Math 150 — Calculus I   **Section 4191-1**

Professor Tim Busken   **Mon.—Fri.,   Period 6**

Email Address: Tim.Busken@gcccd.edu   **Room 604**

Course Home Page: timbusken.com/html_pages/Math-150/homepage.html

Office Hours: Monday through Friday during your lunch hour in Room 604.

Textbook: (Recommended) "Single Variable Calculus: Early Transcendentals," Stewart 6th or 7th ed. We will use Dr. Sharon Hughes' Lecture Notes (Required), available on your course website.

Final Exam Date: TBD

Prerequisite: A "C" grade or better in MATH 141 or equivalent.

Course Description: This course is a primary introduction to university-level calculus. The topics of study include analytic geometry, limits, differentiation and integration of algebraic and transcendental functions. Emphasis is placed on calculus applications. Analytical reading and problem solving are required for success in this course. This course is intended for the transfer student planning to major in mathematics, computer science, physics, chemistry, engineering, or economics.

Student Learning Outcomes: 1) Apply appropriate mathematical definitions, properties, and techniques to a variety of problem solving situations, and recognize an appropriate solution as opposed to an unreasonable or extraneous one. 2) Demonstrate knowledge of the interrelatedness of the concepts within a particular course and/or among different courses. 3) Demonstrate the ability to communicate mathematical reasoning in the context of solving a problem with clarity and detail. 4) Choose and apply appropriate tools and technology to various problems.

Attendance Policy: Attendance is required and you are responsible for all material covered in class. If you miss a class, contact a fellow student or consult the course webpage to find out what was covered. Also: Students who remain enrolled in a class beyond the published withdrawal deadline, as stated in the class schedule, will receive an evaluative letter grade in this class. It is the students responsibility to add, drop or withdraw from classes which s/he is no longer attending before the deadlines stated in this syllabus. It is at the instructor's discretion to withdraw a student after the add/drop deadline due to excessive absences. Plans to withdraw from the course should be discussed with your instructor.

Behavior: Students are expected to respect and obey standards of student conduct while in class and on the campus. Students should be familiar with the college's "Student Discipline Procedures." If you exhibit deliberate behavior that prohibits or impedes any member of the class from pursuing any class assignment, objective or learning opportunity within the classroom, you will be dismissed from class that day and a report will be filed with the appropriate dean and principal. This includes but is not limited to: disruptive talk or behavior, cheating, plagarism, regular tardiness, profanity, alcohol or drugs and **cell phones**.

Homework: Homework will be collected daily it must be stapled and ready to turn in when you come to class. All homework assignments must be stapled, legible, without frayed edges, completed in pencil and have answers clearly labeled. No late homework will be accepted, even if you are absent. Homework sets will be graded for completeness. You will have a daily homework quiz, lasting 5 minutes at the beginning of each class after a short question and answer session for the previous nights homework. To do well on the homework quizzes you need to have completed the previous nights homework. Homework quizzes will be graded for accuracy. Being absent on the day of a homework quiz will result in a zero; you should attempt

every homework quiz, even if you were not there for the lecture. The lowest six homework/homework quiz grades will be dropped.

Quizzes: Quizzes will reflect the homework assignments. The lowest two quiz grades will be dropped. If you are absent on the day of a quiz, you will receive a zero.

Worksheets: You will have worksheets on a fairly regular, if not weekly basis. You will have time to start them and ask questions about them in class. They should be completed on the paper provided. Work should be legible, completed in pencil and answers should be clearly labeled. If you are absent the day a worksheet is handed out, you are responsible for obtaining a copy from the instructor. **Worksheets will be collected intermittently and can be graded for either completeness or accuracy. If you are absent the day a worksheet is collected it must be turned in the day you return, otherwise you will receive a zero.**

Exams: Four tests will be given throughout the semester. **No make-up tests will be given** unless there are extreme and verifiable circumstances; should such a case arise, you must contact me before the exam begins.

Academic Integrity: Cheating, plagiarism and other forms of academic dishonesty will not be tolerated. Students are expected to be honest and ethical at all times in their pursuit of academic goals. Students who are found in violation of district Procedure 3100.3, Honest Academic Conduct, will receive a zero on the assignment, quiz or exam in question and may be referred for disciplinary action in accordance with Procedure 3100.2, Student Disciplinary Procedures.

Academic Accomodation: Students that have any disability, either permanent or temporary, which might affect their ability to perform in this class should contact me as soon as possible so that I can adapt methods, materials or tests as needed to provide for equitable participation.

Calculator: A graphing calculator is required for this class. Note: TI-89s are not allowed. Calculators may not be shared between students on exams and quizzes. You may not borrow the instructors calculator for an exam or quiz.

Important Dates: To withdraw without a W, the deadline is Sep. 28th. Last day to withdraw from the course is Nov. 29th.

Questions: Problems with residency or registration should be resolved with Alma Godinez at Mesa College: algodine@sdccd.edu, Room MV 12, 7250 Mesa College Drive, San Diego, 92111.

Evaluation: This course will be graded as follows:

Quizzes	12%
HW/HW Quizzes/WS	13%
4 exams	60%
Final	15%