Course and Instructor Information

Instructor: Dr. Cory Johnson
Office: JB 322
Email: cprevite@csusb.edu
Phone: (909) 537-5423
Office Hours: Tues and Thurs 2:30 – 4pm, Wed 1 – 2pm, or by appointment
Class Days/Time: Tuesday, Thursday 12:00 – 1:50pm
Classroom: JB 387
Prerequisites: Math 213; or Math 211, 262, and 272

Course Description

In this course, we will learn about permutations and combinations, generating functions, and recurrence relations with applications from chapters 5 – 7 and topics in graph theory from chapters 1 – 3 (as time permits).

Student Learning Outcomes (SLOs)

Upon successful completion of this course:

1.3 Students will achieve proficiency in modeling with mathematics

3.4 Students will be able to reflect on and learn from previous problems

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 on the Math Department webpage: [http://www.math.csusb.edu/BA_SLO_2013.html](http://www.math.csusb.edu/BA_SLO_2013.html)

Class Activities

Class will consist of lectures and small group activities. You are expected to actively participate in every class. This includes putting away your cell phone and materials unrelated to the course. The best way to prepare for class is to complete homework and to skim the sections from the textbook that will be covered that day.
Homework
Homework problems will be assigned from the textbook and will be collected in class on Thursdays. Homework should be written neatly and stapled. LATE HOMEWORK WILL NOT BE ACCEPTED. You will have the opportunity to make one round of corrections on each homework assignment in order to earn back half of the points. Corrections will be due one class after homework is handed back. Students found to have plagiarized solutions will earn a score of 0. Please see section on Plagiarism and Cheating.

Quizzes
There will be a total of 7 quizzes throughout the quarter. 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 and family emergencies, as well as scheduled absences. NO MAKEUP QUIZZES WILL BE GIVEN. Quiz questions will come from homework problems and examples from lecture.

Exams
There will be one midterm exam and a final exam. The midterm will be on Thursday, May 14. The comprehensive final exam will be given on Tuesday, June 16 at 12 pm. NO MAKEUP EXAMS WILL BE GIVEN.

Grading Policy
Course work will be weighted as follows:

Homework: 20%        Quizzes: 25%
Midterm: 25%          Final Exam: 30%

Grading Scale:
93 – 100%   A  
90 – 92%    A- 
86 – 89%    B+ 
80 – 85%    B
75 – 79%    B-
70 – 74%    C+
65 – 69%    C
60 – 64%    C-
50 – 59%    D
0 – 49%     F

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 to 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.

If you require assistance in the event of an emergency, you are advised to establish a buddy system with a buddy and an alternate buddy in the class. Individuals with disabilities should prepare for an emergency ahead of time by instructing a classmate and the instructor.
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
Friday, April 24 – Census. Last day to drop the course via MyCoyote
Thursday, May 14 – Midterm Exam
Monday, May 25 – Memorial Day, Campus Closed
Tuesday, June 16 – Final Exam