SHORT CALCULUS
MATH 16A, Summer Session II 2016

Instructor: Tynan Lazarus
Lecture: MWF 4:10-5:50pm, Haring 2016
Office: 3219 Mathematical Sciences Building (MSB)
Office Hours: MTR 11:00am - 12:00pm (MSB 3219)
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Course Description: Prerequisite: two years of high school algebra, plane geometry, plane
trigonometry, and satisfying the Mathematics Placement Requirement. This course will
mainly talk about: limits; differentiation of algebraic functions; analytic geometry; applications,
in particular to maxima and minima problems. Not open for credit to students who
have completed course 17B, 17C, 21A, 21B, or 21C. Only 2 units of credit to students who
have completed course 17A.
OR
Math 16 for University of California, Davis by Larson and Edwards (ISBN: 978-1-4240-
8019-9)
OR
We will cover sections 1.1-1.6, 2.1-2.8, 3.1-3.8, 4.1-4.3, 8.1-8.4 (from the 9th Edition)

Grading: The course grades will be determined by the following rubric:

Quizzes 65%
Final (Friday, September 9) 35%

Homework: Homework problems will be posted daily to smartsite and the webpage af-
fter each lecture and “due” two lectures later. The homework will not be collected. The
problems are posted for you to practice and learn the material covered in class. It is highly
recommended that you do all the problems since the quizzes and final will contain problems
that are similar or even identical to these homework problems. You are welcome to discuss
these problems with your classmates or with Tynan.

Quizzes: At the beginning of each lecture (promptly) there will be a 10-15 minute quiz that
will have similar or identical problems to the homework problems posted to be “due” that
day. The quizzes are open note. The lowest three quizzes will be dropped. No collabora-
tion of any kind is allowed on quizzes. No calculators or electronics are allowed on any quizzes.

It is your responsibility to do homework regularly and ask for help when needed.

Exams: No notes, books, calculators or electronics are allowed on any exam. No collabo-
ration of any kind is allowed on exams. No make-up exams will be given. A missed exam is zero points.
If the class statistics for the course are low, then I will curve the grades. A curve will never lower your score. If the average of the mean and median for the middle 90 percentile does not reach a suitable level, then everybody’s score will be curved by the formula

\[ \text{Curved Score} = (\text{Original Score})^k \cdot 100, \]

for some suitably chosen constant \( k \leq 1 \) to make the average of the mean and the median for the middle 90 percentile to be at least 75% score. I reserve the right to curve final grades.

The last day to ADD the class is August 5, 2016.
The last day to DROP the class is August 8, 2016

**Students with disabilities:** Any student with a documented disability who needs to arrange reasonable accommodations must contact the Student Disability Center (SDC). The instructor is authorized to provide only the accommodations requested by the SDC. If you have any questions, please contact the SDC at (530)752-3184 or sdc@ucdavis.edu.