

Fundamentals of Math II

Math 806 BS
Daily 10:10 - 11:00
Website: <http://www.smccd.net/accounts/hough/index.html>

Instructor: Rick Hough
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Main Idea: The main theme of the course is the idea that reasoning with fractions is the same as working with decimals, percents, ratios, rates and unit conversion. Only the notation and vocabulary used is different. The emphasis will be on understanding and applying these ideas.

Materials: *Basic College Mathematics*, by K. Elayn Martin-Gay, Second Edition. We will cover chapters various parts of the book between chapters 2 and 9.

Office: My office is in building 2, room 2307. It is on the same floor as the cafeteria. My office hours will be Daily 9:10 - 10:00 and TTh 12:40 - 1:20.

Attendance: Attendance on time is expected and required. If you know you will be absent, tell me before hand and get the assignment or call one of your classmates. Falling behind in a math class just doesn't work. Irregular attendance is grounds for being dropped.

Homework: The only way to learn math is to practice doing problems correctly after you have figured out how to do them. The tentative homework assignment sheet gives the problems you will work for homework. Each assignment is due the class after we finish that section. I will try to let you know when we finish a section and so the homework is due next time, but sometimes I am so excited to start a new section, that I forget. It is up to you to follow along well enough so that you realize that we have finished a section! If you turn in homework late, you will receive half of the points for it. Often, just doing the assigned homework is not enough practice to prepare for exams. If you need to, please feel free to work more problems! The homework counts for 10% of your grade in the class.

Quizzes: Some days when homework is due, I will start the class with a short "pop" quiz. These will be unannounced, and will be a problem straight out of the homework. Some days we will have a "group" quiz in which you will work together with three other classmates. There will be no make-up quizzes. Quizzes count for 10% of your grade in the class.

Participation: Each day that you are in class and participating, you will get 10 participation points. If you are late by more than 5 minutes, your points for the day go down to 5. Some days you will get a chance to earn extra participation points. Participation counts for 5% of your grade in the class.

Exams: There will be approximately 4 exams. You are allowed to bring in one 3 inch by 5 inch note card to each exam. There will be no make-up exams, but your lowest score will be worth half as much as each of your higher exams. Exams will count for 55% of your grade in the class.

Final: The final exam will be given on Monday, Dec 12 from 8:10 - 10:40 and will be held in our classroom. The final is cumulative and will count for 20% of your grade.

Grading: All letter grades will be determined by the following standard grading curve:

grade \geq 90.0%	A
80.0% \leq grade $<$ 90.0%	B
70.0% \leq grade $<$ 80.0%	C
60.0% \leq grade $<$ 70.0%	D
grade $<$ 60.0%	F