College Algebra

Syllabus

Course Information

Professor Information

- Dr. Ryan Jensen
- Mathematics Department
- Email: jensenrj@sfasu.edu (don’t use D2L to email me, I don’t check that)
- Class Times: MWF 10:00-10:50 livestream
- Livestream Office Hours:
  - MWF 9:00-10:00am
  - TTR 8:00-9:00am

Classroom
Livestream class and office hours, a link will be provided.

Course Description
Preparatory for the calculus sequence: properties and graphs of algebraic, exponential, and logarithmic (with inverses); systems of linear equations. Prerequisite(s): MTH 099 or TSI complete/exempt status in mathematics; minimum math score of 25 on the ACT or 600 on SAT.

Required Materials

Textbook
The required textbook and online homework system found at http://www2.sfasu.edu/math/books.html under Precalculus. The text is called Precalculus, is written by Axler, and the third edition is required.

Calculator
A non-graphing, non-programmable, non-Internet capable scientific calculator is required.

Internet
This is an online course with livestream lectures and office hours, and online homework. As such, a high-speed reliable Internet connection is required.

Webcam or Smart Phone
In order to attend lectures and office hours, you will need access to zoom, including a smartphone or webcam.
**Computer/OneNote**

Distribution of course material, and collection of homework will be done with Microsoft OneNote. As a student, you have access to this. I highly suggest using a computer to access OneNote, so access to a reliable computer is also required for this course.

**Scan to PDF Software**

Exams must be submitted in pdf format, so a scanner of some type is required. Also, Homework must be submitted in OneNote in pdf format. Smart phone scans are ok, and recommend software can be found at https://acrobat.adobe.com/us/en/mobile/scanner-app.html, or https://www.microsoft.com/en-us/p/office-lens/9wzdncrfj3t8?activetab=pivot:overviewtab.

**Course Calendar**

The course calendar can be found under the Schedule page.

**Course Requirements**

**Class Attendance and Participation**

Students are expected to watch all class livestreams, do all assigned homework and quizzes, and if needed, attend scheduled office hours (times shown above).

**Preparing for Class**

Students which are adequately prepared for the class should expect to spend a minimum of three hours of work outside of class for each credit hour. In a normal semester this is 9 hours per week for Math 1314. The time out of class can be used in reading the text, practicing examples, working homework exercises, etc. A minimal time commitment is likely to lead to a final grade of a C. More time may be required to achieve excellence. Check your university email and the course website regularly, as I may send reminders, assignments, or announcements.

Students are expected to read the sections before the livestream lectures.

**Homework**

Homework will be assigned online and is generally due the following Monday.

**Quizzes**

After some readings and lectures, there will be quizzes.

**Labs**

Generally, there will be a lab each week on Friday. At times, we will use desmos.com for labs.
Micro Exams
There will be a small exam, 5% of your final grade, after each chapter.

Comprehensive Final Exam
The final will be comprehensive.

Grading

Grading Policy

<table>
<thead>
<tr>
<th>Category</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>Quizzes</td>
<td>5%</td>
</tr>
<tr>
<td>Labs</td>
<td>15%</td>
</tr>
<tr>
<td>Homework</td>
<td>20%</td>
</tr>
<tr>
<td>Micro Exams</td>
<td>20% (5% each)</td>
</tr>
<tr>
<td>Final Exam</td>
<td>40%</td>
</tr>
</tbody>
</table>

Grading Scale

<table>
<thead>
<tr>
<th>Letter Grade</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>90%-100%</td>
</tr>
<tr>
<td>B</td>
<td>80%-90%</td>
</tr>
<tr>
<td>C</td>
<td>70%-80%</td>
</tr>
<tr>
<td>D</td>
<td>60%-70%</td>
</tr>
<tr>
<td>F</td>
<td>0%-60%</td>
</tr>
</tbody>
</table>
Other Information

Program Learning Outcomes (PLO)

Students graduating from SFASU with a B.S. Degree and a major in mathematics will:

1. Demonstrate comprehension of core mathematical concepts. [Concepts] (notion of theorem, mathematical proof, logical argument)
2. Execute mathematical procedures accurately, appropriately, and efficiently. [Skills] (calculus, algebra, routine, nonroutine, applied)
3. Apply principles of logic to develop and analyze conjectures and proofs. [Logical Reasoning] (quantifiers, breaking down mathematical statements, counterexamples)
4. Demonstrate competence in using various mathematical tools, including technology, to formulate, represent, and solve problems. [Problem Solving] (calculus tools, algebra tools, applied tools, nonstandard problem solving)
5. Demonstrate proficiency in communicating mathematics in a format appropriate to expected audiences. [Communication] (written, visual, oral)

Academic Integrity (Policy A-9.1)

Academic integrity is a responsibility of all university faculty and students. Faculty members promote academic integrity in multiple ways including instruction on the components of academic honesty, as well as abiding by university policy on penalties for cheating and plagiarism. The penalty for a student found cheating on any part of an assignment, quiz, or exam in this class will range from a grade of zero on the work to a grade of F in the course, and may result in additional, more severe disciplinary measures. A student who allows another to copy his work and the student copying the work are both guilty of cheating. Do your own work. Do not show your completed work to others. Do not allow others to copy your work.

Definition of Academic Dishonesty

Academic dishonesty includes both cheating and plagiarism. Cheating includes but is not limited to (1) using or attempting to use unauthorized materials to aid in achieving a better grade on a component of a class; (2) the falsification or invention of any information, including citations, on an assigned exercise; and/or (3) helping or attempting to help another in an act of cheating or plagiarism. Plagiarism is presenting the words or ideas of another person as if they were your own. Examples of plagiarism are (1) submitting an assignment as if it were one’s own work when, in fact, it is at least partly the work of another; (2) submitting a work that has been purchased or otherwise obtained from an Internet source or another source; and (3) incorporating the words or ideas of an author into one’s paper without giving the author due credit. Please read the complete policy at http://www.sfasu.edu/policies/4.1-student-academic-dishonesty.pdf.
Withheld Grades Semester Grades Policy (A-54)

Ordinarily, at the discretion of the instructor of record and with the approval of the academic chair/director, a grade of WH will be assigned only if the student cannot complete the course work because of unavoidable circumstances. Students must complete the work within one calendar year from the end of the semester in which they receive a WH, or the grade automatically becomes an F. If students register for the same course in future terms the WH will automatically become an F and will be counted as a repeated course for the purpose of computing the grade point average. The circumstances precipitating the request must have occurred after the last day in which a student could withdraw from a course. Students requesting a WH must be passing the course with a minimum projected grade of C.

Students with Disabilities

To obtain disability related accommodations, alternate formats and/or auxiliary aids, students with disabilities must contact the Office of Disability Services (ODS), Human Services Building, and Room 325, 468-3004 / 468-1004 (TDD) as early as possible in the semester. Once verified, ODS will notify the course instructor and outline the accommodation and/or auxiliary aids to be provided. Failure to request services in a timely manner may delay your accommodations. For additional information, go to http://www.sfasu.edu/disabilityservices.

Acceptable Student Behavior

Classroom behavior should not interfere with the instructor’s ability to conduct the class or the ability of other students to learn from the instructional program (see the Student Conduct Code, policy D-34.1 http://www.sfasu.edu/policies/student-code-of-conduct-10.4.pdf). Unacceptable or disruptive behavior will not be tolerated. Students who disrupt the learning environment may be asked to leave class and may be subject to judicial, academic or other penalties. This prohibition applies to all instructional forums, including electronic, classroom, labs, discussion groups, field trips, etc. The instructor shall have full discretion over what behavior is appropriate/inappropriate in the classroom. Students who do not attend class regularly or who perform poorly on class projects/exams may be referred to the Early Alert Program. This program provides students with recommendations for resources or other assistance that is available to help SFA students succeed.