

MATHEMATICS 134: CALCULUS II

Instructor: Robert Young

Office Hours: MTThF 4:30 – 5:30 (King 224)

Text: *Single Variable Calculus*, 7th edition, James Stewart

Course Content:

Elementary transcendental functions -- chapter 6
Techniques of integration -- chapter 7
Applications of integration -- chapter 8
Differential equations -- chapter 9
Parametric equations and polar coordinates -- chapter 10
Infinite sequences and series -- chapter 11

Tentative Examination Schedule:

Examination 1 -- chapters 6, 9
Examination 2 -- chapter 7, 8
Examination 3 -- chapters 10, 11
Final exam -- everything

First Assignment: Read Section 6.1

P. 390 -- 11, 13, 15, 25, 27, 29, 33, 34