

Math 211, Schedule for Unit 2

Mon	Wed	Thurs	Fri
Sep 19, 2011	Sep 21, 2011	Sep 22, 2011	Sep 23, 2011
Exam 1 (1.1-1.3, 1.5-1.10, 9.1, 9.2) HW due: 9.1, 9.2	(no class: colloquia)	Lab 4 Arbor Tree Farm Due 5pm: Report for Labs 2-3	2.1 Inst. rate of change <i>HW: 1, 3, 4, 6, 7, 8, 12, 13, 15, 18, 21, 23, 24</i> (No in-class exer.)
Sep 26, 2011	Sep 28, 2011	Sep 29, 2011	Sep 30, 2011
2.2 The derivative fcn. <i>HW: 3, 6, 9-12, 13, 15, 17, 19-26, 28, 29</i> HW due: 2.1	2.3 Interpretations of the derivative <i>HW: 1, 2, 4, 9, 10, 11-14, 17, 20, 22, 23, 30, 36</i>	Lab 5 Limits, continuity, and the derivative Due 5pm: Report for Lab 4	2.FT Limits, continuity, and the definition of the derivative <i>HW: p 131-132: 1, 3, 4, 5, 8, 24, 26, 32</i> In-class exer.
Oct 3, 2011	Oct 5, 2011	Oct 6, 2011	Oct 7, 2011
2.4 The second derivative <i>HW: 2-7, 8, 11, 12, 15, 16, 20, 24</i> HW due: 2.2, 2.3, FT	5.1 Distance and acc. change <i>HW: 2, 4, 6, 11, 17, 20</i>	Lab 6 Limits and integrals	5.2, 5.3 The definite integral, Area 5.2 <i>HW: 1, 3, 5, 6, 7, 16</i> 5.3 <i>HW: 3, 7 8, 9, 12-15, 16</i> In-class exer.
Oct 10, 2011	Oct 12, 2011	Oct 13, 2011	Oct 14, 2011
5.4 Interpretations of the def. int. <i>HW: 1-6, 14, 16-18, 26-27, 42</i> HW due: 2.4, 5.1, 5.2	3.1, 3.2 Derivative formulas <i>HW: 3.1: 1, 7, 9, 22, 23, 27, 31, 39, 44, 51, 55; 3.2: 3, 11, 15, 17, 21, 26</i>	Lab 7 Applications of def. int. Due 5pm: Report for Labs 5-6	3.3-3.5 Diff'n rules <i>HW: 3.3: 1, 5, 9, 15, 17, 23, 25, 31, 33, 35, 42, 44, 50, 52, 53; 3.4: 1, 3, 5, 27, 28, 39, 42, 43; 3.5: 1, 3, 7, 9, 15, 21, 23</i> In-class exer.
Oct 17, 2011	Oct 19, 2011	Oct 20, 2011	Oct 21, 2011
(Fall break)	(Fall break)	Lab 8 Differentiation practice Due 5pm: Report for Lab 7	Exam 2 (2.1-2.4, 2.FT, 3.1-3.5, 5.1-5.3) HW due: 5.3, 5.4 3.1-3.5