Math 0220

Student Guidelines and Syllabus

About the course

This is the first 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

Minimum math placement score of 76 or Math 0200 with minimum grade of C.

Textbook

The textbook for this course is Essential Calculus, Early Transcendentals, second 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. More detailed instructions for opting out can be found here. If you do not opt out of Inclusive Access, then you will be able to access the digital textbook through a link to WebAssign in Canvas.

Labs (Online Homework)

All your graded homework will be done online using LON CAPA. You will work individually on problem solving skills, using computer generated problems.

Weekly scheduled meetings

During your weekly scheduled lab time, the Graduate Teaching Assistants will be available to assist you with individual questions. You are encouraged to go to this scheduled hourly lab and ask your Teaching Assistant for help if you get stuck, but you are expected to solve all problems yourself. You may not complete all of your work during the scheduled lab sessions, in which case you are expected to complete the assignment on your own before the given due date.
You will be able to work on your lab problems from any computer with an Internet connection and a web browser.

Logging on

The URL for your homework is https://homework2.phyast.pitt.eduLinks to an external site. Type this into the address box of your web browser. At the login prompt, enter your usual Pitt username and for the password prompt type in your Pitt password. You must enter your username in lower case. (If there is a problem connecting to this URL you can instead connect to https://homework2.math.pitt.edu). You will be automatically linked to the calculus course in which you are enrolled. You enter this course material by the link "select" where it is listed.

First time user

When you log on for the first time, you must change the default math display settings. To do this, go to the Main Menu at the top of the page. Under My Space, select Set my user preferences. Then within Content Display Settings select Math display settings. With the toolbar at the top, change from Default to jsMath and Save setting. You will not have to do this again. If the jsMath option is not present due to browser restrictions then choose MathJax. If the default setting is not saved as jsMath or MathJax then the page is very difficult to read and at times does not make mathematical sense.

Doing your homework

Once logged in, go to the Course Content link at the top of the page. You should see a list of homework assignment folders. Above these homework folders is a link to syntax page, syntax.pdf, which you should read completely before getting started. You can then click on the homework folder to see your first set of assigned problems. When you enter an answer, the computer will tell you whether it is right or wrong. If you enter an incorrect answer, you can try again. The problems have a set limit on the number of attempts you get. If you have made half of the limited attempts offered and you still are incorrect, you should at that time seek assistance. You may return to an assignment as often as you like. The system will accept answers until the due date for the assignment. Once you have a correct answer, your full credit points for that problem are recorded. You can click the green right arrow at the top to go on to the next problem in the folder.

Browsers

LON CAPA should work well with any modern web browser. Chrome is recommended.

Recitations

Once a week you will meet with your TA in a classroom (without computers) to go over problems related to the material covered the previous week. Each scheduled recitation will have its assigned TA. Your TA may also have a quiz prepared for you during this time.

Practice Homework

All sections are given a common list of practice problems from the textbook.. You are expected to solve these problems, although they will not be collected and graded. Exam and quiz problems will often be modeled on these problems.

Grades

Your course grade will be determined as follows:

- Two midterm exams 40% (20% each)
- Final exam 40%
- LON CAPA assignments 10%
- Quizzes 10%

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

Final Exam Policy

All day sections will take a departmental final exam at a day and time to be scheduled by the registrar. Calculators will not be permitted on the departmental final exam.
Evening sections will meet through final exam week, and the final exam will be given during the last one or two scheduled class periods.

One Letter Grade Policy

Your final grade in the course will not exceed your final exam grade by more than one letter grade.

Exam Dates

See the class schedule for the dates of the two midterm exams. The date and time of the final exam will be announced by your instructor and in PeopleSoft.

Materials

In addition to the textbook, you will need at least a scientific calculator. Any calculator with logarithms, exponentials, and trigonometric functions will do. Programmability is desirable but not essential. A graphing calculator, such as the TI83 or TI86, is better still.

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 in the lab.

Getting Help

Tutoring

The Mathematics Department offers a free tutoring service. The Math Assistance Center (MAC) is located on the second floor of the O'Hara Student Center. Tutoring services and tutoring hours will be posted outside the MAC as well as on the web at MAC .

Office Hours

Your instructor will announce his office hours.

Disability Resource 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 the Office of Disability Resources and Services (DRS), 140 William Pitt Union (412) 648-7890, drsrecep@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

Cheating/plagiarism will not be tolerated. Students suspected of violating the University of Pittsburgh Policy on Academic Integrity may incur a zero score for the assessment in question. Additional sanctions may be imposed, depending on the severity of the infraction. Even during this COVID-19 pandemic, Academic Integrity policies will be enforced. If there is any doubt about the originality of a student's submission for an assessment, they may be asked to explain their work during a one-on-one meeting with their instructor. If the student's explanations are unsatisfactory, they may receive a zero score for the assessment, or the instructor may choose to administer an alternative assessment in a different format.

Please note, in particular, that Pitt has a data sharing arrangement with Chegg.com that enables us to identify instances in which Chegg.com has been used to cheat on assessments. Consequences of being caught in this academic integrity violation have included zero scores on assessments and F grades for the course.

Health and Safety

In the midst of this pandemic, it is extremely important that you abide by public health regulations and University of Pittsburgh health standards and guidelines. While in class, at a minimum this means that you must wear a face covering and comply with physical distancing requirements; other requirements may be added by the University during the semester. These rules have been developed to protect the health and safety of all community members. Failure to comply with these requirements will result in you not being permitted to attend class in person and could result in a Student Conduct violation. For the most up-to-date information and guidance, please visit coronavirus.pitt.edu and check your Pitt email for updates before each class.

Diversity and Inclusion

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, see: https://www.diversity.pitt.edu/civil-rights-title-ix-compliance/policies-procedures-and-practices.

Classroom Recording

To ensure the free and open discussion of ideas, students may not record classroom lectures, discussion and/or activities not already recorded by the instructor, 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.
Lectures will be recorded by the instructor, and this may include student participation. Students are not required to participate in the recorded conversation. The recorded lecture may be used by the faculty member and the registered students only for internal class purposes and only during the term in which the course is being offered. Recorded lectures will be uploaded and shared with students through Canvas.

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.