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Office: Math 333
Phone: 936-468-1591

Class meeting time and place:
- Section 001 – MWF 9:00-9:50 – Math 209
- Section 004 – MWF 12:00-12:50 – Math 209

Office Hours:
The hours have been set aside specifically to help students.
Monday, Wednesday, and Friday 10:00-11:45
Additional times are available by appointment

Course Description:
Math 128 will include elementary concepts of geometry and measurement, probability, and statistics with an emphasis on problem solving and critical thinking. For a more detailed course description, go to http://www2.sfasu.edu/math/courses/syllabi/MTH128Syllabus.pdf

Course Prerequisites:
MTH 127 or the equivalent.

Course Goals
- To understand the mathematics essential to successful teaching in the elementary school classroom.
- To acquire a foundation in geometry, statistics, probability, and counting.
- To gain skill in problem solving and critical thinking.

Learning Objectives
Upon successfully completing Math 128, you should have acquired a solid foundation of the following topics and be able to move directly into Concepts and Applications (Math 129) if you wish to pursue more mathematics for teaching courses.
- Geometric figures: definitions, properties, and relationships
- Geometry and measurement
- Geometry of congruence, similarity, and transformations
- Statistics

Text and Materials:
The textbook is Mathematics for Elementary Teachers with Activities, Fourth Edition, by Sybilla Beckmann. Chapters 10 through 15 will be covered in this course.

Online homework will be required using My Math Lab at www.mymathlab.com. You can use the same account from MTH 127, but when setting up your MTH 128 course, use the following course ID:
- Section 001 (MWF 9:00) – dosser36825
- Section 002 (MWF 10:00) – dosser54095

Fill-in-the-blank notes/outlines will be posted on d2l for each section that we cover. You are responsible for printing them, filling them in (by reading the textbook) and bringing them to class.

You will need a calculator for this class. A scientific calculator will be sufficient. The calculator function of a cell phone will not be permitted during tests or quizzes.

You will also need a protractor and a compass.
Course Requirements:
There will be three exams and a final exam. They are tentatively scheduled as follows:
- Exam 1 – Friday, February 12
- Exam 2 – Friday, March 11
- Exam 3 – Friday, April 22
- Final Exam – Monday, May 9, 6:45-8:45pm in Kennedy Auditorium

The final examination for all Math 128 classes will be on Monday, May 9, from 6:45-8:45 pm in Kennedy Auditorium. If you have an exam in another course that conflicts with this time, contact your instructor no later than Monday, May 2 in order that a different time (on May 9) can be arranged for your Math 128 final examination.

The final exam is comprehensive. Your final exam grade can be used to replace a low or missing exam grade. Therefore, there will be no make-up exams. If you miss an exam, your final exam grade will be substituted in place of the missing exam grade.

Grading Policy:
Your final grade will be determined as follows:

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<thead>
<tr>
<th>Percentage</th>
<th>Grade</th>
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<tbody>
<tr>
<td>20%</td>
<td>Daily Average</td>
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<tr>
<td>60%</td>
<td>Tests (3 @ 20% each)</td>
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<tr>
<td>20%</td>
<td>Comprehensive Final Exam</td>
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<tr>
<td>100%</td>
<td>Final Course Grade</td>
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20% of your grade will be determined by your daily average. This will include in-class activities, participation, worksheets, quizzes, homework assignments, My Math Lab, etc. In-class activities, worksheets, and quizzes cannot be made up. Homework and My Math Lab assignments will not be accepted late. However, I will drop one or two of the daily grades at the end of the semester.

Course Calendar:
This is a tentative calendar of the topics covered and when they will be covered.

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<thead>
<tr>
<th>Week</th>
<th>Topic</th>
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<th>Topic</th>
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<tbody>
<tr>
<td>1</td>
<td>Introduction</td>
<td>2</td>
<td>10.4 Circles and Spheres</td>
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<td></td>
<td>10.1 Visualization</td>
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<td>10.5 Triangles, Quadrilaterals and Other Polygons</td>
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<td>10.2 Angles</td>
<td>3</td>
<td>11.4 Converting from One Unit of Measurement to Another</td>
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<td></td>
<td></td>
<td></td>
<td>Exam 1: Chapters 10 and 11</td>
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<td>3</td>
<td>11.1 Fundamentals of Measurement</td>
<td>4</td>
<td>12.3 Areas of Triangles</td>
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<td>11.2 Length, Area, Volume, and Dimension</td>
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<td>12.4 Areas of Parallelograms and Other Polygons</td>
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<td>5</td>
<td>12.1 Areas of Rectangles Revisited</td>
<td>6</td>
<td>12.8 Contrasting and Relating the Perimeter and Area of Shapes</td>
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<td>12.2 Moving and Additivity Principles About Area</td>
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<td>Exam 2: Chapter 12</td>
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<td>7</td>
<td>12.6 Areas of Circles and the Number Pi</td>
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<td>12.7 Approximating Areas of Irregular Shapes</td>
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<td>SB</td>
<td>Spring Break</td>
<td>9</td>
<td>13.1 Polyhedra and Other Solid Shapes</td>
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<td>13.2 Patterns and Surface Area</td>
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<td>Easter Holidays</td>
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<tr>
<td>10</td>
<td>Easter Holidays</td>
<td>11</td>
<td>14.1 Reflections, Translations, and Rotations</td>
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<td>13.3 Volumes of Solid Shapes</td>
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<td>14.2 Symmetry</td>
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<td>14.3 Congruence</td>
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Attendance Policy:
Attendance is expected and recorded for all students. Attendance will not be formally factored into your course grade, however, missing in-class activities, quizzes, etc, could lower your daily average. Also, missing classes will significantly reduce the instruction you receive, and will therefore naturally decrease your semester grade.

You must make a commitment to attend every class, to arrive on time and to stay the entire time. Bring all necessary materials to each class, be attentive to the task at hand, take notes, and be prepared to participate in class discussions and activities. You must make an additional commitment of doing work outside of class - one to two hours every day. Most importantly, ask for help when you need it.

Supplemental Instruction (SI):
Bethany Miller will hold SI study sessions this semester. Dates and times will be announced.

Additional Help:
Free tutoring is available from the AARC. They offer one-on-one peer tutoring and the Math Walk-in Table. The hours for the Walk-in Table are 1pm to 8pm Monday through Thursday as well as 4pm to 8pm on Sundays. Sign-ups for one-on-one tutoring begin soon. It is a first-come, first-serve basis so you may want to register early. If you need help signing up, the AARC staff (first floor of library, right-hand side) will be happy to assist. You can find more information on the AARC website, www.sfasu.edu/aarc.

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). 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.

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/.
Academic Integrity (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.

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/academic_integrity.asp

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.