**AP Calculus AB Lesson Plan: Cycle 1, 2018**

**This is a tentative schedule. Necessary changes will be made depending upon other activities in school and they will be announced in class.**

Teacher: JT TsengTextbook: Calculus Early Transcendental Functions by Larsen and Edwards(6th edition), Publisher: Cengage Learning

TB – Textbook; WB – Workbook; eoo – every other odd

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| --- | --- | --- | --- | --- |
| Monday | Tuesday | Wednesday | Thursday | Friday |
| Aug. 27 (A/B) | Aug. 28 (A) | Aug. 29 (B) | Aug. 30 (A) | Aug. 31 (B) |
| Limits  (TB) 2.2 #1-29 eoo |  | Limits  HW: (TB) 2.3 #1-93 eoo |  | Limits and Continuity  HW: (TB) 2.4 #1-51 eoo |
| Sep. 3 | Sept. 4 (A) | Sept. 5 (B) | Sept. 6 (A) | Sept. 7 (B) |
| Labor Day Holiday |  | IVT and EVT  HW: (TB) 2.4 #53-101 eoo  **Quiz 1 on Summer Review Package and Limits** |  | Infinite Limits and Limits at Infinity  HW: (TB) 2.5 #1-57 eoo |
| Sept. 10 | Sept. 11 (A) | Sept. 12 (B) | Sept. 13 (A) | Sept. 14 (B) |
| Student Holiday |  | **Quiz 2 on Limits, Continuity, IVT, EVT, Infinite Limits, and Limits at Infinity** |  | Power Rule for Derivatives  HW: (TB) 3.1 #1-63 eoo  (WB) All Problems not done in class |
| Sept. 17 (A) | Sept. 18 (B) | Sept. 19 (A) | Sept. 20 (B) | Sept. 21 (A) |
|  | **Test 1 on Limits, Continuity, IVT, EVT, Infinite Limits, and Limits at Infinity** |  | Product and Quotient Rules for Derivatives  HW: (TB) 3.2 #1-81 eoo  (WB) | Early Dismissal |
| Sept. 24 (B) | Sept. 25 (A) | Sept. 26 (B) | Sept. 27 (A) | Sept. 28 (B) |
| Derivative of Trig Functions  HW: (WB) All Problems not done in class |  | **Quiz 3 on Power Rule, Product Rule, Quotient Rule, and Derivative of Trig Functions** |  | Differentiability  HW: (WB) All Problems not done in class |
| Oct. 1 (A) | Oct. 2 (B) | Oct. 3 (A) | Oct. 4 (B) | Oct. 5 (A) |
|  | **Test 2 Comprehensive** |  | Chain Rule, Derivatives of Composite Functions  HW: (WB) All Problems not done in class |  |