AP Calc BC Unit 4 Calendar, Mr. Felling, 2024-2025

Date: **Schedule:**   **Homework:**

WEEK 9

M 9/16 << ACT Horizon Practice Test >>

T 9/17 4.1 Antiderivatives w/shortcuts

W 9/18 4.2 Riemann sums and definite integrals (rectangular and trapezoidal)

Th 9/19 4.2 day 2

F 9/20 4.3 Fundamental Theorem of Calculus (for definite integrals)

WEEK 10

M 9/23 4.4 (net change theorem – change to start plus accumulation method SPAM, Displacement vs. total distance traveled)

T 9/24 (fire alarm per 3) review

W 9/25 review

Th 9/26 **Unit 4 Part 1 Test * (Riemann, areas, antiderivative shortcuts, definite integrals)**

F 9/27 makeup day (could it split to calc1 techniques before fall break, calc 2 after?)

FALL BREAK

WEEK 11

M 10/14 Teacher workday

T 10/15 4.5 Integration by u-substitution

W 10/16 4.5 day 2

Th 10/17 4.6 Integration using Algebra

F 10/18 4.7 Integration by parts

WEEK 12

M 10/21 4.7 day 2

T 10/22 (PSAT – 30 min classes) 4.8 trig integrals

W 10/23 (other disruptions) 4.8 day 2 (due to schedule disruptions)

Th 10/24 4.9 trig substitution

F 10/25 4.10 partial fractions

WEEK 13

M 10/28 4.11 Improper Integrals

T 10/29 (fire alarm period 6) 4.11 day 2

W   10/30   4.12 selecting an integration strategy

Th   10/31   review

F   11/1   review

WEEK 14
M   11/4   ** Unit 4 Part 2 Test – day 1 ** (advanced integration techniques)

T   11/5   ** Unit 4 Part 2 Test- day 2 ** (advanced integration techniques)