Course Syllabus
Math 1410.03
Elementary Functions
Fall 2017

1. **Location:** LDB 219

2. **Meeting Times:** M W F 9:30-10:50

3. **Instructor:** Cheri Hudgeons

4. **Office:** LDB 429

5. **Contact Information:**
   Phone: 936-294-1878
   Email: cxh022@shsu.edu

6. **Office Hours:** Wednesday and Friday 1:00-2:00
   Tuesday and Thursday 10:00-12:00
   Other times by appointment

7. **Prerequisites:**
   - Students entering this course should be comfortable with elementary algebra and intermediate algebra, function notation, linear equations, and factoring quadratic equations.

8. **Course Objectives:**
   - Use function notation and recognize functions as a fundamental mathematical concept.
   - Work with composition of functions.
   - Identify one-to-one and onto functions and compute the inverse of a function.
   - Use graphing calculators to understand the "shape" of a function.
   - Solve equations involving polynomial and rational functions.
   - Solve equations involving exponential and logarithmic functions.
   - Work with elementary functions on the unit circle to solve equations involving trig functions.
   - Work with inverse trigonometric functions.

9. **Required Textbook:** *Precalculus* by Jay Abramson. This is an on-line book and can be found at https://openstax.org.

10. **Attendance Policy:** Students are expected to attend every class. If class must be missed, it is the student's responsibility to get the notes and assignments for that class meeting. A sign up sheet will be passed around at the beginning of each class period so that the instructor may monitor attendance.

11.  **Assignments:**
- There will be one worksheet per lecture, three worksheets per week.
- There will be **daily reading expectations**, along with **daily online exercises** to work. The online homework is called WebAssign, and can be found at [www.webassign.net](www.webassign.net). The cost is $37.95. You will need a class key for enrollment. The class key for this section is shsu 8978 4420.
- Weekly quizzes will be given every Friday.
- No make-up quizzes will be given. If a quiz has to be missed, please make sure you make arrangements to take the quiz before it is returned to the class. Once the quiz has been returned, no make up will be allowed. A number of quizzes will be dropped at the end of the semester.
- There will be four exams given throughout the semester. The lowest exam grade will be dropped at the end of the semester. Exams can only be made up if the university excuses the absence. Any makeup exams should be taken before the exam is returned to the class. The instructor should be informed prior to the date the exam is given. One week's notice will be given prior to exam dates.

12. **Grading Plan:** The final grade will be determined as follow:
- Exam Average—45%
- WebAssign—10%
- Quiz Average—15%
- Homework—10%
- Final Exam—20%

13.  **Calculators:** Calculators can be a great aid to mathematical computations, but they can provide an answer without understanding. In this course we will emphasize the understanding of the mathematical concepts, so the use of calculators will be restricted. You will need a scientific calculator that has trigonometric functions capabilities. **Graphing calculators will not be allowed.**

14.  **Academic Dishonesty:** All students are expected to engage in all academic pursuits in a manner that is above reproach. Students are expected to maintain complete honesty and integrity in the academic experiences both in and out of the classroom. Any student found guilty of dishonesty in any phase of academic work will be subject to disciplinary action. The University and its official representatives may initiate disciplinary proceedings against a student accused of any form of academic dishonesty including, but not limited to, cheating on an examination or other academic work which is to be submitted, plagiarism, collusion and the abuse of resource materials.

15.  **Classroom Rules of Conduct:** Students will refrain from behavior in the classroom that intentionally or unintentionally disrupts the learning process and, thus, impedes the mission of the university. **<u>Cellular telephones and pagers must be turned off and put away before class begins</u>.** Text messaging will not

be tolerated and any student doing so will be asked to leave. Students are prohibited from eating in class, using tobacco products, making offensive remarks, reading newspapers, sleeping, talking at inappropriate times, wearing inappropriate clothing, or engaging in any other form of distraction. Inappropriate behavior in the classroom shall result in a directive to leave class. Students who are especially disruptive also may be reported to the Dean of Students for disciplinary action in accordance with university policy.

16. **Visitors in the Classroom:** Unannounced visitors to class must present a current, official SHSU identification card to be permitted in the classroom. They must not present a disruption to the class by their attendance. If the visitor is not a registered student, it is at the instructor's discretion whether or not the visitor will be allowed to remain in the classroom.


17. **Students with Disabilites 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 their academic performance should register with the Office of Services for Students with Disabilities located in the Lee Drain Annex (telephone 936-294-3512, TDD 936-294-3786, and e-mail [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. 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/dept/academic-affairs/documents/aps/students/811006.pdf


18. **Religious Holidays:** University policy states that a student who is absent from class for the observance of a religious holy day must be allowed to take an examination or complete an assignment scheduled for that day within a reasonable time after the absence. Students must be excused to travel for observance of a religious holy day. A student who wishes to be excused for a religious holy day must present the instructor with a written statement describing concerning the holy day(s) and the travel involved. The instructor should provide the student with a

written description of the deadline for the completion of missed exams or assignments.

This syllabus is subject to change as the semester progresses.