Course Description
Elementary concepts of geometry and measurement, probability, and statistics with an emphasis on problem solving and critical thinking.

http://www2.sfasu.edu/math/courses/syllabi/MTH129Syllabus.pdf

Course Prerequisites
MTH 127, MTH 128

Course Time and Meeting Place
- Online at https://d2l.sfasu.edu

Instructor
- Stacia Prince
  Department of Mathematics and Statistics
- Office: Math 334 or Math 103J
- TEL: (936) 468-6262
- Email: princes@sfasu.edu
  Expect to receive response to email within 24 hours on weekdays and 48 hours on the weekends when using the sfasu email. If you do not receive a response, please email through D2L.
- Office Hours: By appointment or anytime my door is open.

Current Text and Materials
- A four-function calculator ONLY-(no graphing or scientific calculators) will be allowed on exams but is not required. Technology should be used as an aid, but without a good understanding of the underlying mathematical concepts, the calculator will quite happily mislead you without your even knowing it. In general, technology is a good thing, but as with everything, sometimes too much of a good thing can lead to problems. For this reason, we may not allow calculators to be used on certain exams or parts of certain exams. You may not use your cellphone or your iPod/iPad/iWatch in class for a calculator.
- The textbook for this course is
  Mathematics for Elementary Teachers, Beckmann 0321901231 Pearson 5th

Couse Calendar
- Real Number System  20%
- Algebraic Thinking  65%
- Standards  15%

Course Requirements:
- D2L access. You will be required to access D2L (at http://d2l.sfasu.edu) and read and complete assignments and quizzes through the D2L system. You should logon daily to participate in required/graded course discussions and to check for announcements, updates, and email messages from the instructor
- No campus meetings are required. You may come to campus to take exams or for office hours if you choose. There will be periodic ZOOM Meetings. These meetings will be optional questions/answer meetings and will be recorded and a link of the recording will be posted online.
- Scheduling note: this course is structured around fixed due dates for assignments and content availability. Students should NOT expect to work through the course entirely at their own pace – interaction with peers and feedback from
the instructor are important components of the learning process, so the course is structured to maximize these opportunities.

- A proctored, pencil-and-paper midterm exam (2 hours). Exams are not taken online. The instructor will provide information about taking exams at SFA or with an off-campus proctor, which would be your responsibility to secure. You must arrange to take your exams with a proctor who can return exams to the instructor the same day, scanned as a pdf email attachment. The midterm exam must be taken July 30 or July 31; on campus testing is available July 31, 3-7pm in the Kennedy Auditorium.

- A proctored, pencil-and-paper final exam (2 hours) taken August 15 or August 16; on-campus testing is available August 16, 3-7pm in the Kennedy Auditorium.

- Reading the textbook and learning modules is essential to the learning process and is expected.

- Working homework problems from the textbook is essential to the learning process and is expected. Homework is collected for grading. Scan handwritten pages and upload them to D2L Dropboxes. Discussion board posts regarding homework problems are required.

- Discussion board posts (required/graded) on mathematical concepts or class activities from the required textbook are an important learning tool and should be completed by each student. You are encouraged to work together and discuss these activities. Content covered within the class activities will be assessed/tested. Students are required to participate in discussion board posts about class activities although the class activity work is not otherwise graded.

- Non-textbook assignments provided by the instructor, covering mathematical concepts, classroom connections, and teaching and learning standards. These are short writing assignments submitted online through D2L Dropboxes.

- Midterm exam corrections, in which you rework any exam questions for which you lost credit. Errors should also be classified according to the instructor’s criteria. This assignment should be submitted in writing scanning handwritten pages and may be returned to you for editing. Credit for this assignment will not be awarded until all errors are completely corrected. This assignment is classified as “online work” and will not alter your exam grade.

### Grading and Exams

There will be two 2 hour exams during the semester. For each exam, you may choose to either take it on SFA campus on the date and time specified in the Course Timeline or you may choose to take it with a proctor (that you have made arrangements with) on the exam day(s) listed below. Your course grade will be determined as follows:

<table>
<thead>
<tr>
<th>Component</th>
<th>Date</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Online Work</td>
<td>Written homework problems submitted online, additional dropbox assignments, D2L quizzes, exam corrections</td>
<td>30%</td>
</tr>
<tr>
<td>Discussions</td>
<td>Required/graded discussion board posts on mathematical and teaching topics</td>
<td>10%</td>
</tr>
<tr>
<td>Midterm Exam</td>
<td>July 30-31, on-campus proctoring</td>
<td>30%</td>
</tr>
<tr>
<td></td>
<td>July 31, 3-7pm, Kennedy Auditorium</td>
<td></td>
</tr>
<tr>
<td>Final Exam</td>
<td>August 15-16, on-campus proctoring</td>
<td>30%</td>
</tr>
<tr>
<td></td>
<td>August 16, 3-7pm, Kennedy Auditorium</td>
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</tbody>
</table>

Semester numerical scores will be converted into letter grades according to the following method.

<table>
<thead>
<tr>
<th>Range of numerical values</th>
<th>Corresponding Letter</th>
</tr>
</thead>
<tbody>
<tr>
<td>90-100</td>
<td>A</td>
</tr>
<tr>
<td>80-89</td>
<td>B</td>
</tr>
<tr>
<td>70-79</td>
<td>C</td>
</tr>
<tr>
<td>60-69</td>
<td>D</td>
</tr>
<tr>
<td>0-59</td>
<td>F</td>
</tr>
</tbody>
</table>

When I calculate your final grade at the end of the course, I will calculate a score on a 0-100 point scale using the scores that you have obtained during the course, and the grade breakdown given above. Your course grade will then be obtained using this table. 

*Due to the pace of a summer course, we will have only two exams and there is NO resurrection policy.*
Attendance Policy

- You should logon to the D2L system daily to post to discussion boards and to check for email messages, announcements, and updates sanctioned excuse
- Exam make-ups must be approved beforehand with documentation of a valid university sanctioned excuse
- Late work is not accepted
- Bring identification to all exams
- The university’s Attendance and Excused Absences Policy can be found at http://www.sfasu.edu/policies/class_attendance_excused_abs.asp

Making Your Homework Easy to Read and Easy to Grade

- Make sure your handwriting is legible.
- In the upper right-hand corner you should write (in this order)
  - Your name
  - MTH 128.500
  - Section and problem number
  - The due date of the homework
- Problems should be clearly labeled and numbered on the left side of the page. There should also be a visible separation between problems.
- To ensure that each problem is graded, problems and solutions should be written in the order that they are assigned.
- It is good practice to first work out the solutions to homework problems on scratch paper, and then to neatly write up your solutions. This will help you turn in a clean finished product.
- You should write up your solutions by yourself. You should always acknowledge any help received at the top of the assignment or in the right-hand margin.
- Individual and group help is available at the Academic Assistance and Resource Center, which is located on the first floor of the Steen Library.
- Take advantage of the instructor by emailing questions or setting up an appointment for a meeting.

The following is an excerpt from SFA Policy 5.4:

The federal definition of a credit hour is an amount of work represented in intended learning outcomes and verified by evidence of student achievement that is an institutionally established equivalency that reasonably approximates:

1. Not less than one hour of classroom or direct faculty instruction and a minimum of two hours out-of-class student work each week for approximately fifteen weeks for one semester or trimester hour of credit, or 10 to 12 weeks for one quarter hour of credit, or the equivalent amount of work over a different amount of time, or;
2. At least an equivalent amount of work as outlined in item 1 above for other academic activities as established by the institution including laboratory work, internships, practica, studio work, and other academic work leading to the award of credit hours.

To this end, all students in courses offered by the Department of Mathematics and Statistics that wish to be successful should plan to spend a minimum of two hours outside of class for every credit hour associated with this course. Expected activities to be completed in the time outside of class include reviewing notes from previous class meetings, reading assigned course resources, completing all assigned exercises and projects, and performing periodic assessment preparation.

See http://www2.sfasu.edu/math/docs/syllabi/MTH127Syllabus.pdf for elements common to all sections.