

## Tentative Schedule of Topics, Presentations and Examinations

Date		Topic
W	Sep 5	Introductory Example: Recovering a function from its rate of change
F	Sep 7	Recovering a quantity from its rate of change
M	Sep 10	Recovering a quantity from its rate of change (continued)
W	Sep 12	Recovering a quantity from its rate of change (continued)
F	Sep 14	Continuous compounding and the concept of limit
M	Sep 17	Limit of sequences
W	Sep 19	Limit of functions
F	Sep 21	Limits (continued)
M	Sep 24	Continuous functions
W	Sep 26	Continuous functions (continued)
F	Sep 28	Discontinuous functions and types of discontinuity
M	Oct 1	Problems
W	Oct 3	Review
F	Oct 5	<b>Exam 1</b>
M	Oct 8	The area function
W	Oct 10	Instantaneous rates of change
F	Oct 12	Rates of change (continued)
M	Oct 15	The tangent line to the graph of a function
W	Oct 17	Approximating functions by linear functions
F	Oct 19	The derivative
M	Oct 22	<i>Fall Recess</i>
W	Oct 24	The derivative as a rate of change
F	Oct 26	The concept of differentiability
M	Oct 29	On differentiable functions
W	Oct 31	Differentiability
F	Nov 2	Derivatives of compositions
M	Nov 5	Review
W	Nov 7	<b>Exam 2</b>
F	Nov 9	Properties of derivatives
M	Nov 12	Applications of the derivative
W	Nov 14	Applications of the derivative (continued)
F	Nov 16	The Fundamental Theorem of Calculus

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<b>Date</b>	<b>Topic</b>
M Nov 19	The Fundamental Theorem of Calculus (continued)
W Nov 21	Applications of the integral calculus
F Nov 23	<i>Thanksgiving Recess</i>
M Nov 26	Applications of the integral calculus (continued)
W Nov 28	Predicting growth from rates of change
F Nov 30	Predicting growth from rates of change (continued)
M Dec 3	Problems
W Dec 5	Review
F Dec 7	<b>Exam 3</b>
M Dec 10	Review
W Dec 12	Review
T Dec 18	<b>Final Examination</b>