BASIC INFORMATION

Class
• Mon. 10:10-11:30
• Wed. 10:10-11:30
• Hegeman 308

Instructor
• Ethan Bloch
  • bloch@bard.edu
  • Albee 317
  • 758-7266

Office hours
• Mon. 4:40-5:40
• Tue. 11:00-12:00, 4:40-5:40
• Thur. 2:30-4:00

Text

Website
• http://math.bard.edu/bloch/math142A.shtml (includes updated list of assignments, study sheets for quizzes and exams, etc.)

WORK FOR THE COURSE

Attendance
• It is expected that students attend all classes. Bring the text to each class.

Homework
• Homework will be assigned at the end of every class. Turn in the homework at the start of the next class. Late assignments will not be accepted, except in emergency situations.

• You are encouraged to work with other students in solving the homework problems. However, for the sake of better learning, as well as honesty, please adhere to the following guidelines:
  ‣ Write up your solutions yourself.
  ‣ Acknowledge in writing anyone with whom you work and any assistance you receive.

• Your solutions should be written clearly and carefully, as described below.

Quizzes and Exams
• All quizzes and exams will be in-class, closed book.
  ‣ Quiz #1: Mon., Sept. 16
  ‣ Quiz #2: Mon., Sept. 30
  ‣ Midterm Exam: Mon., Oct. 21
  ‣ Quiz #3: Wed., Nov. 6
  ‣ Quiz #4: Mon., Nov. 25
  ‣ Final Exam: Wed., Dec. 18
WHAT IS MATH 142

• This course is the second semester of Bard’s calculus sequence. It assumes that the student is familiar with introductory calculus of one variable at the level of Calculus I (Math 141), that is, basic differentiation and integration, through u-substitution. This course continues the study of integration begun in Calculus I, and introduces derivatives and integrals for functions of several variables. Topics covered include techniques of integration, l'Hopital’s rule, improper integrals, applications of integration, functions of several variables, partial derivatives, multiple integrals. Please talk to the instructor if you are unsure whether this is the appropriate course for you.

OFFICE HOURS

• If you have any problems with the course, or any questions about the material, the assignments, the quizzes and exams or anything else, please see the instructor about it as soon as possible. If you cannot make any of the scheduled office hours, make an appointment for some other time. To make an appointment, or to ask any questions, please talk to the instructor after class, or send him an email message, or just stop by his office.

COMPUTERS & CALCULATORS

• For most of the course, pencil and paper will suffice. A scientific calculator (which has trigonometric, exponential and logarithmic functions) will be needed for some problems. Free scientific calculator apps are available for smart phones and tablets. Programmable and/or graphing calculators are not required.

• Laptop computers may not be used during class.

RESOURCES

Mathematics Study Room

• The Mathematics Study Room is open Sunday--Thursday, 7pm–10pm, in RKC 111.

• The Mathematics Study Room is staffed by undergraduate mathematics majors who are available to answer your questions. You can go to the study room to work on your homework, and then ask for help when you get stuck.

Tutors

• For additional help beyond office hours and the Mathematics Study Room, you can request to meet with a tutor. Contact Maria Belk at Bard Academic Resources Center for information.

GRADING

• Grades will be determined primarily by the quizzes and exams, though assignments and class participation will be taken into account, especially in cases of borderline grades. Grades will be determined by work completed during the semester, except in cases of medical or personal emergency.
WRITING HOMEWORK

• Everyone makes honest mathematical mistakes, but there is no reason to get in your own way by writing your homework carelessly. Mathematics must be written carefully, and legibly, no differently from any other writing.

• Please adhere to the following guidelines when writing homework assignments:

  › Write your homework assignments neatly and clearly.
  › Distinguish between scratch work and the final draft. Expect to do scratch work on separate paper prior to writing the final draft.
  › Your final draft should stand on its own; check your solutions by reading them as if they were written by someone else.
  › For each problem, write every step of your calculation, and do so in a logical order from beginning to end. Numerical answers without justification, or equations on the page in random order, are not be acceptable for the final draft.
  › Use verbal explanations whenever needed. Formulas and calculations are not always sufficient.
  › Be very careful with “=” signs. You must write “=” between things that are equal, and not write “=” between things that are not equal.

• Please see the instructor if you have questions about writing -- or doing -- the homework assignments. If you are not sure if you have written a homework assignment properly, bring a draft with you to office hours for discussion.