Faculty Name:	
Course Information:	CALCULUS I: MAT 170
Course Section, Term and Year:	
Course Meeting Times & Location:	

Contact:

Phone Number:	
Office Location:	
Email address:	
Enter days/time you are available to meet with students.	

Netiquette

Respect the diversity of opinions among the instructor and classmates and engage with them in a courteous, respectful, and professional manner. All posts and classroom communication must be conducted in accordance with the student code of conduct. Think before you push the Send button. Did you say just what you meant? How will the person on the other end interpret the words?

Communication:

Faculty Communication with Students:

Discuss how faculty will contact students.

Course Description:

MAT 170 Calculus I   **4-0-4**

The first semester of a multi-semester sequence of differential and integral calculus. Topics include limits, derivatives and applications, introduction to Riemann sums and integration.
Appropriate for math majors and students in partner disciplines requiring understanding of fundamental principles of calculus, with emphasis on deductive reasoning and proof. *Prerequisite: Grade of "C" or above in MAT 140 or high school Pre-Calculus, placement by academic advisor, or permission of Instructor. General Education: M.*

Course Learning Outcomes:

Students will be able to:
- Evaluate limits.
- Differentiate functions, including transcendental functions.
- Use the derivative to solve graphing problems.
- Use the derivative to solve optimization or related rates of change problems.
- Integrate basic functions, including transcendental functions.

General Education Learning Outcomes:

Students will demonstrate mathematical skills and quantitative reasoning including the ability to
- interpret and draw inferences from mathematical models such as formulas, graphs, tables and schematics;
- represent mathematical information symbolically, visually, numerically or verbally as appropriate; and
- employ quantitative methods such as, arithmetic, algebra, geometry, or statistics to solve problems.

Program Learning Outcomes:

n/a

Course Resources:

Textbook:	Enter title, edition, author, ISBN for required text.
Materials:	Enter all additional required materials and tools needed to complete course here.
Access:	List access codes needed for websites or other software. .

Course Policies:
Click here to describe how students will participate in your class. Include policies regarding missed exams, makeup exams, extra credit assignments, late assignments, missed assignments, etc.

Course Delivery:
Course Content:

Lecture Format:

Student Expectations specific to this course:

Course Outline and Schedule

Grading Method:
Click here to enter a clear explanation of how students will be evaluated, including a description of course assessments and a statement of the assessment process and measurements. Include weight/percentages for quizzes, exams, papers, projects, homework, attendance, participation, etc.

Grading Scale:

Letter	Grade Range
A	Enter range for A.
A-	Enter range for A-.
B+	Enter range for B+
B	Enter range for B.
B-	Enter range for B-
C+	Enter range for C+.
C	Enter range for C.
D	Enter range for D.
F	Enter range for F.

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