

COURSE SYLLABUS FOR MATH 1420.02 Calculus I

Spring 2018 (4 credit hours)

Instructor: Professor Jianzhong Wang

Meeting Time/Place: MWF 8:00--9:20 / LDB 219

Office/Phone: LDB 417D/ 294-3521, (or call **Math Office** 294-1536)

Email: jzwang@shsu.edu. I shall use the Blackboard (on Sam Web page) to post the course syllabus, schedule, homework assignments, grades, announcements, and other materials for the class. Please go to the **Blackboard** to find the necessary information and announcements for the class.

Office Hours and help: MWF 11:00-11:50 AM and 12:30-2:00PM. You may also get the help for the class from Math Learning Center, particularly, for your questions in your homework.

Textbook: *Calculus Early Transcendental functions*, R. Larson and B. Edwards, Sixth Edition.

Calculators: The graphing calculator TI-84 Plus is recommended. It will be used to draw graphs of functions, to solve equations, and to do other numerical computations. If you use the graphing calculators other than TI-84 Plus, then you take the response of knowing its usage.

Prerequisite: MATH 1410, Pre-calculus, with a grade C or better.

Objective: This course provides the students with an understanding of the principles of calculus which are needed to solve problems in mathematics, science, engineering, and real-world applications.

Description: This is the first semester course of the series of calculus courses. The successive courses are MATH 1430 (Calculus II) and MATH 2420 (Calculus III). Topics of this course include limits and continuity of function, derivative and its applications, and the definite integral.

Attendance and Homework: You are expected to attend every class. A roll sheet will be distributed at each meeting for keeping attendance records. Please do homework after each section and then check your answers using the Answer Keys posted on the Blackboard. The homework should be **graded by yourself**. You need not to turn in your homework, but report the grade before each exam day and keep your work till the end of the semester.

Quizzes, Exams, and Grad: There are 4 *chapter exams*, in which the last one serves as the final exam, and 10 *quizzes*. **Each exam counts 20%, all quizzes 20% (each 2%) including 10% bonus credit, and whole homework 10%.** No exam grades will be dropped. The course letter grading scale is normal. 90% and up: **A**; 80–89%: **B**; 70–79%: **C**; 60–69%: **D**, 59% and below: **F**.

Exam make-up policy: You cannot make-up any missed quizzes. If you miss an exam, you will be expected to show appropriate cause in writing. If you must miss an exam, I expect you to contact me beforehand. If that is impossible, then you must contact me no later than 24 hours after the exam. If you miss an exam and have not contacted me by this time, you forfeit your right to a make-up.

Cheating: Cheating will not be tolerated! I will prosecute cheaters to the fullest extent.

Classroom Behavior: Students will refrain from behavior in the classroom that intentionally or unintentionally disrupts the learning process and, thus, impedes the mission of the university. Please **turn off or mute your cellular phone** before class begins. Do not hold a cellular phone in your hand or put it on the desk. Otherwise, I will ask you **leave the classroom**. Students are prohibited from eating in class, using tobacco products, making offensive remarks, reading newspapers, sleeping, talking among each other at inappropriate times, wearing inappropriate clothing, or engaging in any other form of distraction. Inappropriate behavior in the classroom shall result in a minimally, a directive to leave class or being reported to the Dean of Students for disciplinary action in accordance with university policy.

Student Syllabus Guideline: You may find a more detailed description of the following policies. These guidelines will also provide you with a link to the specific university policy or procedure: <http://www.shsu.edu/syllabus/>

Academic Dishonesty: Students are expected to maintain complete honesty and integrity in the academic experiences both in and out of the classroom. See [*Student Syllabus Guidelines*](#).

Classroom Rules of Conduct: Students are expected to assist in maintaining a classroom environment that is conducive to learning. Student are to treat faculty and students with respect. Students are to turn off all cell phones while in the classroom. Under no circumstances are cell phones or any electronic devices to be used or seen during times of examination. Students may tape record lectures provided they do not disturb other students in the process.

Students with Disabilities: It is the policy of Sam Houston State University 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 visit with the Office of Services for Student with Disabilities located in the Counseling Center. See [*Student Syllabus Guidelines*](#)

Student Absences on Religious Holy Days: Students are allowed to miss class and other required activities, including examinations, for the observance of a religious holy day, including travel for that purpose. Students remain responsible for all work. See [*Student Syllabus Guidelines*](#)