Combinations
Experiments and Events	SB15	L4, L5	Statistics: Inference, Data Analysis and Normal Distributions
Calculating Probabilities of Events	SB16	J26, L3, L4, L5	Probability: Introductory
Conditional Probability and Independence/Tree Diagrams		L3, L5	Probability: Conditional Probability & Probability: Introductory
Bayes Theorem	SB16	L5	Probability: Conditional Probability
Frequency Distribution	SB2, H8	I1	Probability: Introductory
Histograms	SB2, H8		Statistics: Box Plots, Dot Plots, Histograms, Scatterplots
Mean, Expected Values	H9		Probability: Random Variables, Expected Values, Counting Rules
Bernoulli Trials		L2	Probability: Random Variables, Expected Values, Counting Rules
Arithmetic Operations on Matrices		K5	Matrices
The Inverse of a Matrix		K6	Matrices
Binomial Theorem		A10, G9	Binomial Theorem
Graphs as Models		D5	
Euler Circuits	H2		
Hamiltonian Circuits	H3		
Organizing Qualitative Data	H8	M1	Statistics: Box Plots, Dot Plots, Histograms, Scatterplots
Organizing Quantitative Data I & II	H8, SB2	I1, M1	Statistics: Box Plots, Dot Plots, Histograms, Scatterplots
Measures of Central Tendency	H8, SB2, SB3, SB4	I1, M1, I2	Statistics: Introductory- Measures of Center and Spread
Measures of Dispersion	SB2, SB3, SB4, H8	I1, M1, I2	Statistics: Introductory- Measures of Center and Spread
Measures of Position	SB2	I2, M1	Statistics: Introductory- Measures of Center and Spread
The Five-Number Summary; Boxplots	H8, SB3	I1, M1	Statistics: Box Plots, Dot Plots, Histograms, Scatterplots