MATH 116-02 Elementary Statistics

Jack Butz

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MATH 116-02, ELEMENTARY STATISTICS

Spring Term Jan. 13-May 9 HAILSTONES 17 1:00-1:50 PM MWF
Final Exam, Friday, May 9, 12-1:50 PM
Exam Review Study Day, May 5, 10:00-11:00 AM
No Classes: Jan. 20, Mar. 3-7, Apr. 17-21

Instructor Jack Butz Office Hinkle Hall 131 Phone 745-3516
Email butzj1@xavier.edu ML 4441
Office Hours Tues./Thur. 12:00-2:00 PM
Mon./Wed. 9:00-11:00 PM
By appointment also

Textbook Intro Stats, Deveaux, Velleman, Bock, 3rd edition

Calculator Each student must have a TI 83 or 84 calculator. These are the
only ones that may be used on tests. Learn how to use it.

Grading

<table>
<thead>
<tr>
<th>Grade</th>
<th>Range</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>96-100</td>
<td>The grade is determined as follows:</td>
</tr>
<tr>
<td>A-</td>
<td>93-95</td>
<td>Test Average 80% (20% per test)</td>
</tr>
<tr>
<td>B+</td>
<td>90-92</td>
<td>Final Exam 20%</td>
</tr>
<tr>
<td>B</td>
<td>87-89</td>
<td></td>
</tr>
<tr>
<td>B-</td>
<td>84-86</td>
<td></td>
</tr>
<tr>
<td>C+</td>
<td>81-83</td>
<td>For you “to earn credit….the student is required</td>
</tr>
<tr>
<td>C</td>
<td>78-80</td>
<td>to attend classroom and laboratory exercises</td>
</tr>
<tr>
<td>C-</td>
<td>75-77</td>
<td>regularly and promptly.” You are allowed</td>
</tr>
<tr>
<td>D+</td>
<td>72-74</td>
<td>three unexcused absences.</td>
</tr>
<tr>
<td>D</td>
<td>69-71</td>
<td>Attendance will be taken and used in determining</td>
</tr>
<tr>
<td>D-</td>
<td>66-68</td>
<td>final grades. Absences exceeding three will result</td>
</tr>
<tr>
<td>F</td>
<td>00-65</td>
<td>in a full letter reduction of the final grade</td>
</tr>
</tbody>
</table>

Tests Feb. 14, Mar. 21, Apr. 11, Apr. 25, Final Exam, May 9 (see above)
Except for the exam, these dates are tentative and could change.
Hats and hoods must be removed during a test or the final exam.
Taking an exam on a different date requires permission from the
Department Chair and Dean of A&S.

Objectives From the XU Catalog: The Xavier University admission requirement of
two units of high school mathematics is assumed (my emphasis) for all mathematics courses.
ELEMENTARY STATISTICS 3 cr.hrs. Topics covered: description of sample data, simple
probability, theoretical distributions, tests of hypotheses, correlation, regression.

Learning Goals This course fulfills core curriculum requirements.
**Test Makeup**

The instructor does not routinely give make-up tests. If you miss one test, then the final examination becomes 40% of your final grade. Any missed tests beyond one will result in a grade of zero for that test. Missing the final test will result in a grade of zero on that test. A medical emergency, funerals and the like are judged on a case-by-case basis. You will need extensive documentation to receive a make-up test/exam. If you are an athlete, I need your official schedule form. You do not have the option of dropping the lowest test grade.

**MATERIAL TO BE COVERED**

Material will include but not necessarily be limited to the following chapters—1-9, 11-25. Homework is assigned “as we go.” Surprise Homework Quizzes (SHQs) will be given as a means of grade enhancement. An explanation of how they are graded and how they apply to your final grade will be given to you.

**Addendum**

The instructor reserves the right to modify or change dates, procedures, etc. at any time except for items under “grading.” Usually changes will be given to you at the beginning of class along with most announcements. That is why it is important for you to attend class and be on time.

**Classroom Etiquette And Procedures**

Cell phones should be turned OFF before your class begins. If you leave class to take a call, you need not bother returning. Your professor does not take kindly to your sending or receiving text messages during class or listening to music. Do not offend him, lest he asks you to leave the classroom and charges you with an unexcused absence. Be on time for class. Kindly clean up after yourself—bottles, paper, cups, etc. Do not get up to leave class during the lecture unless you have cleared leaving with Prof. Butz or you experience sudden illness. Otherwise you will be charged with an unexcused absence. Laptop computers are not permitted unless you have documentation from the LAC that you are legally entitled to one as an accommodation.

**Academic Dishonesty**

Student Academic Dishonesty (SAD), aka cheating, will be reported to the Dean of Arts & Sciences. SAD includes but is not limited to the unauthorized use of notes, cheat sheets, cell phones, items stored in the memory of the TI-83/4, and the like. Such behavior will result in an automatic zero for that test/exam and your referral to the Dean.