AP Calculus AB/BC
Chapter 3 Syllabus*

Day	Date	Description	Homework
1		3.1 - Relative and Absolute Extrema	• p. 217 (11, 17, 27, 30, 35, 39, 40, 41, 47, 63, 71, 72, 74-77 all)
2		3.2 - Rolle's Theorem and the Mean Value Theorem FR 1	• p. 224 (1, 9, 13, 17, 21, 29, 39, 41, 47, 57, 59, 81, 83)
3		Derivative Approximations and Existence Theorems Given Tabular Data	• IVT/MVT WKST
4		3.1-3.2 Quiz 3.3 - Increasing and Decreasing Functions and the First Derivative Test FR 2, 14	• p. 233 (5 – 17 odd, 23, 27, 33, 37, 43, 59, 77, 79, 117, 118
5		3.4 Concavity and the Second Derivative Test FR 5, 15	• p. 242:1–5 odd,13,15,19,31,39,53,83,87– 89 all
6		3.5 - Curve Sketching FR 11	• p. 253: (5, 13, 17, 89, 92) • FR 3, 7, 16
7		More Curve Sketching	• Curve Sketching HW WKST • FR 8, 15
8		3.3-3.5 Quiz Relating f, f', f'', Interpreting f' Graphs	• Relating f, f', f" graphs WKST
9		**Matching Game**	• p. 276 (1-5 all, 10, 12, 13)
10		Motion – Revisited 3.7 - Linear Approximation	• Another Motion WS • Linear Approximation WS
11		3.6 – Optimization FR 10	• Pg. 262: (3-19 eoo, 25, 29, 33, 52-54 all)
12		Relating f, f',f'',Motion,3.7 Quiz More Optimization	• More Optimization WS • Ch 3 Test Review MC
13		Review	• Ch 3 Test Review FR
14		Ch 3 Test	

*Syllabus Subject to Change