

Math 0230: Analytic Geometry and Calculus 2

Student Guidelines and Syllabus

About the Course

This is the second in a sequence of three calculus courses for science and engineering students. The goal is to prepare you to make use of calculus as a practical problem-solving tool.

Course Prerequisites

Math 0220 or equivalent with a grade of C or better.

Textbook

The textbook for this course is *Essential Calculus, Early Transcendentals*, 2nd Edition by James Stewart. All students who register for this course are automatically enrolled in the [RedShelf Inclusive Access program](#) and will be charged on their Pitt student bill unless they opt out before the end of the add/drop period. This program provides students with discounted access to the digital version of the textbook and the publisher's WebAssign content, but only the textbook itself will be required. If you already have a copy of the textbook or would prefer to purchase it from a different source (for example, you may be able to find a used copy of the first or second edition at a lower cost), then you should opt out of Inclusive Access. You will be able to opt out by clicking on the "RedShelf Inclusive Access" link in your course on Canvas. You may also consult these [additional instructions for opting out](#). If you do not opt out of Inclusive Access, then you will be able to access the digital textbook through a link provided by your instructor in Canvas.

Departmental Final Exam

All students enrolled in daytime sections (sections with lectures starting before 6 PM) **must** take a departmental final exam on the date and time scheduled by the registrar: **Friday, December 12 from 8:00 - 9:50 AM**. Locations will be announced by the registrar at a later date and will be found on PeopleSoft. **All students must take the final exam on the date and time scheduled by the registrar.** Make-up final exams will not be given unless there are exceptional circumstances. Calculators will not be permitted.

Evening sections will meet through final exam week, and the final exam will be given during the last one or two scheduled class periods. Your instructor will provide more details regarding your section.

Midterm Exams

Two midterm exams will be administered in class on the dates indicated in the course schedule for all daytime sections.

Quizzes

Quizzes will periodically be given. Your instructor will provide you with more details regarding format and assessment.

Labs and Online Homework

One session each week will meet in the Scientific Computing Lab in Posvar Hall (WWPH 1200A). This session may be used to work on and get help with the graded online homework found on the LON-CAPA system or other problem sets that may be provided. Your TA will be available to help if you get stuck, but you are expected to solve the problems yourself. You may not complete all of your work during the scheduled lab sessions, in which case you are expected to complete it on your own outside of class.

Read the [LON-CAPA Instructions for Students](#) to learn how to log into LON-CAPA, how to correctly set your math display settings, and how to begin completing your assigned problem sets. You will be able to work on your LON-CAPA problems from any computer with an internet connection and standard web browser. However, Pitt IT requires you to be connected via [Global Protect](#) if you are not on Pittnet. Your TAs will also go over this information during the first lab meeting.

Recitations

In addition to the weekly lab meetings, you will meet once each week with your TA in a classroom to go over problems related to the material covered the previous week. Quizzes may also be administered during the recitation.

Textbook Practice Problems

The course schedule includes a list of practice problems from the textbook associated with each topic. You are expected to solve these problems, although they may not be collected or graded. Exam and quiz problems will often be modeled on these problems.

Grades

Your course grade will be determined as follows:

- | | |
|------------------------|----------------|
| • Two midterm exams | 50% (25% each) |
| • Final exam | 30% |
| • LON-CAPA assignments | 10% |
| • Quizzes | 10% |

Suggested grading scale: A/A± 90-100%, B/B± 80-90%, C/C± 70-80%, D/D± 60-70%, F <60%.

Some sections may deviate slightly from this recipe. Any deviations will be announced by your instructor at the beginning of the term.

Calculators

Though calculators are not permitted on exams, a scientific calculator is recommended for other aspects of the course.

Computer Accounts

As a University of Pittsburgh student, you should already have a Pitt computer account. You will need to know your username and password to access the computer resources on a lab computer. You are also expected to regularly check your Pitt email account and your instructor's Canvas course as course materials and information will often be distributed through these channels.

Getting Help

Tutoring

The Math Assistance Center (MAC) offers free tutoring by appointment, including same-day appointments for those who need immediate assistance. Appointments can be made within Pathways. The MAC offers assistance with all courses in the math department in the range 0010-0413, 1180, and 1270. Please see the [MAC website](#) for instructions on how appointments are made as well as an outline of what you can expect.

Office Hours

Your instructor and TA will announce their office hours at the beginning of the semester, which may be held virtually or in person.

Disability Resources and Services

If you have a disability for which you are or may be requesting an accommodation, you are encouraged to contact both your instructor and [Disability Resources and Services](#) (DRS), 140 William Pitt Union (412) 648-7890, drerecp@pitt.edu, (412) 228-5347 for P3 ASL users, as early as possible in the term. DRS will verify your disability and determine reasonable accommodations for this course.

Course Policies

Academic Integrity

Students in this course will be expected to comply with the [University of Pittsburgh's Policy on Academic Integrity](#) and the [Dietrich School of Arts and Sciences' Academic Integrity Code](#). Any student suspected of violating this obligation for any reason during the semester will be required to participate in the procedural process, initiated at the instructor level, as outlined in the University Guidelines on Academic Integrity. This may include, but is not limited to, the confiscation of the examination of any individual suspected of violating University Policy. Furthermore, no student may bring any unauthorized materials to an exam, including dictionaries and programmable calculators.

To learn more about Academic Integrity, visit the [Academic Integrity Guide](#) for an overview of the topic. For hands-on practice, complete the [Academic Integrity Modules](#).

Civil Rights and Title IX

The University of Pittsburgh does not tolerate any form of discrimination, harassment, or retaliation based on disability, race, color, religion, national origin, ancestry, genetic information, marital status, familial status, sex, age, sexual orientation, veteran status or gender identity or other factors as stated in the University's Title IX policy. The University is committed to taking prompt action to end a hostile environment that interferes with the University's mission. For more information about policies, procedures, and practices, visit the [Civil Rights & Title IX Compliance web page](#).

We ask that everyone in the class strive to help ensure that other members of this class can learn in a supportive and respectful environment. If there are instances of the aforementioned issues, please contact the Title IX Coordinator, by calling 412-648-7860, or emailing titleixcoordinator@pitt.edu. Reports can also be [filed online](#). You may also choose to report this to a faculty/staff member; they

are required to communicate this to the University's Office of Institutional Engagement and Wellbeing. If you wish to maintain complete confidentiality, you may also contact the University Counseling Center (412-648-7930).

Classroom Recording

To ensure the free and open discussion of ideas, students may not record classroom lectures, discussion and/or activities without the advance written permission of the instructor, and any such recording properly approved in advance can be used solely for the student's own private use.

Copyright

Some of the materials in this course may be protected by copyright. United States copyright law, 17 USC section 101, et seq., in addition to University policy and procedures, prohibit unauthorized duplication or retransmission of course materials. See the [Library of Congress Copyright Office](#) and the [University Copyright Policy](#).