2013

MATH 156-02 General Statistics

Jack Butz
butzj1@xavier.edu

Follow this and additional works at: http://www.exhibit.xavier.edu/mathematics_syllabi_spring_2013

Recommended Citation
http://www.exhibit.xavier.edu/mathematics_syllabi_spring_2013/11

This Restricted-Access Syllabus is brought to you for free and open access by the Mathematics Syllabi 2013 at Exhibit. It has been accepted for inclusion in Mathematics Syllabi Spring 2013 by an authorized administrator of Exhibit. For more information, please contact exhibit@xavier.edu.
MATH 156-02, GENERAL STATISTICS

Spring Term       Jan. 7-Apr. 26     ROOM TBA  8:30-9:45 AM   TR

Final Exam, Tuesday, Apr. 30, 8:30-10:20 AM
Exam Review Study Day, Apr. 29, 10:00-11:00 AM
No Classes: Jan. 21, Feb. 25-Mar 1, Mar.28-Apr. 1

Instructor        Jack Butz     Office Hinkle Hall 131     Phone 745-3516
                  Email butzjl@xavier.edu  ML 4441
                  Office Hours: Wednesday 1:30-3:30 PM
                  Thursday  12:30-3:00 PM
                  By appointment also

Textbook        Stats, Data and Models, 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>Component</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>96-100</td>
<td>Test Average 80% (20% per test)</td>
</tr>
<tr>
<td>A-</td>
<td>93-95</td>
<td>Final Exam 20%</td>
</tr>
<tr>
<td>B+</td>
<td>90-92</td>
<td></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></td>
</tr>
<tr>
<td>C</td>
<td>78-80</td>
<td></td>
</tr>
<tr>
<td>C-</td>
<td>75-77</td>
<td></td>
</tr>
<tr>
<td>D+</td>
<td>72-74</td>
<td></td>
</tr>
<tr>
<td>D</td>
<td>69-71</td>
<td></td>
</tr>
<tr>
<td>D-</td>
<td>66-68</td>
<td></td>
</tr>
<tr>
<td>F</td>
<td>00-65</td>
<td></td>
</tr>
</tbody>
</table>

The grade is determined as follows:

For you “to earn credit….the student is required to attend classroom and laboratory exercises regularly and promptly.” (Handbook) You are permitted three unexcused absences.

Attendance will be taken and used in determining final grades. Unexcused absences exceeding three will lower the final grade one full letter.

Tests:  

Jan. 31, Feb. 22, Mar. 26, Apr. 23, Final Exam, Apr. 30 (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.

GENERAL STATISTICS 3 cr.hrs. Topics covered: description of sample data, simple probability, theoretical distributions, tests of hypotheses, correlation, regression, random variables.
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.

MATERIAL TO BE COVERED
Material will include but not necessarily be limited to the following chapters—1-9, 11-26. Homework is assigned “as we go.” Surprise Homework Quizzes (SHQs) will be given as a means of grade enhancement. Handouts will be given to you now and then.

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
Cell phones should be turned OFF before the class begins. If you leave class to take a call, you need not bother returning. Your professor does not look kindly on the sending or receiving of text messages during class. Do not offend him, lest he confiscate your phone or ask you to leave the classroom. 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.

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.

The instructor reserves the right to inspect your TI-83/4 during a test/exam for any reason at any time. Anything stored in memory that is deemed inappropriate by the instructor will be deleted.