

Calc3 Chapter 14 Calendar, Mr. Felling, 2023-2024

Date: Schedule: Homework:

WEEK 7

M 8/28 *** Ch13 test***

T 8/29 14.1 multivariable functions, level curves

W 8/30 (1/2 day) HW questions day

Th 8/31 14.2 limits and continuity of multivariable functions, sinc function, special trig limits, sombrero function, path dependent limits in 3D

F 9/1 14.3 partial derivatives of multivariable functions

WEEK 8

M 9/4 Holiday (Labor Day)

T 9/5 14.4 tangent planes and linear approximation, in 2D, 3D, differentials

W 9/6 14.5 Chain Rule and Implicit Differentiation

Th 9/7 14.1-14.5 Review

F 9/8 14.1-14.5 Review

WEEK 9

M 9/11 ** Ch14.1-14.5 test **

T 9/12 14.6 Directional Derivatives, Gradient Vector

W 9/13 14.7 Min/Max without constraints, Hessian determinant, local vs. absolute extrema

Th 9/14 << ACT Horizon Practice Test? (will replace a review day) >>

F 9/15 14.7 Min/Max with constraints

WEEK 10

M 9/18 14.8 Lagrange multipliers (concept, examples)

T 9/19 14.6-14.8 questions

W 9/20 (details for the 14.6-14.8 test will be announced later)

Th 9/21 (details for the 14.6-14.8 test will be announced later)

F 9/22 (details for the 14.6-14.8 test will be announced later)

FALL BREAK
