

Pre	Calculus	Algebra	-	MATH	1314.14	-	Spring	2018
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## COURSE SYLLABUS

**CRN:** 20201  
**Time:** 15:30 - 16:50 Tuesday & Thursday  
**Place:** LDB 216  
**Instructor:** Sanduni Shamila Leelaratne

### Instructor Contact Information

**Email:** [ss1012@shsu.edu](mailto:ss1012@shsu.edu)  
**Office:** Lee Drain Building, Room 408  
**Office Hours:** Tuesday 12:50 to 13:50 & Thursday 09:30 to 10:50 or by an appointment.

**Course Description:** This course is designed for those students who need preparation beyond two years of high school geometry before taking the calculus sequence. In this course the student is expected to obtain an understanding of :

The principles involved in the algebra of real and complex numbers.

The concept of a function and how to use algebraic and geometric properties to study properties of functions.

How to use functions and algebraic principles to model and solve real-world problems.

**Course Objectives:** Topics include a brief review of introductory algebra, variation, elementary theory of equations, functions (including exponential and logarithmic) inequalities, systems of equations, and other related topics.

**Prerequisites:** Two years of high school algebra and one year of high school geometry. This is a 3 Credit course.

**Textbook:** *College Algebra (8th edition)* by Aufmann. You will get access to the electronic version of the book when you sign in to the web assign.

**Required Supplies:** You must have a calculator for this class and you cannot use your cell phone as a calculator. You cannot borrow a calculator during an exam. Your calculator must be able to evaluate roots, powers, exponentials, and logarithms (a scientific calculator will do this). You may use a graphing calculator on parts of some exams or quizzes, but may not be allowed to use the graphing calculator on other parts. (A graphing calculator - TI-83 or TI-84 recommended. Calculators with Computer Algebra Systems such as TI-89 will **not** be allowed.)

**Attendance (10 % ):** : Attendance for this course is mandatory. **Every undocumented/unapproved absence will lower your attendance grade by one point.** If class must be missed, the student is expected to get the notes from a classmate, and to check Blackboard for any announcements. For all documented and university-approved absences (e.g. hospitalization, court appearances, university athletic conferences, etc...) students must immediately contact and inform the instructor of the situation and present proper documentation upon re-entering the classroom. Students are expected to arrive to class on time. **Attendance will not be recorded for anyone arriving after 10 minutes or leaving before the end of the class.**

**Homework ( 20 % ):** Homework will be assigned daily through web assign and will be given a one week period to complete. You are expected to submit your homework on or before the deadline, unless there are extenuating circumstances; speak with me if your homework must be

late for a special reason. **WebAssign Class Key: shsu 3948 6104.** Homework is worth 20% of overall grade.

**Quizzes ( 20 % ):** Every **Thursday** there will be a quiz consisting mostly on the topics covered on the previous week. There may also be a few questions from earlier topics. No make-ups are allowed under any circumstances. However, the quiz with the lowest grade will be dropped.

**Exams ( 50 % ):** There will be two midterm exams and a comprehensive final exam (scheduled during finals week). Each midterm exam worth 15% and comprehensive final exam worth 20% from the total grade. Dates of the midterm exams will be informed before three class days.

The final exam schedule will be posted in the website

<http://www.shsu.edu/dept/registrar/calendars/final-exam-schedules.html>. Any changes to this schedule will be announced in class and posted on Blackboard. There will be no makeup exams, except for official University-sponsored activities. The course grade will be assigned via the following scale.

Percentage earned	Grade
90-100	A
80-89	B
70-79	C
60-69	D
0-59	F

**Academic Dishonesty:** Students are expected to maintain 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. Students 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.

**Use of Telephones and Text Messagers:** The use by students of electronic devices that perform the function of a telephone or text messenger during class-time are prohibited except with prior approval from the instructor for emergency use. These devices should not be present during a test or should be stored securely in such a way that they cannot be seen or used by the student. Even the visible presence of such a device during the test period will result in a zero for that test. Use of these devices during a test is considered de facto evidence of cheating and could result in a charge of academic dishonesty. Failure to comply with this policy could result in expulsion from the classroom or with multiple offenses, failure of the course.

**Visitors in the Classroom:** Only registered students may attend class. Exceptions can be made on a case-by-case basis by the professor. In all cases, visitors must not present a disruption to the class by their attendance. Students wishing to audit a class must apply to do so through the Registrar's Office.

**Student Absences on Religious Holy Days Policy:** 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.

**Disabled Student Policy:** 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 his/her academic performance should contact the Office of Services for Students with Disabilities located in the SHSU Lee Drain Building Annex (telephone 936-294-3512, TDD 936-294-3786) to request accommodations. 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. NOTE: No accommodation can be made until you register with the Services for Students with Disabilities. For a complete listing of the university policy, see: <http://www.shsu.edu/dotAsset/7ff819c3-39f3-491d-b688-db5a330ced92.pdf>.

For more information on these policies, please visit the site

<http://www.shsu.edu/dept/academic-affairs/aps/aps-students.html>