

OIA Lab 2: In Class Assignment

BIOE 385 Bioinstrumentation Laboratory

Print a copy of this sheet and bring it to lab!

Student Name: _____ **Total Grade:** /20

Student Name: _____ **Total Grade:** /20

Student Name: _____ **Total Grade:** /20

Pre-Lab Assignment

Student Name: _____ **Grade:** /5

Student Name: _____ **Grade:** /5

Student Name: _____ **Grade:** /5

Have the Instructor or Teaching Assistant initial that you have demonstrated successful completion of each task where designated.

In-Lab Assignment

- Build a circuit to control the amount of light emitted from the LED. _____/5
TA check: _____
- Build the circuit depicted in the FDS 100 package insert to detect the light from the photodetector. _____/5
TA check: _____
- Build the circuit using an OP07 Op Amp to convert current from the photodetector to voltage in order to detect the light from the photodetector _____/5
TA check: _____