

Unit 1 – BC Calculus

Techniques of Integration

Wed 1/25 - Lesson 1 – Review of all Integration from AB

HW: Larson p. 486-487 #1-4, 15-54, 63-70

Thurs 1/26 - Lesson 2 – Integration by Parts

HW: Larson p. 494 #1-4all, 5-35, 47-57 odds, 97 a, b, c

Extra Practice: Stewart p. 407 #1-28, 33-36, 41 odds omit 35c

Fri 1/27 - Lesson 3 – Integration using Partial Fraction Decomposition

HW: Larson p. 522 #1-31 odds

Extra Practice: Stewart p. A54 #1-28, 32 evens

Mon 1/30 - Lesson 4 – L'Hopital's Rule

HW: Larson p. 537 #1-36

Extra Practice: Stewart p. 308 #1-29

Tues 1/31 – Lesson 4 Complete L'Hopital's Rule

HW: Larson p. 537 #37-54

Wed 2/1 - Lesson 5 – Improper Integrals – Type I

HW: Larson p. 547 #9-26

Extra Practice: Stewart p. 435-436 #3-21 odds, 40

Thurs 2/2 - Lesson 6 – Improper Integrals – Type II

HW: Larson p. 547 #1-8, 27-42

Extra Practice: Stewart p. 435-437 #1, 23-31 odd, 41, 43

Fri 2/3 - Lesson 8 – Review

HW: Larson p. 550-551 #1-16, 31-36, 65, 66, 71-82, 84

Mon 2/6 – More Review and 9 Point Drill

HW: Finish Review from Larson – Work on Extra Reviews Needed

Tues 2/7 – MC Partner Quiz - HW Study

Wed 2/8 – Unit Test 1