



Lab Assignments

THIS WEBSITE IS **NOT IN USE** FALL 2020 AND SPRING 2021. **PLEASE SEE** [bCourses](#) [1] INSTEAD

Instrumentation Labs:	Name of Lab Assignment:
Lab 1	<u>Introductory Experiments and Linear Circuits I</u> [2]
Lab 2	<u>Linear Circuits II</u> [3]
Lab 3	<u>Semiconductor Diodes</u> [4]
Lab 4	<u>JFET Circuits I</u> [5]
Lab 5	<u>JFET Circuits II</u> [6]
Lab 6	<u>Op Amps I</u> [7]
Lab 7	<u>Op Amps II</u> [8]

Lab 8

Op Amps III [9]

Lab 9

LabVIEW Programming [10]

Lab 10

Analog to Digital and Digital to Analog Conversion [11]

Lab 11

Signal Processing and Feedback Control [12]

Lab 12

Final Project [13]

Digital Labs:

Lab D1

Digital Circuit Elements I [14]

Lab D2

555 Timer, Analog-to-Digital (ADC) and Digital-to-Analog Conversion (DAC) [15]

Source URL: <https://instrumentationlab.berkeley.edu/labassignments>

Links

[1] <https://bcourses.berkeley.edu>

[2] <https://instrumentationlab.berkeley.edu/Lab1>

[3] <https://instrumentationlab.berkeley.edu/Lab2>

[4] <https://instrumentationlab.berkeley.edu/Lab3>

[5] <https://instrumentationlab.berkeley.edu/Lab4>

[6] <https://instrumentationlab.berkeley.edu/Lab5>

- [7] <https://instrumentationlab.berkeley.edu/Lab6>
- [8] <https://instrumentationlab.berkeley.edu/Lab7>
- [9] <https://instrumentationlab.berkeley.edu/Lab8>
- [10] <https://instrumentationlab.berkeley.edu/Lab9>
- [11] <https://instrumentationlab.berkeley.edu/Lab10>
- [12] <https://instrumentationlab.berkeley.edu/Lab11>
- [13] <https://instrumentationlab.berkeley.edu/Lab12>
- [14] <https://instrumentationlab.berkeley.edu/Digital1>
- [15] <https://instrumentationlab.berkeley.edu/Digital2>