Unit 7-Integration

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|  | Topic | Assignments |
| Day 1  Fri 11/3 | 5.1 Rectangular Approximation for Area Under a Curve | p.324 #3,5,7(use 4 partitions),11,13 |
| Day 2  Mon 11/6 | 8.7 Trapezoidal Approximation for area under a curve | Trapezoidal Approximation Worksheet |
| Day 3  Tues 11/7 | 5.2 Limits of Riemann sums | Limits of Riemann sums Worksheet |
| Day 4  Wed 11/8 | **Quiz**  5.2 Finding Area using Geometry formulas and Properties of Definite Integrals | p.338 #33-43, 47-50 |
| Day 5  Thurs 11/9 | 4.10 Antiderivatives | Calculaugh 45  p.305 #13-16,24,27,29,31,39 |
| Fri 11/10 | **Veteran’s Day** |  |
| Day 6  Mon 11/13 | 5.3 Fundamental Theorem of Calculus Part 2 | p.348 #19-36,60 NO CALCULATORS!! |
| Day 7 Tues 11/14 | 5.4 Total Distance vs. Displacement | p.307 #53-57odd,68  p.358 #53-56.59 |
| Day 8  Wed 11/15 | More Motion | Worksheet 4 |
| Day 9  Thurs 11/16 | **Quiz**  5.3 Fundamental Theorem of Calculus Part 1 | p. 348 #4, 7-17 odd, 43,45,51 |
| Day 10  Fri 11/17 | 6.5 Average Value Theorem | Calculaugh 50  p. 405 #3,6,10, 13,14,15 (n=3) |
| Day 11  Mon 11/20 | Review | Chp 4 (Sec 4.10) p310 #53-57  Chp 5 (Sec 5.1-5.4) p370 #33, 35, 37, 44-47  P348 #3  Chp 6 (Sec 6.5) p407 #30 set up and evaluate with calculator  Chp 8 (Sec 8.7) p578 #67 using trap. Approx. |
| Day 12  Tues 11/21 | Test |  |