MULTI-MEDIA MATERIALS FOR MATH 250

The Dolciani Math Center (7th Floor Hunter East) has multi-media materials for the following topics in MATH 250. 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.

TOPICS	In-House CDs	DVDs
Intro to Vectors	VC1	
Vector in two and three-dimensional space		F2-4 (Part 7)
Dot Product	VC2	F2-4 (Part 7)
Inner product, length and distance		F2-4 (Part 7)
Cross product, equation of planes		F2-4 (Part 7)
Paths, Curves, Parameterizations, Motion, and Derivatives)	VC3	
Arc Length, Reparametrization	VC4	
Derivative	VC5	
Differential Approximation	VC6	
Gradient and Applications	VC7	
Partial differentiation, gradients, tangents in the plane		F2-5 (Part 8)
The Chain Rule	VC8	
Quadratic Forms and the Hessian	VC9	
Local Extrema of Real-Valued Functions	VC10	
Extrema of Real-Valued Functions		
Constrained Optimization	VC11	
Iterated Integration and Double Integrals over Rectangles	VC12	
Double Integration over Elementary Regions	VC13	
General Definition of the Double Integral	VC14	
Double Integrals		F2-5 (Part 9)
Triple Integrals over Rectangular Prisms and Simple Solids	VC15	
Triple Integrals		F2-5 (Part 9)
Change of Variables	VC16	
Lagrange Multipliers		F2-5 (Part 8)