

Tentative Lecture Schedule and Suggested Homework from the Textbook (Larson & Edwards 11e) Math 155 - Dr. Nakamura				WebAssign Assignments
Week	Sections	Title	Suggested Homework	WebAssign
Wk 1	7.1	Area of a Region Between Two Curves	<b>7.1:</b> #5-27 eoo (every other odd), 39	
	7.2	Volume: The Disk Method	<b>7.2:</b> #5-39 eoo	
	7.3	Volume: The Washer Method	<b>7.3:</b> #3-25 eoo	
Wk2	8.1	Basic Integration Rules	<b>8.1:</b> 1-45 odd, 51-69 odd	8.1, 8.2
	8.2	Integration by Parts	<b>8.2:</b> 1-33 odd, 35, 43-49 odd	
Wk 3	8.2	Integration by Parts (cont.)	<b>8.3:</b> 3-13odd, 21, 25, 27, 29, 31, 33, 59, 63, 65	8.3, <a href="#">Ch.8 Quiz #1</a>
	8.3	Trigonometric Integrals		
Wk 4	8.4	Trigonometric Substitution	<b>8.4:</b> #3-13 odd, #19-29 odd, 33, 35, #37-41 odd (only part a) <b>8.5:</b> #3-31 odd	8.4, <a href="#">Ch.8 Quiz #2</a>
	8.5	Partial Fractions		
Wk 5	8.5	Partial Fractions (cont.)	<b>8.6:</b> #3-23 odd	8.5, 8.6
	8.6	Numerical Integration		
Wk 6		Numerical Integration (cont.)	<b>8.8:</b> #5-11 odd, 17-49 odd, 53, 55, 57	8.8, <a href="#">Ch.8 Quiz #3</a>
	8.8	Improper Integrals		
Wk 7	<b>Exam #1</b>	<b>Exam #1 (7.1~8.8)</b>	<b>9.1:</b> #5-63 eoo	9.1
	9.1	Sequences Series and Convergence		
Wk 8	9.2	Series and Convergence (cont.)	<b>9.2:</b> #5-23 odd, #29-55 eoo	9.2, <a href="#">Ch.9 Quiz #1</a>
	9.3	The Integral Test and P-Series		
Wk 9	9.3	The Integral Test and P-Series (cont.)	<b>9.3:</b> #3-37 odd, 45	9.3
	9.4	Comparison of Series		
Wk 10	9.4	Comparison of Series (cont.)	<b>9.4:</b> #5-33 odd, 43, 45  <b>9.5:</b> #9-35 odd, #41-57 odd	9.4, <a href="#">Ch.9 Quiz #2</a>
	9.5	Alternating Series		
Wk 11	9.6	The Ratio and Root Tests	<b>9.6:</b> #1-11 odd, #17-35 odd, #39-67 eoo, #83-91 odd <b>9.7:</b> # 9, 11, #17-31 odd, 49, 51	9.5, 9.6, <a href="#">Ch.9 Quiz #3</a>
	9.7	Taylor Polynomials and Approximations		

Wk 12	<b>Exam #2</b> 9.8	<b>Exam #2 (9.1~9.6)</b>  Power Series	<b>9.8:</b> # 5-33 odd, 49, 51	9.7, 9.8 <a href="#">Ch.9 Quiz #4</a>
Wk 13	9.9 9.10	Representation of Functions by Power Series Area and Arc Length in Polar Coordinates	<b>9.9:</b> # 3-19 odd, 37 <b>9.10:</b> #5-13 odd, 27-33 odd	9.9, 9.10, <a href="#">Ch.9 Quiz #5</a>
Wk 14	10.1 10.2	Conics and Calculus  Plane Curves and Parametric Equations	<b>10.1:</b> #5-47 eoo, 51, 53, 55 <b>10.2:</b> #5-49 eoo, 59, 61, 63, 65	10.1, 10.2 <a href="#">Ch.10 Quiz #1</a>
Wk 15	10.3 <b>Exam #3</b>	Parametric Equations and Calculus  <b>Exam #3 (9.7~10.2)</b>	<b>10.3:</b> #5-29 odd, #33-41 odd, 49, 51	
Wk 16	10.4 10.5	Polar Coordinates and Polar Graphs Area and Arc Length in Polar Coordinates	<b>10.4:</b> #5-33 eoo, 57, 63, 65, 69, 73, 81, 83, 85 <b>10.5:</b> #3-33 odd, 37, 39	10.3, 10.4 <a href="#">Ch.10 Quiz #2</a>
Wk 17	10.6 <b>Final Exam</b>	Polar Equations of Conics and Kepler's Laws  <b>Final Exam Cumulative (Ch.7~Ch.10)</b>	<b>10.6:</b> #7-25 eoo, 61	10.6