Applied Linear Regression, 225:152
Fall 2001

1 General Information

Instructor:        Katie Conley, 374 SH, 335-0727
                  kconley@stat.uic.edu

Office hours:     T 12:30 - 2:30 p.m.,
                  W 12:30 - 1:30 p.m.,
                  Th 11:00 - 11:50 a.m.,
Please feel free to make appointments to see me outside of office hours,
and to send me questions by e-mail.

Department:      Statistics and Actuarial Science, 24 SH

DEO:             Luke Tierney 241 SH, 335 0712

Lectures:        M, W, F 8:30 - 9:30 15 SH

Lab:             Alternate F 8:30 - 9:20 4 SH

Web page:        http://www.stat.uic.edu/~kconley/s152_2001


Recommended
supplementary

http://www.stat.uic.edu/~kconley/s152_2001

Handouts, homework assignments, datasets, etc,
will be posted on the web page for you to download.

3.1 Evaluation of students

3.2 Projects

Students will work in groups of three to carry out projects involving application of the
statistical methods covered in the course to problems of their own choosing. I will be happy
to work with you at each stage of your project. Each group will:

- Formulate a research question
- Obtain a dataset that can be used to address this question; you may
collect your own data,
  obtain a dataset from the web, from a book, from an instructor in your major
  field, or from some other source, or
  see me for a choice of datasets
- determine an appropriate method of analysis
- use SAS to check the data
Projects will be carried out in three phases. Please meet with me at least once while you are working on each phase.

- Project proposal (due 11/01)
  This is a detailed description of what you plan to do, including question(s) to be addressed, dataset to be used, methods to be applied. Also specify the method of presentation that you intend for the final project. (See below.)

- Project interim report (due 11/19)
  This informal report will indicate that your project is “on track.” It will include results obtained thus far and a brief summary (hand written is O.K.) of what they mean and what remains to be done.

- Project presentation (papers must be posted or submitted by 12/06)
  Projects must be finalized in a form that can be shared with the entire class, such as:
  - posting a document on the course web page
  - preparing a poster
  - giving an oral presentation with overheads, slides, or computer images

Poster and oral presentations will be given in class during the final week of classes.

### 3.3 Exams

There will be three 1-hour midterm exams and one comprehensive 2-hour final. Students may bring one 8 1/2 x 11 in. sheet of paper with notes to each midterm, and 4 sheets to the final.

Missed exams may be made up only with documentation of reasons required by university policy (see “Late Homework” above).

**Exam dates and times:**

| Midterm 1 | Fri, 10/01 | in class |
| Midterm 2 | Fri, 10/19 | in class |
| Midterm 3 | Fri, 11/03 | in class |
| Final | Thurs, 12/16 | 7:30 a.m. |

### 3.4 Grading

The course components will be weighted as follows:

- Homework 10%
- Midterm 42% (14% each)
- Project 20%
- Final 28%

### 4 Additional information

#### 4.1 Resources for additional help

The office of the Department of Statistics and Actuarial Science maintains a list of private tutors.

#### 4.2 Students with disabilities

If you have a disability that may require some modification of seating, testing, etc., please let me know as soon as possible so that we can put in place what you need. Please see me after class or during my office hours.

#### 4.3 Student complaints concerning faculty actions

If you are unhappy with something I do, please try first to resolve it with me directly. If that is unsuccessful, the matter should be taken up with the Dean of Academic Affairs. Further procedures for actions regarding complaints are provided at [http://www.class.uiowa.edu/students/academic_handbook/ix.shtml](http://www.class.uiowa.edu/students/academic_handbook/ix.shtml).

#### 4.4 Academic misconduct

College of Liberal Arts and Science policies regarding academic misconduct (academic fraud, dishonesty, cheating, and forgery) can be found at [http://www.class.uiowa.edu/students/academic_handbook/ix.shtml](http://www.class.uiowa.edu/students/academic_handbook/ix.shtml).

#### 4.5 College administering this course

This course is given by the College of Liberal Arts and Sciences. This means that class policies on matters such as requirements, grading, and sanctions for academic dishonesty are governed by the College of Liberal Arts and Sciences. Students wishing to add or drop this course after the official deadline must receive the approval of the Dean of the College of Liberal Arts and Sciences. Details of the University policy of cross enrollments may be found at [http://www.uiowa.edu/Provost/docs/crossroll.doc](http://www.uiowa.edu/Provost/docs/crossroll.doc)
This is an approximate schedule. I will update it as needed during the semester.