

Course: MATH 134-01, Calculus II, Spring 2014

Time: MTRF 9:00 – 9:50 a.m., King 241

Instructor: Michael Raney

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Office hours: T 3:00 – 4:00 p.m., W 9:30 – 10:30 a.m., R 3:00 – 5:00 p.m., or by appointment.

Textbook: Stewart, *Single Variable Calculus*, 7th edition, Thomson Brooks/Cole (2008).

Course overview: Continuation of the study of the calculus of functions of one variable. Topics include logarithmic, exponential and the inverse trigonometric functions, techniques of integration, polar coordinates, parametric equations, infinite series and applications.

Prerequisite: MATH 132 or MATH 133.

Homework: Homework will be collected approximately once per week. You will be given handouts on Blackboard containing reading assignments and both practice problems and problems to be collected. You are encouraged to try as many of the practice problems as it takes to ensure that you understand the material. You may work with other members of the class on all homework problems, but not to the extent that you simply copy another's work. Please note that *late assignments will not be accepted*. The lowest homework percentage will be dropped when your homework average is computed.

Exams: There will be three midterm exams and a final exam. The first midterm exam will be due Thursday, February 27. The second midterm exam will be due Thursday, April 3. The third midterm exam will be due Thursday, May 1. The final exam will take place on Thursday, December 19 from 2:00 – 4:00 p.m. Please let me know if there is a problem with any of these dates.

Grading scheme: Your homework average constitutes 20% of your overall course average. Each midterm exam is worth 17%, and the final is worth 29%.

Honor System: You are urged to review the Honor Code and Honor System at <http://new.oberlin.edu/students/policies/#honor>. You will be expected to adhere to the Honor Code and Honor System with respect to all of your work in this class.

Disabilities: Students with documented disabilities are encouraged to contact me so that reasonable accommodations may be made.