Instructor: Chance Bradford  
Office: Math 326

Email: bradfordwc@sfasu.edu (preferred method of contact)

Office Phone: 936-468-7026  
Math Department Phone: 936-468-3805

Class meeting time and room: TR 11:00 – 12:15 in Math 216

Final Exam day and time: Tuesday, May 5 10:45 AM – 1:15 PM  
No exceptions!

Office Hours: These hours have been set aside specifically to help students:
MTWR 1:00 - 3:00  
Available other times by appointment, just email me to set up a time.

Required Materials
  - There are two approved versions of the text:
    - Second Custom soft-cover edition for SFASU (bundled with MyMathLab Access) (~$137)
    - eBook (bundled with MyMathLabAccess): (~$104)
- MyMathLab Account: All of your homework is done through the MyMathLab (MML) website by Pearson. A code for an account can be found bundled with a new textbook, online at the MML website, or at local bookstores (with eBook access).
  - MyLab Math website: https://www.pearsonmylabandmastering.com/northamerica/
  - Course ID: bradford27131
- Calculator: The recommended calculator is TI-30XS (under $20). Other calculator recommendations include TI-30X IIS, or TI-34 Multiview. Simple graphing calculators are allowed, but you must allow me to delete the memory before exams. Calculators equivalent to a TI-89 or higher are not allowed. Calculators on phones, computers, tablets, etc. are not allowed. Students are responsible for learning how to operate their calculators. Students may not share calculators during exams.
- Notebook paper, folder, pencils

Tutoring: The AARC (Academic Assistance and Resource Center) provides tutoring and mentoring services. It is located on the first floor of Steen Library on the right side in the lobby.
- Walk-in table (no appointment needed) is available during the following hours:
  - MTWR 1:00 PM - 8:00 PM
  - Sun. 3:00 PM - 7:00 PM
- Learning Teams and 1-on-1 tutoring are also available, but you need to register for these services during one of the following times:
  - 11 a.m. to 6 p.m. on Jan. 22 and 23
  - Noon to 5 p.m. on Feb. 19 and 20
  - 1 to 4 p.m. on March 25 and 26

For more information, visit the AARC webpage (http://library.sfasu.edu/aarc/).
Grading Policy

<table>
<thead>
<tr>
<th>Final Grade Components</th>
<th>Course Grade</th>
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<tbody>
<tr>
<td>10% Daily Grade (attendance, quizzes, class activities)</td>
<td>90%-100%</td>
</tr>
<tr>
<td>10% MyMathLab Homework</td>
<td>80%-89%</td>
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<tr>
<td>60% Exams (3 exams at 20% each)</td>
<td>70%-79%</td>
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<tr>
<td>20% Final Exam (Comprehensive)</td>
<td>60%-69%</td>
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<tr>
<td>&lt; 60%</td>
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Attendance Policy

- Regular attendance is expected and necessary for your success. The SFA attendance policy is available at the following link: [www.sfasu.edu/policies/class-attendance-6.7.pdf](http://www.sfasu.edu/policies/class-attendance-6.7.pdf).
- Students who are tardy, don’t participate, or engage in off-task behavior (cell phone, sleep, work on different class, etc.) may be marked absent and asked to leave. You should attend class with the intention of learning, not just to be physically present.
- If you must be absent from class, submit a notification of absence through the Office of Community Standards, [http://www.sfasu.edu/judicial/](http://www.sfasu.edu/judicial/) to be excused from class and all in-class quizzes/activities for the dates on the notification. The direct link for the absence notification is [https://cm.maxient.com/reportingform.php?SFAStateUniv&layout_id=5](https://cm.maxient.com/reportingform.php?SFAStateUniv&layout_id=5).
  
  **Note:** an absence notification does not excuse a student from an exam or online homework assignments.

MyMathLab Homework: Each textbook section covered in this course has a corresponding homework assignment on MyMathLab. Each assignment consists of 10-20 questions, and students have three attempts at the correct answer per question. Generally, the due date for all homework assignments covered in a particular week will be **Tuesday of the following week, at 11:59 PM, but there are some exceptions to this rule.** Check the calendar on MyMathLab frequently for due dates.

Makeup Policy

- **Quizzes**: If you miss a quiz, you will receive a grade of 0. There are no make-up quizzes. At the end of the semester, I will drop your lowest 3 quiz grades.
- **Exams**: If you miss an exam, you will receive a grade of 0. There are no retests. **If you pass the final exam, your lowest regular exam grade will be replaced by your final exam grade.** Only one regular exam grade can be replaced. For example, if a student misses two regular exams, one of the scores will be an irreplaceable zero.

General Policies and Information

- When you enter the classroom, please remove your notebook, pencils, calculator, etc from your bag, then place your bag (including your silenced phone) on the floor. Our goal is zero distractions during lecture.
- Group work is generally a noisy affair, please keep in mind the other groups (and other classrooms) and keep your talking to a reasonable volume.
- I want to create a relaxed classroom environment, where students feel comfortable asking questions. You should always feel free to stop me during lecture to ask for clarification on some concept that is confusing you; there are no dumb questions. Students who disrespect or belittle their classmates will be asked to leave.
- I will regularly give announcements and post grades in D2L. Make sure you have configured your personal D2L settings so you receive these notifications on your phone.

Time Commitment

**SFASU 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, practice, 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 at least 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.

Additional Course Information: See [http://www2.sfasu.edu/math/docs/syllabi/MTH110Syllabus.pdf](http://www2.sfasu.edu/math/docs/syllabi/MTH110Syllabus.pdf).

Calendar: The following calendar is tentative and subject to change with notification from your instructor. If you miss a class, be sure to contact your teacher or a classmate for the assignment.

### MTH 110 Tentative course schedule

<table>
<thead>
<tr>
<th>Week of . . .</th>
<th>Topic</th>
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| Jan 15 - 17  | Course Introduction  
              | 2.1 Sets  
              | 2.2 Subsets |
| Jan 20 - 24  | Holiday (Martin Luther King Jr.)  
              | 2.3 Venn Diagrams  
              | 2.4 Set Equality |
| Jan 27 - 31  | 2.5 Application of Sets  
              | 3.1 Statements and Logical Connectives  
              | 3.2 Truth Tables I |
| Feb 3 - 7    | 3.3 Truth Tables II  
              | 3.4 Equivalent Statements Review  
              | 3.5 Symbolic Arguments |
| Feb 10 - 14  | 3.6 Euler Diagrams/Syllogistic Arguments Review  
              **Exam 1: Chapters 2 and 3** |
| Feb 17 - 21  | 10.1 Percent  
              | 10.2 Personal Loans and Simple Interest  
              | 10.3 Compound Interest |
| Feb 24 - 28  | 10.4 Installment Buying  
              | 10.5 Mortgages  
              | 10.6 Annuities and Sinking Funds |
| Mar 2 - 6    | Catch-up  
              | Review  
              **Exam 2: Chapter 10** |
| Mar 9 - 13   | Spring Break |
| Mar 16 - 20  | 11.1 Empirical and Theoretical Probability  
              | 11.3 Expected Value  
<pre><code>          | 11.4 Tree Diagrams |
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<table>
<thead>
<tr>
<th>Date Range</th>
<th>Topics</th>
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| Mar 23 - 27         | 11.5 OR and AND Probability  
|                     | 11.6 Conditional Probability  
|                     | 11.7 Counting Principle/Permutations                                    |
| Mar 30 – Apr 3      | 11.8 Combinations  
|                     | 11.9 Probability and Combinations  
|                     | Catch-up/ Practice                                                     |
| Apr 6 -10           | Review  
|                     | **Exam 3: Chapter 11**                                                 |
|                     | Holiday (Easter)                                                       |
| Apr 13 - 17         | 12.1 Sampling and Misuses of Statistics  
|                     | 12.2 Frequency Distribution and Graphs  
|                     | 12.3 Measures of Central Tendency                                       |
| Apr 20 - 24         | 12.4 Measures of Dispersion  
|                     | 12.5 The Normal Curve                                                 |
|                     | Review for final                                                       |
| Apr 27 – May 1      | 1.3 Problem Solving                                                   |
|                     | Review for final                                                       |
| May 4 - 8           | **FINAL EXAM**, comprehensive and mandatory                             |