

3 Guidelines

Announcements: Information related to class matters will be announced in class and posted on the web site.

Assignments: Problem sets will be posted in class and on the class web site. Assignment problems may require self-study and should be solved in groups of three or four students. **Each group member must prepare and submit an individual solution set.** In each set should appear the name of the student who prepared the paper and the names of the other group members. If a student's name appears on a solution set, it certifies that he/she has participated solving the problems.

Posted solutions: Solutions will be posted in the library sometime after the due date.

Late assignments: Completed assignments should be turned in on the due date. Late assignments will be accepted up to the time the solution is posted or discussed in class but they may be penalised.

Tutorials: Optional tutorial sessions will be scheduled during the term to review biasing, small-signal analysis, properties of transistor configurations and other basic concepts.

Laboratory: Student groups will be formed. Each group will design and implement a circuit to the specifications given by the instructor. Only those high frequency components whose data sheets are available in the library can be used.

A design report with **analysis and simulations** of the design must be submitted along with a parts list. Only then will the group be provided with parts by Mr. Manfred Klein. The group will implement the design and get it to work to meet specifications trying to avoid significant deviations from their base design and component values.

An oral presentation of the design and implementation will be given by each group on the dates scheduled by Mr. Klein/Instructor towards the end of term in the assigned laboratory period for this course. Assessment of the laboratory work of each group will be carried out as follows: design report is worth 10% of the total marks for the course. Implementation of design will be worth 10% and oral presentation 10% for a total of 30%.

Note: No food or drink is allowed in the laboratory. Coats and bags are not to be placed on laboratory benches.

Instructors' commitment: Students can expect their instructor and assistants to be courteous and respectful; answer questions clearly and in a non-negative fashion; be available during office hours or notify you beforehand if he is unable to keep them; and mark uniformly and consistently according to the posted guidelines.

4 Examinations

One midterm exam will be scheduled. A three-hour final exam will be scheduled by the Registrar office. All exams will be closed-book / closed-notes. No cellular phones, pagers (or any other wireless device), laptop computers, PDAs or programmable calculators are allowed in the exams. Approved non-programmable calculators are listed in the class website.

Marks distribution: Assignments 5%, Laboratory 30%, max{Midterm, Final} 20%, Final 45%

Note 1: An incomplete grade will be assigned for failure to complete the lab project.

Note 2: A minimum mark of 40% in the final examination is required to pass the course. If the mark in the final examination is lower than 40%, a final mark of at most 45 will be assigned regardless of the average.