**Professor:** James Bernhard  
**Course website:** math.ups.edu/~jbernhard  
**Office:** Thompson Hall 390G  
**Email address:** jbernhard@ups.edu (one of the fastest ways to reach me)  
**Phone number:** 879-3812 (one of the slowest ways to reach me)  
**Office hours:** TBA—check the course website

*Note:* The course website contains a complete calendar for the semester, as well as all homework assignments. Also, if you email me a password, you will be able to access your grade to date at any time during the semester. Your grade to date on the website is *not* an actual percentage, but a version of your overall score rescaled to fit a 90-80-70-60 curve. I will be happy to discuss your grade to date at a more detailed level at any time during the semester as well.

**Textbook and course materials:**  
The required text for this course is *Applied Regression Analysis and Generalized Linear Models (2nd edition)* by John Fox, and it is available at the campus bookstore. You may also find it handy at times to use a calculator or computer program such as the statistical program R, a freeware implementation of the statistical programming language S. While it will not be essential to have such a computational tool, it will certainly be convenient.

Also, I will expect your work to be word-processed on a computer, so if you are not already familiar with how to typeset mathematics (such as with LaTeX or Word’s Equation Editor, or any other such program), you will need to become familiar with this during the semester. I would be happy to help you with this, of course. You will not be graded on your typographical skills, but you will need to be able to use them to communicate successfully.

**Course content and structure:**  
We will cover approximately Chapters 5-10 of the text, along with some additional material (not in the text) later in the course on the geometry of linear models. Course work will consist of:

- Homework assignments approximately weekly, usually due in class on Wednesdays.
- Three take-home tests during the semester.
- A statistical project in lieu of final exam, due at the end of the semester.

There is *no* in-class final exam for this course.
**Policy on late work:**
Late work will not be accepted without an appropriate reason, if possible explained to me before the lateness occurs. If you are falling behind or need to turn something in late though, please see me so that we can discuss it.

**Academic honesty:**
You are encouraged to work with others (other students, myself, tutors, etc.) on homework assignments in any way that helps you understand the material, but the write-up that you turn in should be your own. The projects and presentations should represent your own work as well. For further information on such issues, please see the official University of Puget Sound policy on academic honesty, which is posted on the web at http://www.ups.edu/x4718.xml.

**Office hours:**
I will make a deliberate effort to be accessible to you outside of the usual classroom hours, as I find that working with students individually or in small groups helps to improve the quality of instruction that I can offer. I hope that you will utilize my office hours with whatever frequency and in whatever ways that may assist you in learning the course material. If you cannot attend my office hours but have course-related questions that you would like to ask me, please do not hesitate to set up an appointment with me for another time.

**Grading:**
Your grade will be based on my assessment of your understanding of the material. By default, I will weight the various components of the course as follows:

<table>
<thead>
<tr>
<th>Component</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>Homework assignments</td>
<td>25%</td>
</tr>
<tr>
<td>Test 1</td>
<td>15%</td>
</tr>
<tr>
<td>Test 2</td>
<td>20%</td>
</tr>
<tr>
<td>Test 3</td>
<td>20%</td>
</tr>
<tr>
<td>Project</td>
<td>20%</td>
</tr>
</tbody>
</table>

However, these weights are subject to change due to individual circumstances, and if you feel that any of the above components do not accurately reflect your understanding of the material, you should let me know. If there are particular circumstances involved, it can be helpful if you inform me of that as well. If for some reason the above components do not provide a satisfactory assessment of your understanding, then please see me, and we can work to come up with another way for you to demonstrate your understanding.

**Other:**
Please feel free to contact me with any other questions you have regarding the course. I look forward to an enjoyable class with you this semester!