

**MATH 052: FUNDAMENTALS OF MATHEMATICS  
FALL 2011**

JOHN VOIGHT

COURSE INFO

- **Lectures:** Monday, Wednesday, Friday, 10:40 a.m.–11:30 a.m.
- **Dates:** 29 August 2011–7 December 2011
- **Room:** Rowell 118
- **Course Record Number (CRN):** 90863
  
- **Instructor:** John Voight
- **Office:** 16 Colchester Ave, Room 207C
- **Phone:** (802) 656-2271
- **E-mail:** [jvoight@gmail.com](mailto:jvoight@gmail.com)
- **Instructor's Office Hours:** Mondays, 2:30–4:30 p.m.; Wednesdays, 9:00–10:00 a.m.; or just make an appointment!
- **Course Web Page:** <http://www.cems.uvm.edu/~voight/52/>
- **Instructor's Web Page:** <http://www.cems.uvm.edu/~voight/>
  
- **Prerequisites:** Math 21 (corequisite).
- **Required Text:** Larry Gerstein, *Introduction to Mathematical Structures and Proofs*, corrected edition, 1996.
- **Grading:** Homework will count for 40% of the grade. Class participation and preparedness will count for 10% of the grade. There will be two 50-minute exams that will each count for 10% of the grade and one comprehensive final exam that will count for 30% of the grade.

HOMEWORK

Typically, homework will be assigned each class and is due the next class. It will be collected approximately once a week and late homework will not be accepted. The homework assignments are posted on the course webpage.

We will go over homework in class, and after this discussion it will be collected. You may take notes during this discussion but only if you use a red pen.

Be sure to show your work and explain how you got your answer. Correct but incomplete answers will only receive partial credit. Part of the beauty of mathematics is in the elegance of its proofs, and one goal of this course is for you to learn to write mathematics excellently.

Cooperation on homework is permitted (and encouraged), but if you work together, do not take any paper away with you—in other words, you can share your thoughts (say on a blackboard), but you have to walk away with only your understanding. In particular, write the solution up on your own.

Plagiarism, collusion, or other violations of the Code of Academic Integrity  
(see <http://www.uvm.edu/policies/student/acadintegrity.pdf>)  
will be referred to the The Center for Student Ethics and Standards.

#### CLASS PARTICIPATION AND PREPAREDNESS

You are expected to read the section before we cover it in class. Come with good questions! Your participation and preparedness in class is essential for your success and will be assessed accordingly.

You must come to my office at least once during the semester (such as during office hours).

#### EXAMS

Outside of exceptional circumstances, make-up exams will not be given. Please mark the dates of exams (below) in your calendar.

#### ACCOMMODATION

Appropriate and fair accommodations will be provided for students with documented special needs; please contact the ACCESS office (<http://www.uvm.edu/~access/>) directly and early in the semester.

Students have the right to practice the religion of their choice. Each semester students should submit in writing by the end of the second full week of classes their documented religious holiday schedule for the semester.