Data Analysis – Plan
Engineering Program

A. Collection of Data.
Each of the instructors of ENGR 1608 and ENGR 2605 will prepare a spreadsheet for each section of the course, showing the scores on each assessment question, by individual student (but not by name). Each spreadsheet will summarize these scores by averaging across students and across questions. The spreadsheets will be provided to the Chair of the Engineering Assessment Committee at approximately the same time as submission of grades to the Registrar.

B. Aggregation of Data.
The Chair of the Engineering Assessment Committee will aggregate the data across sections of each of the above courses and provide an overall average of the scores of the students in each course on each question, and the overall average of all students on all questions.

C. Analysis of Data.
The Engineering Assessment Committee will examine the aggregated data with a view toward each of the following issues:
   1. Does any pattern emerge with respect to any individual questions?
   2. What is the relationship of the results to the assessment criteria?
   3. Are any changes to the assessment process or the Engineering Program indicated?

D. Reporting of Data Analysis.
The Chair of the Engineering Assessment Committee will summarize the results of the data analysis and include this as a part of the report to the Vice President for Academic Affairs.