Math 150A – Calculus I
Fall 2017

Day and Time: Monday, Tuesday, Thursday, 17:00-18:25, Chaparral 5114
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Office Hours: Tuesday and Thursday 15:30–17:00, or by appointment

Course objectives:
• Gaining competence in mathematical reasoning needed in more advance college courses and/or various professional decisions.
• Understanding basic ideas of mathematics of change (rate growth of an organism, chemical reaction rates, instantaneous velocity, etc) through the two fundamental concepts of calculus: the derivative and the integral of a function.

We will cover most of the material from Chapters 2-7. Chapter 2 introduces limits and continuity of functions. Notion of the limit, the most fundamental concept in calculus, is being used in Chapter 3 to define the derivative of a function. Chapter 2 also includes various properties of derivatives. In Chapter 4 the notion of derivative is being applied in optimization problems and graph sketching. Chapter 5 introduces another fundamental concept of calculus, the integral, and its connection with the definition of area. Chapter 6 covers various applications of integration and Chapter 7 covers the logarithmic and exponential functions.

Tests, Quizzes:
There will be 3 (in-class) tests and a cumulative (common) final exam (Saturday, December 16, 2017, 11:30 – 13:30). There will be also 6-7 quizzes. Two lowest quizzes’ scores will be dropped.
A student must take the final exam to get a semester grade above a WU/F.
No electronic devices or cheat-sheets will be allowed during the tests, quizzes, or the final exam.

Homeworks:
There will be online homeworks. Additionally, I will be also providing additional practice problems at http://www.csun.edu/~hcmth008.

Make-up Policies: No make-ups without doctor’s excuse. Late homeworks will not be accepted. There will be no make-ups for quizzes.

Grading Scheme:
10% – homeworks
15% – quizzes
45% – 3 tests
30% – cumulative final exam
In some cases, I may use the ± system when assigning the final grade.

Academic Dishonesty: This is covered in Appendix C of the CSUN catalog. Academic dishonesty will always be reported to the Office of Student Affairs. According to the CSUN policy, a grade that is sanctioned due to academic dishonesty cannot be replaced by subsequent course grades.

Suggestions: It is my recommendation that in order to do well in this class, a student should devote, in addition to attending lectures, at least 8-12 hours per week on studying, homeworks, and solving problems assigned during classroom sessions.

Important Note!
All electronic devices must be turned off during the tests, quizzes, and the final exam.