

1. **Instructor.** B. Dodson, Room 207 XS, Phone x8-3745, Email bad0.

2. **Text.** J. Stewart, Calculus, Early Transcendentals, Eighth Edition. Selected portions of Chapters 6-11 will be covered (see the list of topics below).

3. **Attendance.** Attendance is required in class. Homework will be assigned in each period. The purpose of these assignments is to prepare you for quizzes and exams, as well as to make sure that we cover the complete syllabus. These problems will usually be selected from the list of Spring 2016, which is attached.

4. **Quizzes.** There will be 100 points for daily in-class material, which will consist of graded homework, in-class quizzes or some combination. Late work will not be accepted, but one grade will be dropped to allow for unavoidable absences. Each class meeting will include material that would be covered during “recitation” in the regular sessions.

5. **Exams.** There will be four hour exams, which count for 100 points each. The exams will be given in the 10:00-11:50 meetings of June 7, 14 and 21 and in the final exam period on July 1. This last exam will also count for 100 points, and will include some material from the first three exams as well as new material covered since the third exam.

6. **Grades.** Grades are based on your score out of the above 500 points. Exams and quizzes will be based on homework.

7. **Objectives.** We will cover the standard material of the second semester of University Calculus, culminating with sequences and series, including Taylor series, at a level appropriate for students that might expect to make subsequent use of the material. Specific topics include applications of integration, techniques of integration, first order differential equations, and parametric equations and polar coordinates. Full attention will be given to use of formulas. Subsequent objectives will be described in class notes.