Instructor: Dr. Cory Johnson (Previte)  Office: JB 322
   Email: CPrevite@csusb.edu  Phone: (909) 387-5423

Lectures: Tues/Thurs 2:00 – 3:50 pm in JB 387

Office Hours: Tues/Thurs 9:30 – 11am
   Tuesday 4 – 5 pm
   Or by appointment


Prerequisites: Satisfactory score on Entry Level Mathematics exam or passage of Math 120

Content: In this course, we will learn about limits and continuity, differentiation of functions in one variable (including trigonometric functions) and anti-derivatives with applications. This corresponds to chapters 1-3 and section 4.1 in the textbook.

Student Learning Outcomes (SLOs): Upon successful completion of this course:

1.2 Students will make connections between mathematical ideas verbally, numerically, analytically, visually, and graphically
2.1 Students will correctly apply mathematical theorems, properties and definitions
2.2 Students will calculate efficiently, flexibly, and with appropriate accuracy
3.3 Students will explain and justify solutions using a variety of representations
3.5 Students will be able to evaluate reasonableness of proposed results using estimation and context
4.1 Students will demonstrate mathematical communication skills using appropriate mathematical vocabulary and references

A complete list of SLOs and department student learning goals can be found at http://www.math.csusb.edu/BA_SLO_2013.html
Class Activities: Class will consist of lectures, small group activities, discussions, and use of an online voting system. The best way to prepare for class is to complete suggested homework problems and to skim the section(s) which will be covered that day. You are expected to participate in all class activities.

Homework: Homework will be assigned and discussed in class, but NOT graded. It is in your best interest to work through the homework problems since this is a good way to identify questions you may have about the material. Homework problems will show up on the quizzes.

Quizzes: There will be a total of 7 quizzes throughout the term to check your understanding of the material. Your highest 5 quiz scores will determine your quiz grade. The purpose of dropping two quiz scores is to compensate for any unforeseen circumstances such as illness, family emergencies, etc. NO MAKEUP QUIZZES WILL BE GIVEN. Quiz questions will come from homework problems and problems discussed in lectures.

Writing Assignment: There will be a short writing assignment due the last day of class, December 4. Possible topics include a biography of Newton or Leibniz, or a brief history of the development of Calculus. Details will be given in class. See section on Plagiarism and Cheating.

Exams: There will be two midterms and a final exam. The first midterm will be on Thursday, October 16. The second midterm will be on Thursday, November 13. The comprehensive final will be given on THURSDAY, DECEMBER 11 at 2pm. The final exam score will replace your lowest midterm score if it is to your advantage. NO MAKEUP EXAMS WILL BE GIVEN.

Calculators: Calculators may be used on quizzes and exams, but are not required. Any device with communication capabilities (such as a cell phone, ipod, etc.) is strictly forbidden. Use of such a device will result in a score of 0 and will be treated as cheating incident. Please see me if you have a question about your calculator.

Grading Policy: Course work will be weighted as follows:
   Writing Assignment: 2%
   Quizzes: 28%
   Two Midterms: 40%
   Final Exam: 30%
Grading Scale:

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**Administrative Drop:** Students who fail to attend TWO consecutive class meetings in the first three weeks of the quarter will be dropped. Please review the add/drop policy in the CSUSB Bulletin.

**Students with Disabilities:** If you are in need of an accommodation for a disability in order to participate in this class, please see the instructor and contact Services to Students with Disabilities at (909)537-5238.

**Plagiarism and Cheating:** Students are expected to be familiar with the University’s Policy on cheating and plagiarism. Please review the CSUSB Bulletin. Instances of academic dishonesty WILL NOT be tolerated. Cheating on exams or plagiarism (presenting the work of another as your own, or the use of another person’s ideas without giving proper credit) will result in a failing grade and sanctions by the University. For this class, all assignments are to be completed by the individual student unless otherwise specified.

**Important Dates:**

- October 15 – Last day to drop class without record
- October 16 – Midterm 1
- November 11 – Veteran’s Day – No Class
- November 13 – Midterm 2
- December 4 – Writing Assignment Due
- December 11 – Final Exam