```
ed. 01/19        6.1   Inverse functions and their derivatives
ri. 01/21        6.2   Natural logarithms

on. 01/24        6.3   The exponential function
ed. 01/26        6.4   a^x  and  log_a x
ri. 01/28        6.5   Growth and decay

on. 01/31        6.6   L'Hopital's rule
ed. 02/02        6.7   Relative rates of growth
ri. 02/04        6.8   Inverse trigonometric functions

on. 02/07        6.9   Derivatives of inverse trigonometric functions; integrals
ed. 02/09        6.10  Hyperbolic functions
ri. 02/11        6.11  First order differential equations

on. 02/14              Review
ues.    02/15              Test I    (6.1-6.10)
ed. 02/16        7.1   Basic integration formulas
ri. 02/18        7.2   Integration by parts

on. 02/21        7.3   Partial fractions
ed. 02/23        7.4   Trigonometric substitutions
ri. 02/25        7.6   Improper integrals

on. 02/28        8.1   Limits of sequences of numbers
ed. 03/01        8.2   Theorems for calculating limits of sequences
ri. 03/03        8.3   Infinite series

on. 03/06        8.4   The integral test for series of nonnegative terms
ed. 03/08        8.5   Comparison tests for series of nonnegative terms
ri. 03/10        8.6   The ratio and root tests for series of nonnegative terms

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on. 03/20              Review    (6.11-8.3)
ues.    03/21              Test II
ed. 03/22              Repeat 8.4-8.6
ri. 03/24        8.7   Alternating series, absolute and conditional convergence

on. 03/27        8.8   Power series
ed. 03/29        8.9   Taylor and Maclaurin series
ri. 03/31        8.10  Convergence of Taylor series; error estimates

on. 04/03        8.11  Applications of power series
ed. 04/05        9.1 9.2 Conic sections and quadratic equations
lassifying conic sections by eccentricity
ri. 04/07

on. 04/10        9.4 9.5 Parametrizations of plane curves
alculus with parametrized curves
ed. 04/12
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ri. 04/14   9.6   Polar coordinates

on. 04/17   9.8   Polar equations for conic sections
ed. 04/19   Review

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ies.   04/25   Test III (8.4-9.5)
ed. 04/26   9.9   Integration in polar coordinates
ri. 04/28

on. 05/01   Review
ed. 05/03   Review