

Here are the rules for safety that we will follow when working in the lab.<sup>1</sup>

1. Before starting work in the lab familiarize yourself with the location of fire extinguishers, circuit breakers, and power receptacles for all equipment.
2. Never work alone in the lab.
3. Be sure that all equipment which has a metal case or metal knobs is grounded by way of a 3-wire cable.
4. Do not work with damaged equipment. Report any frayed cords, loose receptacles or other non-functioning equipment to your instructor or to the staff engineer.
5. Do not remove plugs by pulling on the cords.
6. Before touching any wiring or high voltage points be sure that the power is off and that energy storage devices such as capacitors are fully discharged.
7. Always wear shoes in the lab and never work when wet.
8. Always place a soldering iron back in an approved holder. Never leave a soldering iron plugged in when leaving the room.

**Contact numbers**

**Emergency**

Ambulance, Police, or Fire 6911 or 9911.

Non-emergency campus security 2051

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<sup>1</sup> Adapted from [A First Lab in Circuits and Electronics](#), by Yannis Tsividis, Wiley, 2002