

Mat 1580 Group Final Project **Guidelines and Requirements**

1. The project emphasizes the cooperation within a group, computer usage, and preparation of a questionnaire, collecting data, summarizing the data and analyzing it. Finally, you are required to make inferences about the data, write a report and hand it to me, and present it in class in 10 – 15 minutes oral presentation.
2. Each student must write his/her level of involvement in the project. What exactly each member of the group has done should be very clear. Hours spent and percentage of work done for each member.
3. You may check sample presentations from my previous Statistics class that are reserved in the library.
4. Students must use technology to do their presentation. Suggestions are: Minitab, Power point, excel, or any useful technology.
5. Data collected: at least 30 data
6. Define your experimental units
7. Describe your sample
8. Type of sampling used: SRS, Systematic, Convenience, Stratified, or Cluster Sampling
9. Are you using a sample or the entire population?
10. Where will you obtain your data?
11. You must utilize in your project at least two Graphs (Chapter 2), and at least two of the following concepts: Hypothesis Testing, Confidence Intervals, Anova, and Regression
12. Each presentation must be rehearsed
13. **Deadline 1: Questionnaires of 10 – 15 questions are due to me on or before Monday June 12.**
14. **A copy of complete project is due on Monday June 19.**
15. Possible OCC related topics for your project: Library, IIC, Cafeteria, Best of Campuses, Tuition, Counseling, Financial aid, and registration. Other ideas are welcome.
16. Your Final Project must include both Descriptive and Inferential Statistics.