

Sam Houston State University  
Math 2440 Calculus III  
Fall, 2017

1. **Course Info**

- Professor: Daniel Wang
- Time and Location: Lee Drain 401, MWF 11:00-12:20 PM
- Office: 436 Lee Drain
- Email: `daniel.wang@shsu.edu`
- Office Hours: MWF 10-11 AM and by appointment

2. **Text**

- Required text: *Calculus: Early Transcendental Functions, 6th Edition*, by Ron Larson & Bruce Edwards.
- Other resources: Any multivariable calculus textbook. The material hasn't changed in over a hundred years.

3. **Grading**

- Homework and Quizzes (30 %)
  - i. Written homework is assigned every Wednesday.
  - ii. Webassign homework is due every Sunday night.
  - iii. Quizzes on certain days.
- Tests (45 %)

There will be 3 tests. Exact dates are given below, and are all on Fridays. It will take up the whole class.

  - i. September 22
  - ii. October 20
  - iii. November 17
- Final Exam (25 %)

The final exam date is on Dec. 6th, 2017, 12:00 PM - 2:00 PM , in this classroom. It will be cumulative.

4. **Course requirements** We need a good understanding from Calc I and Calc II: Differential and Integral Calculus, and sequences and series. I will rarely review Calc I materials. I may review Calc II materials, if needed.

5. **Course Goals** We will cover the following chapters.

- (a) Chapter 11: Vectors and the geometry of space
- (b) Chapter 13: Functions of several variables
- (c) Chapter 14: Multiple Integration
- (d) Chapter 15: Vector Analysis

The point of the course is in Chapter 15, in the study of Green's, Divergence, and Stokes' Theorem. Unfortunately, this is also the last topic. I will do my best to get to these theorems as early as possible, so you will have time to digest these theorems.

## 6. Resources and Tips, in order of importance:

- Come to class. You are responsible for everything that goes on in class as well as all the emails I send out. If you do miss class, find out what you missed **from your classmates**.
- Read the book. My lectures are closely based on the book; I will expect you to read every section we cover carefully.
- My office hours are for answering your questions and concerns with the material and the course. If you can't come to my office hours, email me to schedule another time. Be sure to do this in advance since I rarely check my email in the evenings. **I am usually free to meet on MWF 2-3 (if I have no department meetings), and Friday after 2 PM.**

## 7. Final notes:

- No late work will be accepted. No make-up tests will be given, unless you have athletic or medical reasons. Only paper-printouts of your homework will be accepted, and due during class.
- No calculators, notes, or formula sheets will be allowed during any tests, unless otherwise noted.
- Since we are using Blackboard, I will be sending emails to notify you of various announcements. Make sure you check your SHSU emails regularly.
- Attendance will be taken during the first few weeks of the course. That record will be used for registration and financial aid purposes. The full policy on attendance can be found at: <http://www.shsu.edu/dotAsset/1e59e034-4fe5-4563-be7b-362234dca1ae.pdf>
- Don't cheat. The policy on academic integrity is at: <http://www.shsu.edu/dotAsset/728eec25-f780-4dcf-932c-03d68cade002.pdf>  
When in doubt, feel free to come talk to me.

- It is the policy of SHSU that individuals otherwise qualified shall not be excluded, solely by reason of their disability, from participation in any academic program of the university. Further, they shall not be denied the benefits of these programs nor shall they be subjected to discrimination. Students with disabilities that might affect their academic performance should register with the Office of Services for Students with Disabilities located in the Lee Drain Annex (936-294-3512, [disability@shsu.edu](mailto:disability@shsu.edu)). They should then make arrangements with their individual instructors so that appropriate strategies can be considered and helpful procedures can be developed to ensure that participation and achievement opportunities are not impaired.

SHSU adheres to all applicable federal, state, and local laws, regulations, and guidelines with respect to providing reasonable accommodations for students with disabilities. If you have a disability that may affect adversely your work in this class, then I encourage you to register with the SHSU Services for Students with Disabilities and to talk with me about how I can best help you. All disclosures of disabilities will be kept strictly confidential. No accommodation can be made until you register with the Services for Students with Disabilities. For more information, see:

<http://www.shsu.edu/dotAsset/7ff819c3-39f3-491d-b688-db5a330ced92.pdf>

- This syllabus does not deal with all situations that may arise in the course of a semester. I reserve the right to modify anything in this syllabus, as well as set new rules and guidelines for issues concerning classroom decorum, learning atmosphere, and academic integrity.

8. **New requirement:** No smartphones are allowed in my classroom. They are to be kept out-of-sight at all times, and never used.