Mon	Wed	Fri
8/29/2011 — Introduction (**Meets Tuesday**) — A preview of calculus	8/31/2011 — 1.1 & 1.2	9/2/2011 — 1.3 — New functions from old
9/5/2011 — **Labor Day**	9/7/2011 — 1.4 — Tangent and velocity problems	9/9/2011 — 1.5 — The limit of a function
9/12/2011 — 1.6 — Calculating limit and using the limit laws	9/14/2011 — 1.7 — The precise definition of limit	9/16/2011 — 1.7 — The precise definition of limit
9/19/2011 — 1.8 — Continuity	9/21/2011 — 1.8 — Continuity	9/23/2011 — 2.1 — Derivatives and rates of change
9/26/2011 — **EXAM 1**	9/28/2011 — 2.1 — Derivatives and rates of change	9/30/2011 — 2.2 — The derivative as a function
10/3/2011 — 2.3 — Differentiation rules	10/5/2011 — 2.4 — Derivatives of trigonometric functions	10/7/2011 — 2.5 — The chain rule
10/10/2011 — 2.5 — The chain rule	10/12/2011 — 2.6 — Implicit differentiation	10/14/2011 — 2.7 — Rates of change natural and social sciences
10/17/2011 — 2.8 — Related rates	10/19/2011 — 2.8 — Related rates	10/21/2011 — **Fall Break**
10/24/2011 — 2.9 — Linear approximations and differentials	10/26/2011 — 3.1 — Maximum and minimum values	10/28/2011 — 3.2 — The mean value theorem
10/31/2011 — **EXAM 2**	11/2/2011 — 3.3 — How derivatives affect the shape of graphs	11/4/2011 — 3.4 — Limits and infinity. Horizontal asymptotes
11/7/2011 — 3.5 — Summary of curve sketching	11/9/2011 — 3.7 — Optimization problems	11/11/2011 — 3.7 — Optimization problems
11/14/2011 — 3.9 — Antiderivatives	11/16/2011 — 4.1 — Areas and distances	11/18/2011 — 4.2 — The definite integral
11/21/2011 — 4.3 — The fundamental theorem of calculus	11/23/2011 — **Thanksgiving Recess**	11/25/2011 — **Thanksgiving Recess**
11/28/2011 — **EXAM 3**	11/30/2011 — 4.3 — The fundamental theorem of calculus	12/2/2011 — 4.4 — Indefinite integrals and net change theorem
12/5/2011 — 4.5 — The substitution rule	12/7/2011 — 5.1 & 5.2 — Area between curves and volumes	12/9/2011 — 5.3 — Volumes by cylindrical shells
12/12/2011	12/14/2011 — **Final Exam (8:00 am - 10:00 am)**	12/16/2011