General Information

The purpose of the communications lab is to familiarize the student with the practical aspects of the basic concepts covered in EE 204 and EE 320.

Lab Policy

The student is asked to do the following:

1. To prepare for the Quiz that will be given by the instructor at beginning of the lab session. The Quiz will assess the student's understanding of the experiment subject and the effort that he put in the preparation. Generally, the Quiz questions will focus on two aspects: theory of the experiment and detail understanding of the block diagram of the experiment.

2. To fill lab data sheet. This sheet must include tables for all the data to be measured during the experiment. The student should not write on the sheet until he is sure that his measurements are final. The lab instructor will sign the data sheet at the end of the lab session. The student must include this data sheet with his final report.

3. To submit a final report that includes the following:
    - A cover page with complete information on the experiment title, date, student's name, student's number, the name of the instructor, the academic year and the group number.
    - The objective of the experiment, the main theory and block diagram of the experiment. The analysis of the results with appropriate comments on each graph drawn. Graph should be drawn neatly, with titles, symbolized curves, and the scale of the measurement.
    - The conclusion of the experiment which summarizes the main results.

Lab Evaluation

1. Quiz	10%
2. Final Report	50%
3. Lab Performance	10%
4. Final Exam	30%

Lab Rules

1. Students will be assigned in groups during the first lab session and must remain the same for all lab sessions.

2. No make-up labs. If student is absent, he will be graded zero in quiz and final report unless reasonable excuse is given.

3. Final report must be submitted at the next lab session. Late reports will not be accepted.

4. No final report will be graded without attaching the data sheet dully signed by the instructor.

5. Final report will be graded as follows:
   - Objective of the experiment, theory, and block diagram 20%
   - Results, analysis, and comments 60%
   - Conclusion 20%

6. Lab performance will be graded by the lab instructor who will monitor the serious work of the student during the lab session.

7. Although students are expected to work in groups, each student must produce their own version of lab report. Reports copying will be graded ZERO. No exception.

8. Final exam will consist of two parts and graded as follow:
   - Written 15%
     will cover the basic theory covered in the lab experiments and questions will be multiple choice.
   - Practical 15%.
     Student will be given questions to produce results and comments in one of the lab experiments.