Math 100 - Fall 2017
Foundations for Calculus
TR 8:30am-10:00am, Cupples II, Room L001

Instructor: Cody Stockdale
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Office: Cupples I, Room 213
Office Hours: To be determined

Course Description: This course aims to build both the technical skills and the conceptual understanding needed to succeed in calculus. It also gives previews of some selected topics from calculus. The course will emphasize links between the graphical, numerical, and algebraic viewpoints.

Topics: The course covers selections from the following topics: equations, inequalities, graphing, functions, polynomial functions, rational functions, exponential functions, logarithmic functions, trigonometry, sequences, series, limits, introduction to derivatives and integrals.

Prerequisites: High school algebra and geometry.

Text: *Precalculus*, 2nd Edition by John W. Coburn

Grade Distribution:

Homework	30%
Quizzes	20%
Midterm Exams	30%
Final Exam	20%

Letter Grade Distribution: (Total percentage followed by lowest possible grade)

≥ 93	A	73 - 77	C
90 - 93	A-	70 - 73	C-
87 - 90	B+	67 - 70	D+
83 - 87	B	63 - 67	D
80 - 83	B-	60 - 63	D-
77 - 80	C+	≤ 59	F

Calculators: No scientific or graphing calculators are allowed for any part of this course. You may only use a basic calculator to perform basic simplifications (addition, subtraction, multiplication, division, square roots, etc.).

Homework: Homework assignments will be posted on the Assignments section of the Blackboard course homepage and will be *due at the beginning of class.* There will be homework due nearly every class period. Exercises will be assigned from the textbook. Solutions are to be written up neatly and in full detail in order to obtain full credit. The lowest two homework grades will be dropped.

Quizzes: There will be short quizzes taking place at the end of class on certain Thursdays throughout the semester. Quiz dates are listed on the Course Calendar section of the Blackboard course homepage. Quizzes will include material covered from the beginning of the semester up to and including the Tuesday of the week of the quiz. The lowest quiz score will be dropped.

Exams: There will be three midterm exams each worth 10% of the final grade. The exams will take place on 9/21, 10/26, and 11/30. The full class period will be allowed for these exams. There will be one final exam worth 20% of the final grade on 12/15 from 1:00pm until 3:00pm. The final exam will include material covered throughout the entire semester.

Attendance: Students are expected to attend each class. It is the absentee's responsibility to get all missing notes and materials. The absentee must give 24 hour notice to the instructor if a quiz, exam, or homework submission will be missed.