

AB CALCULUS**JANUARY 2012**

| Monday | Tuesday | Wednesday | Thursday | Friday |
|--|--|--|--|--|
| | | 4 Area: p. 380 # 1 – 13 e.o.o., 21, 29, 40, 47 | 5 More Area: p. 380 # 3 – 17 e.o.o, 23, 25, 45 | 6 Quiz: Area |
| 9 Volumes: p. 391 # 45 – 57 odd Lab: Cross Sections WS | 10 More Volumes: p. 391 # 1 – 29 odd | 11 Barron's: p. 319 # 18 – 26, 48 - 50 | 12 Quiz: Volumes by Cross Sections | 13 Volumes Concluded: p. 396 # 1 – 25 odd, 28, 29 – 33 odd |
| 16 Holiday—MLK | 17 CW 13 and 14 Start Lab Area and Volume | 18 Continue Lab | 19 Complete Lab | 20 Test: Area and Volume |
| 23 Average Value: p. 405 # 1 – 19 odd Lab: Motion Revisited | 24 Start Lab: Applications of Integration | 25 Continue Lab | 26 Precal Review: Logarithms p. 458 # 1 – 12 | 27 Test: Applications of Integration |
| 30 Derivatives of Inverse Functions: p. 420 # 3 – 19 odd, 20 – 22, 33 – 43 odd Lab: Inverse Functions | 31 Diff Natural Log: p. 458 # 13 – 37 e.o.o., 41 – 45 odd, 55 – 58, 83 | | | |

AB CALCULUS**FEBRUARY 2012**

| Monday | Tuesday | Wednesday | Thursday | Friday |
|---|--|--|--|--|
| | | 1 Int Natural Log: p. 459 # 59 – 72, 74, 75, 76 ab | 2 Quiz: Derivatives of Inverse Functions and In | 3 Precal Review: Exp p. 465 # 3 – 23 odd |
| 6 Diff Exp: p. 465 # 25 – 55 odd, 59 – 62, 83, 84 Lab: Barron's Assignment TBA | 7 AMC: F Block will take test during class; D Block use the period to make up what was missed in E or F | 8 Int Exp: p. 466 # 69 – 80 | 9 Parent Conferences—No Classes | 10 Lab: CW 15/16 Transcendental Functions Part 1 Take Home Quest: Inverse, In, and e |
| 13 Bases other than e: p. 475 # 3 – 17 odd, 21 – 47 odd Lab: Barron's Assignment TBA | 14 Precal Review: Inverse Trig: p. 483 # 1 – 16; p. A32 # 29 – 34 | 15 Derivatives of Inverse Trig: p. 483 # 23 – 33 odd, 43, 45, 49 | 16 Integrals and Inverse Trig: p. 485 # 57 – 73 | 17 Faculty Inservice—No classes |
| 20 Holiday—President's Day | 21 Lab: Transcendental Functions Part 2 | 22 Quiz: Bases other than e, Inverse Trig | 23 L'Hopital: p. 501 # 1 – 33 e.o.o., 67, 70 | 24 Quest: Inverse Trig and l'hospital |
| 27 Trig Integrals: p. 524 # 1 – 39 odd, 45, 53, 55, 59, 63 Start Lab: Ch. 7/8 | 28 Numerical Methods: p. 563 # 1, 8, 13, 29, 33 | 29 p. 504 T/F # 1 – 18 omit 15 | | |

AB CALCULUS**MARCH 2012**

| Monday | Tuesday | Wednesday | Thursday | Friday |
|--|----------------------------------|---|--|---|
| | | | 1 Complete Lab | 2 Test: Integration Techniques (Ch. 7 & 8) |
| 5 Diff Eq & Solving Separable DEs: p. 627 # 3, 5, 6, 9; p. 643 # 1 – 19 odd, 20, 33 Lab: Barron's Assignment TBA | 6 Finish Barron's | 7 Quiz: Differential Equations | 8 Slope Fields & Euler's Method: p. 634 # 1, 3 – 6, 21 | 9 Barron's Assignment TBA |
| 12 Exp Growth & Decay: p. 656 # 1, 3, 5, 9, 13, 17 Lab: Barron's Assignment TBA | 13 Finish Barron's | 14 Lab: Ch. 10 | 15 Complete Lab | 16 Test: Ch. 10 |
| 19 Interim | 20 Interim | 21 Interim | 22 Interim | 23 Interim |
| 26 Spring Break | 27 Spring Break | 28 Spring Break | 29 Spring Break | 30 Spring Break |

AB CALCULUS**APRIL 2012**

| Monday | Tuesday | Wednesday | Thursday | Friday |
|---|--|---|---|---|
| 2 Review: Limits and Derivatives | 3 Review: Limits and Derivatives | 4 Review: Apps Derivative/Definite Integrals | 5 Review: Apps Derivative/Definite Integrals | 6 Review: Apps Integration |
| 9 CW: FR 1 HW: FR 2 | 10 Discuss FR 1 & 2 | 11 CW: MC 1 HW: MC 2 | 12 Lab: MC 3 CW: MC 4 | 13 Discuss MC 1 - 4 |
| 16 CW: FR 3 HW: FR 4 | 17 Discuss FR 3 & 4 | 18 CW: FR 5 HW: FR 6 | 19 Lab: MC 5 CW: MC 6 | 20 Discuss FR and MC 5 & 6 |
| 23 CW: FR 7 HW: FR 8 | 24 CW: FR 9 HW: FR 10 | 25 Discuss FR 7 – 10 | 26 Lab: MC 7 CW: MC 8 | 27 Discuss MC 7 & 8 |
| 30 Mock AP: Calculator FR (45 minutes) | | | | |

AB CALCULUS**MAY 2012**

| Monday | Tuesday | Wednesday | Thursday | Friday |
|--|---|---|--|---------------------------------|
| | 1 Mock AP: Non-Calculator FR (45 minutes) | 2 Mock AP: Calculator MC (50 minutes) | 3 Mock AP: Non-Calculator MC (55 minutes) | 4 Discuss Mock AP |
| 7 AP Chem | 8 AP Spanish Language | 9 AP Calculus AB & BC | 10 AP Literature & Composition AP Latin: Vergil | 11 AP US History |
| 14 AP Biology AP Phys B/C | 15 AP US Government | 16 AP Language and Composition | 17 | 18 |