Extra Credit

Ground Rules

The Points
There are several opportunities to get extra credit points. Some are available all semester, some
for only a limited time period. Unless otherwise indicated, each assignment is worth 3 points on
the overall quiz grade. The first four involve building circuits that are somewhat similar to
circuits built during experiments or projects, but with more advanced properties. The first two (A
& B) can be done during the time between Quiz 1 and Quiz 2. The second two (C & D) can be
done during the time between Quiz 2 and Quiz 3. The remaining extra credit assignments can be
completed any time before the last day of classes. No late assignments will be accepted. All must
be completed during open shop and not during regular class time.

With one exception (Standard Instruments), YOU MUST do the extra credit as an individual.
Your points will be applied towards your grade on an individual basis. These circuits are not
difficult, so it is unlikely that it will take more than one open shop to build one of them.

The Procedure for A-D
1) Come in to an open shop. Sign out one of our numbered proto-boards.
2) Build the circuit. You may need additional components not found in your kit to build it.
Ask the staff for assistance if something you need is not already out on the front table.
3) Fill out the sheet for the circuit with your name and how you want the points applied.
4) Document the operation of the circuit in a short (probably one page) report.
5) Demonstrate to the staff member that the circuit works. Have him/her sign the sheet.
YOU MUST tell the staff member what you would like to apply the extra credit towards at the
time s/he signs the sheet.
6) Take the circuit apart. Return the protoboard and the borrowed components. If you did not get
the circuit to work, we can store it for you in the cabinet until you are ready to resume.
7) Give the sheet to your professor.

For the other assignments, follow the instructions in each write-up.