

## **STAT 480 (Summer 2005) – Course Syllabus**

**Instructor:** Derek Young, 333 Thomas Bldg., 863-3374, [dsy109@stat.psu.edu](mailto:dsy109@stat.psu.edu).

**T.A.:** Shu-Min Liao, 301 Thomas Bldg., 863-2314, [sl340@psu.edu](mailto:sl340@psu.edu).

**Meeting Times:** Tuesdays and Thursdays, 12:45 p.m. – 2:00 p.m. in 006 Life Sciences.

**Office Hours:** I have found that for the past summers I have taught this course, office hours are typically not needed. However, I have a fairly flexible schedule this summer, so feel free to make an appointment with me if you need to discuss anything. Also, there will be time at the end of each period for you to speak with me regarding any of your concerns.

**Text (Optional):** *Applied Statistics and the SAS Programming Language*, Fourth edition, Ronald Cody and Jeffrey Smith, Prentice Hall, 1997.

**Goals:** This course is designed to develop general statistical programming skills using the SAS language. SAS works identically on numerous operating systems.

**Academic Integrity:** The academic integrity policy of the Eberly College of Science will apply to this course. See [www.science.psu.edu/Integrity/index.html](http://www.science.psu.edu/Integrity/index.html).

**Course Website:** All of the material needed for this course will be posted on ANGEL ([www.angel.psu.edu](http://www.angel.psu.edu)). However, the instructor for this course during the spring and fall semesters is starting to put together this same material into a nicer presentation. You may refer to <http://www.stat.psu.edu/~jglenn/stat480/index.html> as an additional reference. Since we are using ANGEL and university computers, all students are **required** to have an activated Access Account from the university.

**Grading Scheme and Breakdown:** The following grading scheme will be administered. The T.A. will be grading all of the material you will turn in. If you have a question regarding the grading of anything, you can speak with either me or the T.A.

A :	900.00 - 1000.00
A-:	860.00 - 899.99
B+:	820.00 - 859.99
B :	780.00 - 819.99
B-:	740.00 - 779.99
C+:	700.00 - 739.99
C :	640.00 - 699.99
D :	600.00 - 639.99
F :	Below 600.00

Homework Assignments (4):	30% (300 points or 75 points per assignment)
Midterm Examination:	30% (300 points)
Final Examination:	40% (400 points)

**Homework:** There will be 4 homework assignments throughout the semester. Each assignment will require you to turn in:

1. SAS Code
2. SAS Output
3. Answers

All material for the homework assignments **must** be typed. Please **do not** handwrite in your answers on your homework. In order to cut down on the amount of paper you turn in, you may copy your SAS output into a Word Document (or whatever program you prefer) and downsize the font. Also, please remember to staple your homework before you turn it in out of courtesy for the T.A. You are encouraged to work with one another on the homework assignments, but you **must** turn in your own work. The due dates are noted on the calendar and the assignments will be due by the **beginning** of the noted class period.

**Exams:** This course will have a midterm examination and a final examination. Both exams are take-home and will be due by the noted date on the calendar. On the days I hand out the exams, I will give you that entire class period to work on the exam. You are not required to turn it in until the **beginning** of the following class period. While I encourage you to work together on homework assignments, you **may not** confer with anyone, other than myself, regarding the examinations. The format for the exams is similar to the homework. The midterm will cover the first 5 lectures and the final will be cumulative.

**Lectures:** There will be 10 lectures (as noted on the calendar) throughout the semester. All homework assignments and exam questions will be centered around the content of the lectures. All of the necessary material for these lectures will be posted on ANGEL. I have restructured my lecture slides somewhat. I suggest you print out the lectures and bring them to class because we will be doing a fair amount of SAS demonstrations in lecture. By bringing the lectures, you will not have to toggle between PowerPoint and SAS. The recommended text is a good supplement to the material, but I will not follow the text closely.