

Math 610, Spring 2007

Course Syllabus, Call # 21913

Title:	Intro to Homology and Cohomology
Text:	No text, although I plan to cover selected sections from <i>Topology and Geometry</i> , by Bredon.
Classroom:	JB 387
Meeting time:	6-7:50 PM, Mondays and Wednesdays
Instructor:	Dr. Corey Dunn
Dr. Dunn's Office:	JB 322
Dr. Dunn's E-mail:	cmdunn "at" csusb.edu
Dr. Dunn's Phone:	(909) 537-5368
Final Exam Date:	No final exam.
Exam Dates:	There will be no quizzes or tests, see below.
Other Important Dates:	April 8th, it's my birthday! May 28th, Memorial Day. NO CLASSES!
Office Hours:	3:30-5:30 Tuesdays and Thursdays or by appointment. This is a graduate course, my office hours for you are whenever I'm in my office and have time.

General Information

- Information on Grading:** The grading and requirements for this course will be discussed in class, but a breakdown is below:

Homework:	50 %
In-class presentation	25 %
One careful write-up	25 %
- Homework.** There will be homework assignments that I will prepare for you throughout the course, certainly no more than one assignment per week. Homework will be worth the most as far as your grade is concerned, and I expect the solutions that you turn in to be well written, and of high quality.
- In-class presentation.** You will be required to give a 10-20 minute presentation sometime during the class about a topic that is approved by me. Details on this in class.
- One careful write-up.** Out of your homework assignments, I will designate some of them as different by a \star . As the class goes on, there will be many theorems which I may also give this distinction. Any one of these starred items you may choose. What is expected is that you carefully type up the problem or theorem with proof. Above all, it must be correct. I also place very high standards on clarity—your exposition must make sense and be clear. Also I expect that for whatever item you choose to type up, that you provide a clear background that gives anyone reading this enough to see what you're proving. I

suggest that you discuss your ideas with me before getting started just so you know what I expect for your choice.

5. **Other information.** There is a course website which will be easy to find from the CSUSB math homepage (just look for my name on the faculty list). The homework assignments will be posted there, along with any other announcements. The grading scheme is flexible, but not that much. If you are concerned, please speak with me.
6. **Disabilities.** If you are in need of an accommodation for a disability in order to participate in this class, please let me know ASAP and also contact Services to Students with Disabilities at UH-183, (909)537-5238.
7. I think this will be a FUN class! I can't wait to show you all this beautiful field of mathematics!

ROCK ON!!!