

## Course and Book Information Confirmation

### Course Details

Term	Department	Course	Section	Instructor Last Name	Estimated Enrollment	Location
FALL 2010	MATH	4397	31211	Jl	30	N/A
<b>Is this a Continuation Class</b>			No			
<b>Note:</b>						

### Textbook Details

<b>Author(s)</b>	Victor Katz	<b>ISBN</b>	N/A
<b>Title</b>	A History of Mathematics: An Introduction	<b>Edition</b>	N/A
<b>Publisher</b>	N/A	<b>Cover Type</b>	N/A
<b>New Price</b>	0	<b>Used Price</b>	0
<b>Required or Recommended</b>	Recommended		

### Additional Comments or Special Instructions

Victor Katz, A History of Mathematics: An Introduction, (2nd Ed.), Addison-Wesley, 2009 (or 1998), and lecture notes. REQUIRED

Ideally, a History of Mathematics course should be a part of every mathematics major program. A course taught at the sophomore-level allows mathematics students to see the great wealth of mathematics that lies before them and encourages them to continue studying the subject. Even when mathematics history is taught as a senior seminar or capstone course, the common mathematical background of the students may include a relatively small number of mathematics courses or fields. As in the courses addressed above, most of the students' common experiences in this course should include mathematics common to all of them, with mathematics new to any of them introduced as new mathematics via its history. Welcome to the story of mathematics. What is mathematics? Mathematics may be defined as "the study of relationships among quantities, magnitudes and properties, and also of the logical operations by which unknown quantities, magnitudes, and properties may be deduced" (according to Microsoft Encarta Encyclopedia) or "the study of quantity, structure, space and change" (Wikipedia). Some have seen it in terms as simple as a search for patterns. During the 19th Century, however, mathematics broadened to encompass mathematical or symbolic logic, and thus came to be regarded increasingly as the science of relations or of drawing necessary conclusions (although some see even this as too restrictive).