Math 10 – Statistics  
Sample Syllabus

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Required Material

Text: **Elementary Statistics** by Allan G. Bluman, (See ‘Book Info’ in Class Schedule for edition.)  
(Student Solution Manual is recommended, but not the Study Guide.)

Calculator: **Casio fx-300MS** (Everyone must have this calculator by the second class meeting.)

Student Learning Outcomes

Students who successfully complete Math 10 will be able to:
1. demonstrate mastery of the computational skills necessary to solve problems whose difficulty level is appropriate for a transfer-level class.
2. demonstrate the ability to use statistical methods to test hypotheses involving real-world scenarios.
3. demonstrate an understanding of and ability to use the standard normal curve in analyzing appropriate data sets.

Class Structure

Each day we will use up to the first 30 minutes of class to answer quick questions regarding the previous day’s homework. This will be followed by a 10 minute quiz and then a 10 minute break. We then will lecture for 55-60 minutes, take a 10 minute break, and then lecture for another 55-60 minutes.

Homework and Quizzes

Homework will be assigned every day but will not be turned in. Instead, there will be a quiz (taken individually) almost every day (10 points each) covering a sample of exact problems from the homework. Your best 10 quizzes (the best 5 from before the midterm and the best 5 from after the midterm) will count as 1/3 of your grade.

Group Study and Extra Credit on Quizzes

Each student is encouraged to form a study group consisting of at least 3 people. Each person in the group will receive a bonus point on any individual quiz in which the group quiz average is a 9 or above. This is well worth doing as your quizzes are 1/3 of your grade.

Exams and Grading

There will be a midterm and a final. The grading is as follows:

<table>
<thead>
<tr>
<th>Component</th>
<th>Points</th>
</tr>
</thead>
<tbody>
<tr>
<td>Quizzes</td>
<td>100</td>
</tr>
<tr>
<td>Midterm</td>
<td>100</td>
</tr>
<tr>
<td>Final</td>
<td>100</td>
</tr>
</tbody>
</table>

Exam Policy

No breaks of any kind allowed during exams. Use the bathroom before the exam. Also, if you are late for the exam and someone else has already finished, you will not be allowed to take the exam and thus will receive a zero on it.

Tutoring at the LRC – Learning Resource Center
The LRC is a wonderful program set up by the college to offer tutoring to students in many areas. It is FREE!! There are many excellent tutors in mathematics. If at times you find you are having a particularly hard time with a certain subject, please feel free to stop by. For hours of operation, please go to their website.

Office Hour Visits

Please remember that your instructor’s time is valuable. It is very important that you are prepared before any office hour visit. If you are having problems with the homework, please do the following before going to office hours: 1) Read the book and follow any pertinent examples, 2) contact your study group or a friend in the class, 3) go to LAP and get assistance from a tutor, 4) if it is just a quick question, save it for the beginning of the next class.

Make-Up Policy

If you miss class, it is your responsibility to obtain notes, homework, etc. from someone in class. It is also your responsibility to learn on your own any material missed.

There are no make-ups on quizzes since you get to drop several.

If an exam is missed, no matter what the reason, you automatically lose 20%. An additional 10% will be deducted for every week thereafter until the exam is made-up.

Absences and Tardies

You get 2 absences. On the third absence you may be dropped while still allowed by the college. Two tardies count as one absence and leaving class early counts as an absence.

General Class Conduct

1) Don’t talk in class! If you can’t control this you will be asked to move seats or drop the class.
2) Be prepared for class. If you haven’t done the previous homework, don’t hold up the class by asking questions.
3) Respect your peers. It’s our differences that make us interesting.
4) Turn cell phones off before lecture starts.

Special Services (This applies only to students enrolled in the college program.)

If you are a member of this program and will require testing different from the rest of the class, you must notify me by the end of the first week of classes. All exams must be taken at the same time and day as the rest of the class and will be administered in the Science/Math building. Only in cases where a reader or similar is required will a student be allowed to take an exam elsewhere. Quizzes must be taken with the class or during the 30 minute review time plus 10 minute quiz time in which a different room will be provided.