Math 2313
CRN 11272 TR 2:00–3:15PM MCS 103
Fall 2016

Course: Calculus 1
Instructor: Dr. R. Scott Williams
Office: MCS 102
Office Hours: T: 3:30-4:30 p.m.
R: 3:30-4:30 p.m.
F: 11:00-12:00 p.m.
or By Appointment
E-Mail: rwilliams77@uco.edu
Class Webpage: http://math.uco.edu/pages/rwilliams/math2313-fall2016.html

Prerequisite: College Algebra and Plane Trigonometry (or equivalent).

Course Description: This is the first course of a four-semester sequence of differential and integral calculus with applications. The course covers limits and continuity, derivatives and their applications as well as the basic theory of Riemann integration in one variable and the fundamental theorem of calculus.

Course Objectives: Upon completion of the course, students should be able to:

- Analyze limits and the continuity properties of mathematical functions.
- Evaluate derivatives and analyze the properties of mathematical functions using derivatives.
- Determine and evaluate both definite and indefinite integrals of mathematical functions.
- Use the tools of differentiation and integration to solve application problems from various disciplines.

Attendance: Students are expected to attend every scheduled class. It is the student’s responsibility to keep informed of any announcements, syllabus adjustments or policy changes made during scheduled classes, by email, or posted on our class webpage. Students are also responsible for work missed due to absences, and are expected to initiate a request to make up the class work or examination missed; proper documentation may be required in order to make up work. Students are expected to behave in accordance with the Student Code of Conduct and the Code of Academic Integrity. These codes and policies can be found at https://www.uco.edu/academic-affairs/students/expectations.asp.

Homework: Homework will be split between online homework (via WeBWorK) and handwritten homework. At the end of the semester a few of your lowest homework scores will be dropped – the actual number of dropped homework will be determined at a later date.

To access WeBWorK visit: https://webwork.uco.edu and select “Williams (TR 2:00pm)”. For each section of the textbook covered in class there will be a corresponding online homework set assigned. Always check WeBWorK for the current due dates of your homework – there will be no due date extensions if you forget to submit your homework!

There will be several handwritten homework sets assigned each chapter. These handwritten homework sets will contain problems from multiple sections within the current chapter. These homework assignments will not only be graded on the correctness of your answer, but on your ability to exhibit the steps you took to obtain your answer using correct mathematical notation.

You are encouraged to discuss homework problems with me, with tutors, and especially with each other. However, you are expected to write up your own solutions. If you have a question about a homework problem and want to email me for help, please include “Math 2313 Homework Question” in the subject line. In the body of the email, be sure to include your name, the section the question comes from, the question number,
and any steps you have tried to solve the problem. I will not respond to emails that say “How do I do problem #blank” – at least tell me what you think should be tried to solve the problem. Also, all emails should be written in a professional manner. Any email lacking correct spelling, punctuation, capitalization or grammar will be disregarded and returned to the sender.

Procedures for Handwritten Homework:

- Do your homework on regular 8.5" × 11" notebook paper. You may write on both sides of the paper. No fringes, please.
- Your (full) name and the homework number should be written at the top of every page, with multiple pages being stapled together. If multiple pages are not stapled together, only the first page of your homework will be graded.
- Each problem should be neatly written, with all intermediate steps included and the problem number clearly marked.
- You will not be given credit for problems that are not legible. If you handwriting is illegible, you will be given a warning, after which I will no longer accept your assignments unless they are legible.

In-Class Exams: The three in-class exams are tentatively scheduled for Thursday, September 15; Thursday, October 27; and Tuesday, November 22. In general, there will be no make-up exams in the course, however, in complex and unusual circumstances which are beyond your control, a make-up exam by be given on a case-by-case basis. This will require providing a detailed account of the situation and supporting documents. Approval in these cases is at the sold discretion of the instructor.

Final Exam: The final exam is scheduled for Thursday, December 15 from 1:00-2:50pm. Additional information and a study guide can be found on both our course webpage as the exam nears.

Calculators: Calculators will not be permitted on exams, but you are welcome to use a calculator on your homework.

Grades: The typical grading scale will be used for this course:

<table>
<thead>
<tr>
<th>Percentage Range</th>
<th>Grade</th>
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</thead>
<tbody>
<tr>
<td>90% to 100%</td>
<td>A</td>
</tr>
<tr>
<td>80% to 89%</td>
<td>B</td>
</tr>
<tr>
<td>70% to 79%</td>
<td>C</td>
</tr>
<tr>
<td>60% to 69%</td>
<td>D</td>
</tr>
<tr>
<td>&lt; 60%</td>
<td>F</td>
</tr>
</tbody>
</table>

Course grades will be computed according to the following scheme:

<table>
<thead>
<tr>
<th>Component</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Written Homework</td>
<td>10%</td>
</tr>
<tr>
<td>Online Homework</td>
<td>15%</td>
</tr>
<tr>
<td>Exams (3)</td>
<td>15% each</td>
</tr>
<tr>
<td>Final Exam</td>
<td>30%</td>
</tr>
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A.D.A. Announcement: The University of Central Oklahoma complies with Section 504 of the Rehabilitation Act of 1973 and the Americans with Disabilities Act of 1990. Students with disabilities who need special accommodations must make their requests by contacting Disability Support Services at (405) 974-2516. The DSS Office is located in the Nigh University Center, Room 309. Students should also notify the instructor of special accommodation needs as soon as possible.

Emergency Closure Policy: If an emergency occurs that prevents the administration of a final examination, the student’s final course grade will be calculated based on the work in the course completed to that point in time and the faculty member’s considered judgment. Final exams will not be rescheduled, and a grade of “I” will not be given as a result of the missed exam.

UCO Student Information Sheet and Syllabus Attachment: Please see the following PDF for additional University Policies: