Instructor
Robert Diaz

Office Hours
11:00 a.m.–12:00 p.m. Tuesdays & Thursdays, or by appointment at FOB 129

Web page, Email, and Phone
- http://www.csun.edu/~rd39820
- robert.diaz@csun.edu
- 818.677.2326

Course Information
This course introduces students to some of the more beautiful and exciting topics in mathematics. It includes introductions to the theory of numbers, trigonometry, group theory, mathematical symmetry, 3D geometry and the history of mathematics. Parts of Dr. Foster's Symmetry videos may be shown. This course satisfies the goals prescribed in General Education Section A.3, page 39 of the 2004-2005 edition of the CSUN catalog. A hands-on approach to mathematics is emphasized.

Required Textbook
A Mathematical Hodgepodge (Volumes I and II are bound together) with a supplementary set of handouts included, Dr. L. L. Foster (available at Northridge Stationery and Copy Center at Reseda and Nordhoff, between Golds Gym and Ross).

Other Supplies
1. An inexpensive scientific calculator that carries two internal digits and has ten displayed digits (Nothing above a TI-86 calculator is allowed.)

2. Colored pens or pencils.

3. Model building supplies.
   (a) Card stock paper.
   (b) An Exacto knife.
   (c) A scorer (such as a long metal letter opener).
   (d) A large box (such as a large tennis shoe box or plastic equivalent).
   (e) A small metal ruler and rubber cement for building models.

4. A small rectangular mirror. Index cards and a stapler are strongly recommended.
Homework and Testing
Homework will not be collected. Solutions will be provided in class. There will be two midterm exams and possibly some unannounced quizzes. The final exam will be Thursday May 26, 8:00–10:00 a.m. No tests are cumulative, including the final. There will be polyhedra-construction assignments. All points from quizzes, tests, polyhedra and the final exam, etc., go into the same “pot.” Where appropriate, you must show work in order to receive credit for test and quiz problems. You are allowed one page of notes (two sides not xeroxed) for each test, plus the two flowcharts in Chapter 2, Volume II (for the final exam).

Academic Dishonesty
Cheating will be dealt with as prescribed by the current CSUCI catalog.

Basis of Grading
Grades will be distributed as follows: 81-100% = A; 61-80% = B; 51-60% = C; 41-50% = D; 0-40% = F. Attendance will be 15% of your grade. I may also use +/- grades.

Students with Disabilities and Student Athletes
Students with disabilities who need academic accommodations should follow these steps:

1. Register and provide documentation to the Student Disability Resource Center (SDR).
   - 1.818.677.2684
   - sdr@csun.edu
   - http://www.csun.edu/cod/sdr/index.htm

2. Obtain a statement from the SDR, located at SB110, indicating that you have registered with them and present it to me well before the first exam.

3. Introduce yourself to me.

If you are a student athlete, it is your responsibility to make necessary arrangements in advance.

Class Conduct
There should be no talking during the class discussion. Any student who persists in this will be asked to leave the class. Punctuality is expected. Arriving late is distracting to other students. On the rare occasion that you arrive late to class, enter the room quietly and find the seat nearest the door. Have cellular phones, pagers, music players deactivated at all times. Please treat all of your colleagues with dignity and respect at all times. If you have any other questions or concerns please inquire.

Final Note
This syllabus is subject to further change as the semester progresses.