

CPEG 222 – Project 1 Demo Grading Desktop Calculator

1. Display: 25 pts

10 point deduction for each item not satisfied. Max deduction = 25 points

- No flickering of display
- No interruption of display while entering numbers or operands
- Bright enough to see easily

2. Operation: 50 pts

10 point deduction for each item not satisfied. Max deduction = 50 points

- Display numbers as entered in correct order
- Delete previously entered digit
- Executes addition and subtraction correctly (including negative results). **Note:** the processing of negative operands is not required.
- Display error on overrun
- Suppress display of leading zeros or other spurious numbers

3. Customer Satisfaction: 25 pts

Your customer (the TA) will award a maximum of 25 points that reflects his/her satisfaction with your project. A 10 point deduction for each item below will be assessed. Max deduction = 25 points

- Messy wiring
- Quirky operation
- Unfamiliarity with any aspect of your project
- Late for your demo
- Poorly presented demo

Other

Your project notebook must be turned in at the time of your demonstration. No documentation will be accepted after the demo.

The total project grade is based on 25% design notebook and 75% demonstration.

NOTE: If any part of your design documentation is found to be a copy of another group's documentation or in the opinion of the instructor your documentation is a close derivative of another group's documentation a grade of zero will be given to both groups.