

# General Equipment and Supplies List

## Recommended Equipment and Software:

- HP 54602A Oscilloscope
- HP 6235A Triple Output Power Supply
- Philips PM5193 Programmable Synthesizer/Function Generator
- HP 34401A Digital Multimeter
- Microchip PICSTART Plus development programmer
- Microchip's MPLAB integrated development environment windows software
- MicroEngineering Labs' PicBasic Pro compiler

## Recommended Supplies:

*For each work station (in the station containers):*

- electronic components (the required components are listed at the beginning of each laboratory exercise)
- alligator clips (4)
- BNC-to-banana connectors (2)
- breadboard (1)
- wire strippers (1)
- static discharge pad (1)

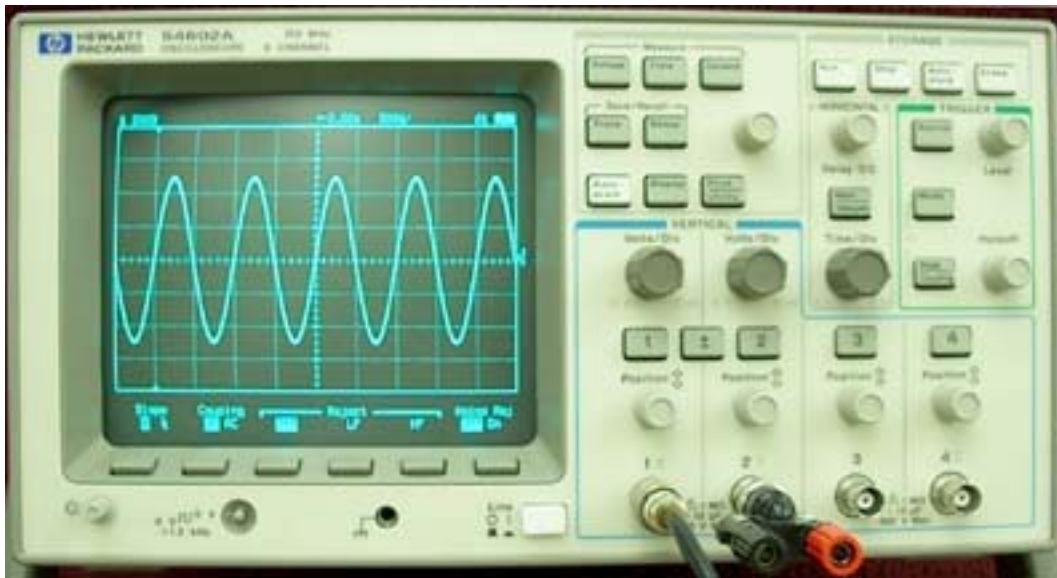
*Available for the entire laboratory (hanging on the wall):*

- banana cables assorted colors 24inch (32)
- banana cables black and red 24 inch (16 each)
- banana cables assorted colors 48inch (16)
- DMM probes black and red (16 each)
- oscilloscope probes (16)
- assorted BNC-to-BNC cables

*Other:*

- assorted colors 24 gage solid core wire (100 feet each)
- soldering stations (4)
- solder and flux
- extra soldering tips
- solder suckers/de-solderers

## Instrumentation Used in the Lab:



HP 54602A Oscilloscope



HP 6235A Triple Output Power Supply



Philips PM5193 Programmable Synthesizer/Function Generator



HP 34401A Digital Multimeter