

Electronic Parts and Services

Engineering Student Work Lab: Engineering East (EE), Room 205A

Open seven days a week, 24 hours a day, accessible with a valid FAU Owl Card.

Contact: Perry Weinthal, Lab Manager, 561.297.3416

Room Layout

Cabinet 1

Battery Holders
Crystals
Crystals
Assorted Sensors
Resistors 0.15 Ω - 15 Ω
Resistors 580 Ω - 1.8k Ω
Resistors 23k Ω - 115k Ω
Power Resistors
Diodes Semiconductors
Transistors Semiconductors
Bridge Rectifiers Semiconductors

Cabinet 2

PCB Material(Printed Circuit Board)
Magnets
Connectors
Connectors
Resistors 15 Ω - 160 Ω
Resistors 1.8k Ω - 6.5k Ω
Resistors 115k Ω - 500k Ω
Potentiometers (Pots)
Motors, Servos, Solenoids, Fans, Air
Batteries And Battery Holders
Relays

Cabinet 3

(Empty)
Knobs
Assorted Indicators (Lights, LED's,
Etc.)
Assorted Indicators (Lights, LED's,
Etc.)
Resistors 160 Ω - 580 Ω
Resistors 6.5k Ω - 23k Ω
Resistors 500k Ω - 25M Ω
Potentiometers (Pots)
Ribbon Cables
Telephone Related Parts
Corcom Filters, Transformers

Cabinet 4

I.C. Sockets Bulk
I.C. Sockets Bulk
I.C. Sockets 14-24 Pin, 24-48 Pin
Switches and Keypads
Capacitors (Caps) 2pf - 1500 Pf
Capacitors (Caps)10 μ f - 22 μ f
Capacitors (Caps) (Empty)
Capacitors (Caps) 2200 μ f -10000 μ f
Clamps
Speakers
Meters

Cabinet 5

Logic I.C. 7400 - 7462
Logic I.C. 74136 - 74193
Logic I.C.74295 - 74648
Analog I.C.'S
Capacitors (Caps) 1800pf - 2.2 μ f
Capacitors (Caps) 22 μ f – 100 μ f
Capacitors (Caps) 140 μ f - 850 μ f
Capacitors (Caps) 1000 μ f - 33000 μ f,
Trimmers
Chokes and Inductors
Terminal Strips
(Empty)

Cabinet 6

Logic I.C. 7465 - 74133
Logic I.C. 74194 - 74293
Logic I.C. 74651 - 74996, Analog I.C.'S
Miscellaneous I.C.'S
Capacitors (Caps) 3 μ f - 10 μ f
Capacitors (Caps) 100 μ f - 140 μ f
Capacitors (Caps) 850 μ f - 2200 μ f
Capacitors (Caps), Excess
Power Supplies (AC/DC, Wall Warts)
+5/+18volts
Power Supplies (AC/DC, Wall Warts)
+20/+30 Volts
Power Supplies (AC/DC, Wall Warts)
(+5 & \pm 12)

Cabinet 7

Springs
Wire Crimps
Machine Screws
Standoffs
Standoffs
Plastic Washers/Screws
Washers
Miscellaneous Hardware, Metal
Screws
Nuts
Brackets and Miscellaneous Hardware
Power Cables & DB 25

Cabinet 8

Side A:
3 Way Splitter Power Cord
Probes
Cable Assembly #18 AWG
Alligator to Alligator Wire
Load Cell
DB 9
USB to Ethernet
Special Power Cables
Pin to Pin?
Connectors
GPIB Cables
Ethernet
BNC to BNC
BNC to Pin
BNC to Alligator Clips
DB 25
Heavy Duty Power Cords
Power Cords
Side B:
Power Supplies
Small and Large Motors
Heatsinks
Boxes