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:
  - Section 001: TTR 9:30-10:45 Livestream
  - Section 002: TTR 11:00-12:15 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
Trigonometric functions of angles, radian measure, fundamental identities; addition, product and half-angle formulas, solution of triangles; polar coordinates; inverse trigonometric functions and complex numbers.

Prerequisite(s): MTH 099 or TSI complete/exempt status in mathematics

Required Materials

Textbook
The required textbook and online homework system found at http://www2.sfasu.edu/math/books.html under MATH 1316.

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.
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>Homework</td>
<td>25%</td>
</tr>
<tr>
<td>Micro Exams</td>
<td>20% (5% each)</td>
</tr>
<tr>
<td>Final Exam</td>
<td>50%</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>
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</tbody>
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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

**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](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](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.