The project is worth 10 points out of 100 for the course.

Three options are (you may suggest something else)

1. Conduct an experiment with two predictor variables each taking several values. Perform a regression analysis including model criticism.

2. Find an important multiple regression example in your major field. Reanalyze the data or update if possible.

3. Find an example of multiple regression that interests you. Find new data of the same type. You could use Statistical Abstract of the United States, etc. If data from official publication, we may try a couple of extra variables to see if they help.

   **Report** Describe your analysis. Report must be typed and about 3-5 pages in length with data, relevant output, and residual plots. You can attach more extensive output as an appendix but you need to extract important results and put in body of report.

   *All projects must be approved by Professor by April 5, 2004*