MATH 0312: CALCULUS I, FALL 2020.
COURSE SYLLABUS

Instructor. Yi-Hsuan Lin

- *Office:* Science Hall A, office 228
- *Email:* yihsuanlin3@math.nctu.edu.tw
- *Office Hours:* Using *email* to make appointments.

Lecture: Tuesday CD 10:00-12:00 & Friday EF 13:20-15:10; @ SC105.

Textbook: Calculus (Early Transcendentals), 8th Edition by James Stewart. We will cover the following sections of the textbook:

1.4-1.5; 2.2-2.8; 3.1-3.6, 3.10; 4.1-4.7, 4.9; 5.1-5.5; 6.1-6.3, 6.5; 7.1-7.4, 7.8; 8.1-8.2; 10.1-10.4.

If we have more time, we will cover some other topics of the textbook.

Course Webpage: https://is.gd/VfNPzR

- If the link is not available, just go the NCTU applied math webpage to find instructor's name, then you will find the course webpage.

Please note that course announcements, all information is posted on the course webpage.

Grading: Your grade will be determined relied on the combined scores from three midterm exams, one final exam and weekly quiz. Grade records will be posted on the E3 system NCTU: https://e3new.nctu.edu.tw/login/index.php
The distribution of your grade is given by

Weekly Quiz:	30%
Midterm Exams:	40%
Final Exam:	30%
Final Grade:	**100 %**

The grade scale is given by

$90 \sim 100 = A+$	$67 \sim 69 = C+$
$85 \sim 89 = A$	$63 \sim 66 = C$
$80 \sim 84 = A-$	$60 \sim 62 = C-$
$77 \sim 79 = B+$	$50 \sim 59 = D$
$73 \sim 76 = B$	$1 \sim 49 = E$
$70 \sim 72 = B-$	$0 = X$

Quiz: The problems of the quiz are based on the assigned exercises: https://calculus.nctu.edu.tw/exercises-8e-1/.
The quiz will take place during courses (once on Tuesday and once on Friday). The quiz will be held in the last 10 minutes of lectures. We suggest that all students in this course need to do the assigned homework regularly, even we **do not** ask you to hand in the homework. **Three** lowest scores of the quiz will be dropped in the end of the semester to accommodate exceptional situations such as a serious illness.

Midterm Exams: The time and classroom of the four midterms are the same as our lectures. They are scheduled on

Midterm 1:	Friday, October 23, 2020.
Midterm 2:	Friday, November 20, 2020.
Midterm 3:	Friday, December 18, 2020.

Using notes, books, or electronic devices is prohibited when taking the midterm exams. Makeup midterm exams will NOT be considered, and you will be punished by the university policy:
http://scahss.sa.nctu.edu.tw/?page_id=603.
The lowest score of four midterms will be dropped in the end of the semester, which means each midterm will take **20%** into your final grade (**two** scores of midterms will be counted). If you miss a midterm exam due to *unavoidable*, *compelling*, and *well-documented circumstances*, you have a chance to skip this one. You are **NOT** allowed to skip two or more midterms without suitable reasons. If you miss two or more midterms with appropriate reasons (after the instructor's agreements), your midterm score will be weighted estimates into your final grade accordingly.

Final Exam: The final exam is scheduled on

Wednesday 15:30-17:30, December 30, 2020.

The place of the final exam will be announced in the near future.

The final exam is cumulative. Using notes, books, or electronic devices is prohibited when taking the final exam. Makeup final exams will be given only in extreme situations, with justification verified by the university policy:
http://scahss.sa.nctu.edu.tw/?page_id=603

Teaching Assistants:

- Yun-Ting Chuang, SA133. Email: yunting0116@gmail.com
  Office Hours: Wednesday C, or email appointment.

Other Policies and Advises:

- Only students registered in Course 0312 are allowed to attend, unless approved by the instructor.
- If you miss a class, it is your responsibility to get a copy of the notes from a classmate.
- If you come to class, you cannot disturb the instructor and your classmates. Everyone has equally right to learn the calculus from the lectures.
- All cell phones and electronic devices must be silenced during the class period.
- The best way to succeed in this course is to keep up with the lectures and work out the homework assignments (you are encouraged to work with your classmates). You should ask questions when you are at all uncertain of your understanding of the material. Please don't hesitate asking questions to your instructor and TAs. We are happy to help everyone to understand the calculus.