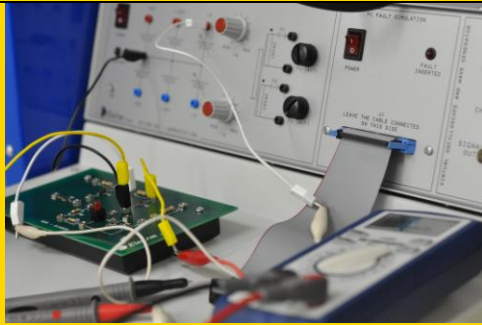


Circuits I Laboratory



Hardware Equipments:

- Advanced Table Workstations
- Teknikit Console 92-300
- Feedback 700 series:
 - Electricity and Electronics Constructor EEC
 - Electricity and Electronics Constructor EEC 471
 - Electricity and Electronics Constructor EEC 473
 - Operator Amplifier Tutor Kit OAT 343
- Resistors
- Capacitors
- LED (red)
- Wires, Cables
- Breadboards
- Chips (LS series, HC series)
- Soldering Iron [24V/60W]
- Multimeters

Other equipment includes:

- DELL computers
- Projector
- Smart Board, white boards
- Storage Cupboards
- Steel Chairs

Overview:

Circuits I is the first major specific course to be taken during the Sophomore year of every computer engineering student. In the Circuits I lab, students get exposed to basic fundamental concepts that they will need throughout their career. Topics covered in the Circuits I lab include current, voltage, energy, power, capacitors, inductors, amplifiers; and some well known theorems like Superposition, Thevenin's, and Kirchoff's Nodal and Mesh Analysis.

The Circuits I lab at PMU is well-equipped, with 10 workstations that are regularly maintained by the PMU IT Department. We seek to provide a perfectly-suitable environment for students to study and benefit.

Courses:

- COEN 2111: Circuits I Lab

Software Resources:

- TEKLAB
- emu8086
- SMART Board Software
- SSH Secure Shell
- Wireshark
- Easy68k
- Apache HTTP Server 2.2

