DATE	CLASS ROOM	QUIZ/ EXAM	TEXTBOOK SECTION: TOPIC
M 8.25	STR 137		Review: algebra
T 8.26	STR 137		Review: functions and graphs
W 8.27	STR 105		*Mathematica* lab activity: introduction and troubleshooting
R 8.28	STR 137		Introducing calculus: speedometers and odometers
M 9.1			*No class - Labor Day*
T 9.2	STR 137		23.1: Limits
W 9.3	STR 105		*Mathematica* lab activity: functions; solving equations
R 9.4	STR 137		23.1: Limits at infinity; infinite limits
M 9.8	STR 137	Quiz 1	23.2, 23.3: Definition of the derivative
T 9.9	STR 137		23.4, 24.1: Immediate applications of the derivative
W 9.10	STR 105		*Mathematica* lab activity: graphs of functions; limits
R 9.11	STR 137		23.5: Differentiation rules for polynomials
M 9.15	STR 137	Quiz 2	23.6: Product and quotient rules
T 9.16	STR 137		23.7: Chain rule
W 9.17	STR 105	Quiz 3	*Mathematica* lab activity: differentiation
R 9.18	STR 137		23.8: Implicit differentiation
M 9.22	STR 137		23.9: Higher-order derivatives
T 9.23	STR 137	Quiz 4	Review for Exam 1
W 9.24	STR 105		*Mathematica* lab activity: differentiation rules
R 9.25	STR 137	**EXAM 1**	(covers sections 23.1-23.9 and 24.1)
M 9.29	STR 137		24.2: Newton's Method I
T 9.30	STR 137		24.2: Newton's Method II
W 10.1	STR 105		*Mathematica* lab activity: Newton's method
R 10.2	STR 137	Quiz 5	24.4: Related rates I
M 10.6	STR 137		24.4: Related rates II
T 10.7	STR 137	Quiz 6	24.7: Applied optimization problems I
W 10.8	STR 105		*Mathematica* lab activity: related rates
R 10.9	STR 137		24.7: Applied optimization problems II
M 10.13	STR 137		24.7: Applied optimization problems III
T 10.14	STR 137	Quiz 7	24.8: Linear approximations
W 10.15	STR 105		*Mathematica* lab activity: optimization
R 10.16	STR 137		24.8: Differentials and measurement errors
M 10.20	STR 137		Review for Exam 2
T 10.21	STR 137	**EXAM 2**	(covers sections 24.2, 24.4, 24.7-24.8)

(continues on back)

W 10.22	STR 105		Area and displacement (back to speedometers and odometers)
R 10.23	STR 137		25.3: Fundamental Theorem of Calculus
M 10.27	STR 137		25.1, 25.2: Antiderivatives and indefinite integrals I
T 10.28	STR 137	Quiz 8	25.1, 25.2: Antiderivatives and indefinite integrals II
W 10.29	STR 105		*Mathematica* lab activity: integration
R 10.30	STR 137		25.4: Definite integrals
M 11.3	STR 137		25.4: Integration by u-substitution I
T 11.4	STR 137		25.4: Integration by u-substitution II
W 11.5	STR 105		*Mathematica* lab activity: approximate integration
R 11.6	STR 137	Quiz 9	Review of integration techniques
M 11.10	STR 137		26.1: Applications of integration
T 11.11	STR 137		26.2: Finding areas of planar regions by integration
W 11.12	STR 105		*Mathematica* lab activity: area
R 11.13	STR 137		26.3: Volumes of solids of revolution
M 11.17	STR 137	Quiz 10	Review for Exam 3
T 11.18	STR 137	**EXAM 3**	(covers sections 25.1-25.4, 26.1-26.3)
W 11.19	STR 105		Review of trigonometry and exponent/logarithm rules
R 11.20	STR 137		27.1: Derivatives of sine and cosine
M 11.24	STR 137	Quiz 11	27.2: Derivatives of other trig functions
T 11.25	STR 137		27.3: Derivatives of inverse trig functions
W 11.26			*No class - Thanksgiving break*
R 11.27			*No class - Thanksgiving break*
M 12.1	STR 137		27.5, 27.6: Derivatives of logarithmic and exponential functions
T 12.2	STR 137		27.4, 27.8: Applications of derivatives of transcendental functions
W 12.3	STR 105	Quiz 12	Review for Exam 3
R 12.4	STR 137	**EXAM 4**	(covers sections 27.1-27.6, 27.8)
	T 12.9	**FINAL EXAM**	(cumulative; 12:00-1:40 in STR 137)