

Math 112 — Spring 2009  
Tentative Schedule

**L**= lecture; **QS** = quiz section; **WS** = worksheet; **GA** = group activity

Monday, 3/30	L	Intro + WS 1: review of speed
Tuesday, 3/31	QS	GA 1: review of Math 111 topics, part 1
Wednesday, 4/1	L	WS 2: two versions of marginal revenue
Thursday, 4/2	QS	GA 2: review of Math 111 topics, part 2
Friday, 4/3	L	WS 3: secant lines and tangent lines
Monday, 4/6	L	WS 4, 5: speed graphs from distance, $MR$ graphs from $TR$
Tuesday, 4/7	QS	GA 3: the derivative as a slope
Wednesday, 4/8	L	WS 6: derived graphs
Thursday, 4/9	QS	Test prep and TA Q&A
Friday, 4/10	L	WS 7: the slope of a tangent line <b>Homework 1 due: WS 1-5</b>
Monday, 4/13	L	WS 8: speed formulas from distance
Tuesday, 4/14	QS	GA 4: three ways to compute a derivative
Wednesday, 4/15	L	WS 9: derivative rules
Thursday, 4/16	QS	Test prep and TA Q&A
Friday, 4/17	L	WS 10: $MR$ and $MC$ formulas <b>Homework 2 due: WS 6-9</b>
Monday, 4/20	L	WS 11: what speed can tell you about distance
Tuesday, 4/21	QS	Review for Exam I
Wednesday, 4/22	L	Review for Exam I
Thursday, 4/23	QS	<b>Exam I:</b> over WS 1–11 note that WS 10 and 11 will never be collected as homework but this material is on the exam
Friday, 4/24	L	WS 12: more derivative rules
Monday, 4/27	L	WS 13: combining the derivative rules
Tuesday, 4/28	QS	GA 5: derivative practice
Wednesday, 4/29	L	WS 14: maxima and minima
Thursday, 4/30	QS	Test prep and TA Q&A
Friday, 5/1	L	WS 15: demand curves <b>Homework 3 due: WS 12–14</b>
Monday, 5/4	L	WS 16: the second derivative test
Tuesday, 5/5	QS	GA 6: finding local and global optima
Wednesday, 5/6	L	WS 17: multivariable functions
Thursday, 5/7	QS	Test prep and TA Q&A
Friday, 5/8	L	WS 17: partial derivatives <b>Homework 4 due: WS 15–16</b>

Monday, 5/11	L	WS 18: linear programming
Tuesday, 5/12	QS	GA 7: partial derivatives
Wednesday, 5/13	L	WS 18: more linear programming
Thursday, 5/14	QS	Test prep and TA Q&A
Friday, 5/15	L	Review for Exam II <b>Homework 5 due: WS 17–18</b>
Monday, 5/18	L	Review for Exam II
Tuesday, 5/19	QS	<b>Exam II:</b> over WS 12–18
Wednesday, 5/20	L	WS 19: distance graphs from speed
Thursday, 5/21	QS	GA 8: introduction to anti-derivatives
Friday, 5/22	L	WS 20: <i>TR</i> graphs from <i>MR</i>
Monday, 5/25	L	<b>NO CLASS</b>
Tuesday, 5/26	QS	Test prep and TA Q&A
Wednesday, 5/27	L	WS 21: area under a curve
Thursday, 5/28	QS	GA 9: integrals and areas
Friday, 5/29	L	WS 22: areas and formulas <b>Homework 6 due: WS 19–21</b>
Monday, 6/1	L	WS 23, 24: anti-derivatives, the fundamental theorem
Tuesday, 6/2	QS	GA 10: final exam review
Wednesday, 6/3	L	Review for Final Exam
Thursday, 6/4	QS	Review for Final Exam
Friday, 6/5	L	Review for Final Exam
Saturday, 6/6		<b>Final Exam:</b> over WS 1–24 note that WS 22, 23, and 24 will never be collected as homework but this material is on the final exam