

## MEDIA SENSING LAB Inventory list

Last Updated: April 2014

### ➤ Blue Cabinet

#### Shelf Bins

|   |  |  |   |  |   |
|---|--|--|---|--|---|
| <b>AA Battery Holders</b><br>4-Cell (2)   | <b>9V Battery Connectors</b><br>Snap to 5.5mm DC plug(3) | <b>Roller Switches</b><br>Single (5)<br>Double (2) | <b>Relays</b><br>5V (4)<br>Solid state(2) | <b>Stepper Motors</b><br>Many                                | <b>Shock Absorbers</b><br>2" (16)   |
| <b>C Battery Holders</b><br>4-Cell (1)  | Electro magnets  | <b>Computer Connectors</b><br>Various (Some)       | <b>Mosfets</b><br>N-channel(9)            | <b>Small DC Motors</b><br>Many                               | <b>Servo's</b><br>180 Degree(9)   |
| <b>Headers</b><br>Female (10 strips)<br>Straight(10 strips)<br>PerfBoard small(3)<br>perfBoard large(2) | <b>Electromagnets</b><br>Various (2)                     | <b>Solenoids</b><br>Small 5v(2)                    | <b>Servo's</b><br>360 degree (5)          | <b>120V Switches</b><br>Various (5)                          | <b>Coil Speakers</b><br>2"(4)<br>Misc.(2)   |
| <b>Gears</b><br>Various (Many)  | <b>Fuses/holders</b><br>Various(many)                    | <b>Servo Accessory's</b><br>Many                   | <b>Servo Accessory's</b><br>Many          | <b>Antennas</b><br>Telescopic (1)<br>Mini vibrating motor(5) | <b>Potentiometers</b><br>5 slide 10K pots<br>16 100k pots<br>4 10k pots<br>Misc.(2) |

#### IC Tray

|   |   |   |   |   |  |
|---|---|---|---|---|--|
| <b>PIC Chips</b><br>PIC16F877 (3)<br>PIC16F877A (2)<br>PIC16LF877A (2)<br>PIC16LF747 (3)<br>PIC16F777 (3) | <b>PIC Chips</b><br>PIC16F876A (10)                       | <b>PIC Chips</b><br>PIC16F84A (30)<br>PIC16LF84A (7)  | <b>PIC Chips</b><br>PIC16C71 (9)  | <b>Single PIC Chips</b><br>PIC16C73B (1)<br>PIC16F873A (1)<br>PIC16F88 (1)<br>PIC12F675 (1)<br>PIC17C44 (1) | <b>Multichannel RS-232 Drivers/Receivers</b><br>MAX233ACPP (2)<br>MAX233CPP (1)<br>MAX235CPG (2) |
| <b>Voltage Regulators</b><br>Various (7)  | <b>CMOS LCD Drivers</b><br>AY0438 (2)                     | <b>ISD ChipCoders</b><br>1000AP (1)<br>2590P (1)<br>4004-16MP (1)   | <b>PWM Motor Drivers</b><br>A3953SBT (13)<br>A3955SBT (10)  | <b>Arduino Chips</b><br>ATMEGA168 (11)<br>ATMEGA328P (3)<br>ATMEGA8 (1)                                     | <b>Multichannel RS-232 Drivers/Receivers</b><br>MAX232N (6)                                      |
| <b>Voltage Regulators</b><br>LM78M05CT (18)   | <b>Power Logic 8-Bit Shift Registers</b><br>TPIC6595N (3) | <b>Remote Control CMOS LSIs</b><br>HT12D (3)<br>HT12E (3)   | <b>High Voltage Source Drivers</b><br>TD62784AP (3)<br>ULN2803A(2)<br>2240cn(1)                           | <b>Timers</b><br>NE555N (6)<br>NE555P (2)<br>ICM7555CN (15)<br>XR-L555CP (1)                                | <b>Amplifiers</b><br>MC1458N (2)<br>Cd4066BE(1)  |
| <b>Voltage Regulators</b><br>7805 (2)<br>78M05C (5)<br>L7805CV (15)                                       | <b>Triacs</b><br>BTA12-600C (1)                           | <b>Single Chips</b><br>7404N<br>HD74LS193P<br>NE556N<br>7947<br>7849<br>I8432<br>M8344<br>P9252<br>CD74HCT14E |   | <b>Opt couplers</b><br>H11L1 (13)<br>TIL117 (1)<br>817D (16)<br>817A (27)                                   | <b>CMOS Quad Bilateral Switches</b><br>CD4066BE (1)  |
|   |   |   | S7609<br>SCL4001BE<br>PS2501-4<br>4N35 (3)<br>UA741CP (2)<br>LM555CN<br>12F675<br>MAX882 (3)<br>MAX489CPD |   |  |

|  |  |  |  |  |
|--|--|--|--|--|
|  |  | 7344<br>PC74HCTO4P<br>P8444<br>F74151APC | TI 40253QT<br>ULN2803A (2)<br>2240CN<br>4N25GV |  |
|--|--|--|--|--|

### IC Tackle Box 1

|   |   |  |   |  |  |   |
|---|---|--|---|--|--|---|
| SYL-ECG 4069 (4)  | <b>HEX Buffers</b><br>MC14050B (8)  | <b>CAN Controllers</b><br>MCP2515 (3)<br>MCP2150 (3)<br>MCP2155 (3)  | <b>Single Chips</b><br>3324B9K (1)<br>69C4JJK (2)<br>KS74HCTLS573N (2)<br>7402N (1) | <b>Single Chips</b><br>M74HC04BI (2)<br>CD40107BE (2)<br>MC14043B (1)<br>7410NA (1)<br>7402NA (1)<br>7432NA (1)  | <b>Motor Drivers</b><br>SLA7042M (2)                                   |   |
| <b>Single Chips</b><br>GD4011B 9430<br>74F161A E 8537 A<br>+P8326 MM74HC85N<br>MC74HC85N<br>TI SN7408N<br>74LS20N 8226 A<br>RC747DB RAYC8418<br>SCL400IBE<br>MC14070 BCP RR8342<br>SP9048 CD4060BCN<br>MM5660BN<br>P8444 DM7425N<br>MC1408P8 QQ8621<br>TI SN7486N<br>7402 PC QR 11334<br>HEF4013BP HSS149<br>TI SN754410NE<br>TI SN7483AN | <b>Single Chips</b><br>TI SN7474N (3)<br>SN74LS47N<br>CD4015BE RCA D 410 (2)<br>7411 PC 11426<br>SCL 4001BE<br>S7606 N74161 B | <b>Single Chips</b><br>HEF4514BP<br>A3958SB<br>KM62256BLP-10<br>I8348A DM7409N<br>P8948 DM74194N<br>P8452 DM7486N<br>M8344 LM565CN (2)<br>P9248 DM7476N<br>MP8942V DM7408N<br>P9236 DM7476N<br>M9318 LM747CN<br>SM8612 LM348N<br>TI 02AJ10M LM339N<br>AN1358<br>MP9006U DM7404N (2)<br>P8824 DM7474N<br>SM8612 LM348N<br>MP8930Y DM7432N<br>SGS T74LS13B1<br>74LS20N 8226<br>HEF4018BD 134580G |   | SN74LS20N<br>SN74LS54N<br>TI SN7400N<br>CD4555BE<br>MC3479P KHP9446<br>P8912G MM74C73N<br>825 B+ DM7400N<br>HEF4046BP 898710PS<br>SP8412*<br>DM74LS194AN<br>/8202C CD4042BCN<br>MM5642BN<br>+P8326 MM74HC85N<br>MC74HC85N<br>P8504 CD4049CN<br>MM5649AN<br>74LS20N 8226 A<br>CD4070BE (2)<br>CD4013BCN<br>LMC6001 (2)<br>QT113-G | <b>Single Chips</b><br>SGS Z8400AB1 Z80ACPU<br>MC68HC24P 28S<br>MAX604 | <b>Chip holders</b><br>52-Pin PLCC Socket (1) |

### IC Tackle Box 2

|              |   |  |  |   |   |  |
|--------------|---|--|--|---|---|--|
| A22L 747 (4) | <b>Assorted Transistors</b><br>Various (42) |  |  |   | <b>Socket Wrap IDs</b><br>Various (3)                                       |  |
| 555N(~60)    |   | <b>Single Chips</b><br>EGE EDR2D1A0500 (3)<br>ST HCF4047BE (2)<br>DS14C232CN (2)<br>SK PG001M (2)<br>MAX603 (2)<br>DS1621 (2)<br>AN1358 (2)<br>CS4013AN (2)<br>GD4066B (2)<br>CD4042BCN<br>GD4011B |  | ISP847<br>HEF4018BD<br>ISP815 (5)<br>DS1620<br>GE H11L1<br>F P0112SH<br>A3952SB<br>TI 3324B9K<br>TI 57A3RCM<br>MC14043B | <b>Reversible Motor Drivers</b><br>SK10012 (1)<br>(Replacement for NTE1716) | <b>Microcontrollers</b><br>MC68HC11A1FN (3)<br>XC68HC711E9FS (1) |

## Cabinet Box

|   |  |  |  |   |   |
|---|--|--|--|---|---|
| <b>AC/DC Converter</b><br>Rohm BP5081A15 (6)                              | <b>Motor Drivers</b><br>Motor Mind B (2)   | LED Ultraviolet<br>(4)   | <b>RF Transmitter Modules</b><br>AM-RT5 (1)<br>RR3 (1)<br>ST-RX04-A434 (1) | <b>PIC ICSP Adapters</b><br>PicBit-28 (1)                                     | <b>LED Controllers</b><br>BlinkM (5)  |
|   | <b>IR Receiver Diode (4)</b><br><b>LED infrared 950nm(4)</b><br><b>LED infrared 850nm(2)</b> | <b>Servo Controllers</b><br><b>SV203B(3)</b>                       | <b>Ethernet Modules</b><br>EDTP Packet Whacker (1)                         | <b>Serial Port Adapters</b><br>SparkFun Shifter v2 (1)                        |   |
| <b>Boards</b><br>GM862 Breakout Board (1)<br>Schmartboard 201-0006-01 (1) | Ultrasonic Proximity<br>Sensor (1)   | Contact Microphone (1)   | <b>RF</b><br><b>XBee(2)</b><br><b>Rf Transceiver sparkfun(2)</b>           | <b>USB to Serial Adapters</b><br>Pololu USB01A (3)<br>Arduino USB Mini 03 (1) | <b>PIR motion sensor(2)</b><br><b>Flex Sensor 4.5" (2)</b><br><b>Flex Sensor 2.2"(2)</b><br><b>Force Sensitive Resistor(2)</b><br><b>Force Sensitive Resistor Square (2)</b><br><b>Infrared Therm(2)</b><br><b>Breakout Microphone(2)</b><br><b>3axis accel breakout (2)</b><br><b>Mini Photocell(18)</b> |
|   | Voice Record/Playback<br>Modules<br>VM-1110A (1)   |  |  | <b>Development Boards</b><br>NIQ EZIO (2)                                     |   |
| <b>Digital Cameras</b><br>CMUcam1 (1)<br>Fire-i Digital Camera (1)        | <b>Prewired Chips</b><br>MAX233CP (1)  | <b>Handworked Development Boards</b><br>PIC Development Boards (4) | <b>Assembled Kits</b><br>1 Watt Amplifier (2)                              | <b>Development Boards</b><br>NIQ EZIO (2)                                     |   |

## Resistor Bin (Various Watts)

|            |          |          |          |            |            |          |          |             |          |          |          |              |              |           |           |           |              |           |              |           |              |              |              |           |              |           |             |               |               |           |              |             |               |            |               |             |            |              |               |               |
|------------|----------|----------|----------|------------|------------|----------|----------|-------------|----------|----------|----------|--------------|--------------|-----------|-----------|-----------|--------------|-----------|--------------|-----------|--------------|--------------|--------------|-----------|--------------|-----------|-------------|---------------|---------------|-----------|--------------|-------------|---------------|------------|---------------|-------------|------------|--------------|---------------|---------------|
| 1 Ω (Many) | 10 Ω (4) | 12 Ω (1) | 15 Ω (3) | 18 Ω (Few) | 20 Ω (Few) | 33 Ω (0) | 39 Ω (0) | 47 Ω (Some) | 51 Ω (1) | 60 Ω (1) | 82 Ω (1) | 100 Ω (Many) | 150 Ω (Some) | 180 Ω (2) | 200 Ω (5) | 210 Ω (4) | 220 Ω (Many) | 240 Ω (3) | 270 Ω (Some) | 300 Ω (2) | 330 Ω (Some) | 390 Ω (Some) | 470 Ω (Some) | 560 Ω (0) | 680 Ω (Some) | 820 Ω (1) | 1K Ω (Many) | 1.2K Ω (Some) | 1.5K Ω (Some) | 1.7 Ω (2) | 1.8K Ω (Few) | 2K Ω (Some) | 2.2K Ω (Some) | 2.5K Ω (8) | 2.7K Ω (Some) | 3K Ω (Some) | 3.3K Ω (2) | 3.9K Ω (Few) | 4.7K Ω (Many) | 5.1K Ω (Some) |
|------------|----------|----------|----------|------------|------------|----------|----------|-------------|----------|----------|----------|--------------|--------------|-----------|-----------|-----------|--------------|-----------|--------------|-----------|--------------|--------------|--------------|-----------|--------------|-----------|-------------|---------------|---------------|-----------|--------------|-------------|---------------|------------|---------------|-------------|------------|--------------|---------------|---------------|

|               |            |            |            |              |           |           |           |              |              |             |           |              |           |              |           |           |           |           |               |            |              |              |              |              |              |            |            |               |            |            |            |            |            |            |              |            |              |              |              |
|---------------|------------|------------|------------|--------------|-----------|-----------|-----------|--------------|--------------|-------------|-----------|--------------|-----------|--------------|-----------|-----------|-----------|-----------|---------------|------------|--------------|--------------|--------------|--------------|--------------|------------|------------|---------------|------------|------------|------------|------------|------------|------------|--------------|------------|--------------|--------------|--------------|
| 5.6K Ω (Some) | 6.8K Ω (4) | 7.2K Ω (2) | 8.2K Ω (2) | 10K Ω (Many) | 12K Ω (4) | 15K Ω (3) | 18K Ω (1) | 20K Ω (Some) | 22K Ω (Some) | 27K Ω (Few) | 32K Ω (6) | 33K Ω (Some) | 39K Ω (1) | 47K Ω (Some) | 51K Ω (4) | 56K Ω (7) | 68K Ω (4) | 82K Ω (6) | 100K Ω (many) | 117K Ω (2) | 120K Ω (Few) | 130K Ω (Few) | 150K Ω (Few) | 180K Ω (Few) | 220K Ω (Few) | 330K Ω (0) | 390K Ω (1) | 470K Ω (Some) | 480K Ω (1) | 560K Ω (1) | 750K Ω (4) | 820K Ω (6) | 1M Ω (few) | 1.2M Ω (1) | 1.5M Ω (Few) | 1.8M Ω (2) | 2.2M Ω (Few) | 3.9M Ω (Few) | 10M Ω (Some) |
|---------------|------------|------------|------------|--------------|-----------|-----------|-----------|--------------|--------------|-------------|-----------|--------------|-----------|--------------|-----------|-----------|-----------|-----------|---------------|------------|--------------|--------------|--------------|--------------|--------------|------------|------------|---------------|------------|------------|------------|------------|------------|------------|--------------|------------|--------------|--------------|--------------|

## Resistor Tackle Box (Various Watts)

|                                   |                            |                         |             |                                  |                                  |
|-----------------------------------|----------------------------|-------------------------|-------------|----------------------------------|----------------------------------|
| 2.2 Ω (2)                         | 3.9 Ω (2)                  | 4.7 Ω (2)               | 0.6 Ω (Few) | 0.7 Ω (Few)                      | Assorted ½ Watt Resistors (Many) |
| Non-Regular Shape Resistors (Few) | 47K Ω SIP Resistors (Some) | Single Resistors (Some) |             | Assorted ½ Watt Resistors (Some) | Assorted ¼ Watt Resistors (Some) |

## Electrolyte Capacitor Tray

|                            |                          |                            |                           |                            |                           |                            |                            |                           |                            |                           |                          |
|----------------------------|--------------------------|----------------------------|---------------------------|----------------------------|---------------------------|----------------------------|----------------------------|---------------------------|----------------------------|---------------------------|--------------------------|
| 25V 470 $\mu$ F<br>(Some)  |                          | 25V 2200 $\mu$ F<br>(Some) |                           |                            |                           | 25V 3300 $\mu$ F<br>(Some) |                            |                           | 50V 1000 $\mu$ F<br>(Few)  |                           |                          |
| Single Capacitors<br>(Few) | 35V 2200 $\mu$ F<br>(1)  | 10V 100 $\mu$ F<br>(Few)   | 10V 180 $\mu$ F<br>(Some) | 6.3V 1000 $\mu$ F<br>(Few) | 6.3V 330 $\mu$ F<br>(Few) | 6.3V 10 $\mu$ F<br>(Few)   | 6.3V 220 $\mu$ F<br>(Some) | 16V 10 $\mu$ F<br>(2)     | 6.3V 2.2 $\mu$ F<br>(Some) | 6.3V 4.7 $\mu$ F<br>(Few) | 40V 22 $\mu$ F<br>(Few)  |
| 16V 1000 $\mu$ F<br>(Some) | 16V 33 $\mu$ F<br>(Some) | 25V 220 $\mu$ F<br>(Few)   | 25V 100 $\mu$ F<br>(Some) | 25V 47 $\mu$ F<br>(Few)    | 35V 4.7 $\mu$ F<br>(Few)  | 63V 22 $\mu$ F<br>(Some)   | 35V 1000 $\mu$ F<br>(1)    | 50V 100 $\mu$ F<br>(Some) | 50V 22 $\mu$ F<br>(Few)    | 50V 2.2 $\mu$ F<br>(Few)  | 100V 0.22 $\mu$ F<br>(1) |
| 50V 4.7 $\mu$ F<br>(Some)  | 50V 10 $\mu$ F<br>(Many) |                            |                           | 50V 3.3 $\mu$ F<br>(Some)  | 50V 0.47 $\mu$ F<br>(3)   | 50V 1 $\mu$ F<br>(Some)    | 50V 0.1 $\mu$ F<br>(Few)   | 25V 1 $\mu$ F<br>(Many)   |                            |                           | 100V 1 $\mu$ F<br>(Some) |

## Ceramic Capacitor Tray (Various Volts)

|                 |                  |                 |                 |                 |                 |               |                  |                 |                  |
|-----------------|------------------|-----------------|-----------------|-----------------|-----------------|---------------|------------------|-----------------|------------------|
| 1 pF<br>(Some)  | 7 pF<br>(Few)    | 10 pF<br>(Some) |                 | 22 pF<br>(Some) |                 | 2 pF<br>(Few) | 3 pF<br>(3)      | 68 pF<br>(Some) |                  |
| 47 pF<br>(Some) | 100 pF<br>(Some) |                 | 150 pF<br>(Few) |                 | 220 pF<br>(Few) |               | 470 pF<br>(Some) |                 | 560 pF<br>(Some) |
| 10 nF<br>(Many) | 22 nF<br>(Some)  |                 | 1 nF<br>(Some)  |                 | 47 nF<br>(Many) |               | 100 nF<br>(Many) |                 |                  |
| 12 pF<br>(Few)  | 33 pF<br>(Few)   |                 | 300 pF<br>(Few) | 18 pF<br>(Few)  | 5 pF<br>(2)     | 8 pF<br>(3)   | 15 pF<br>(Few)   |                 | 4 pF<br>(3)      |
|                 |                  |                 |                 |                 |                 |               |                  | 6 pF<br>(3)     |                  |

## Ceramic Capacitor Tackle Box 1 (Various Volts)

|                               |                                       |                              |               |                                |                        |
|-------------------------------|---------------------------------------|------------------------------|---------------|--------------------------------|------------------------|
| Tantalum Capacitors<br>(Some) | Non-Regular Shape Capacitors<br>(Few) | 30 pF<br>(5)                 | 820 pF<br>(5) | 3.3 nF<br>(2)                  | 3.9 nF<br>(2)          |
| Large Disk Capacitors<br>(4)  | 500 nF<br>(3)                         | Various Capacitors<br>(Some) |               | Large Square Capacitors<br>(4) | Disk Capacitors<br>(9) |

## Ceramic Capacitor Tackle Box 2 (Various Volts)

|               |              |                             |               |               |               |
|---------------|--------------|-----------------------------|---------------|---------------|---------------|
| 80 pF<br>(2)  | 75 pF<br>(3) | 6.8 nF<br>(2)               | 680 pF<br>(4) | 41 pF<br>(2)  | 27 pF<br>(3)  |
| 200 nF<br>(3) | 2 nF<br>(3)  | Single Capacitors<br>(Some) |               | 200 pF<br>(2) | 220 nF<br>(3) |

## Miscellaneous Tray

|   |                                 |   |   |  |  |
|---|---------------------------------|---|---|--|--|
| <b>Switch Banks</b><br>4-Channel (1)<br>8-Channel (1)<br>12-Channel (1) | <b>Irregular</b><br>Various (5) | <b>LEDs</b><br>Various (few)                | <b>Slide Switches</b><br><b>Small (12)</b>      | <b>Slide Switches</b><br>Large 2-Way (27)                                |  |
| Li-Ion charge<br>Management Controller<br>break out board               | 7segment LED                    | <b>Pushbuttons</b><br>Large (10)            | <b>Fuses</b><br>Various (24)                    | <b>3D Orientation</b><br><b>Accelerometers</b><br>Holder (4)<br>Chip (2) |  |
| <b>Trimmer Potentiometers</b><br>Various (Many)                         |                                 |   | <b>Thermistors</b><br>LM 102 (20)<br>LM 103 (3) | <b>Microphones</b><br>Electret (5)                                       | <b>Momentary</b><br><b>Pushbuttons</b><br>Mini (7)<br>Small(various) |
| <b>Potentiometers</b><br>Various (Many)                                 |                                 | <b>Piezoelectric Sensors</b><br>Various (1) |   | <b>Piezo Speakers</b><br>many  |  |

## Connector Tray 1

Incandescent Bulbs (Some)

Jumpers (Few)

Various Pins

Various Jacks and Connectors

## Connector Tray 2

Various IC Sockets

24 phone jacks

9 pin D-sub connector(5)

25pin D-sub connector (3)

Various 4 pin DIN socket

Various 8 pin Din socket

Various insulated crimp connectors

Various Jacks and Connectors

## **Wire Tray**

Jumper Wires with Various Lengths

## **Heat Shrink Tubing Box**

Various Girths

## **Other Equipment**

6" TFT LCD Module (1)

34-Channel USB Logic Analyzer (1)

Logic probes(2)

Assorted LED's

Large Solar Cells (Few)

Laser Pointer (1)

MPLAB ICD 2 (2)

Data Transfer Switch (1)

Large Coil (1)

Nikon Coolpix L11 Digital Camera (1)

iRobot Roomba Create (2)

Old Dell Inspiron Laptop (1)

## ➤ Green Cabinet

Glues, Rust Dissolver, Plaster, Glass Frosting Spray, Wood Finish, Vinegar, Baking Powder, Baby Powder, Rubber Compounds, Large Dropper, Color Tints, Hot Glue

|   |                                |  |   |                                       |   |                              |            |                                     |                 |                    |
|---|--------------------------------|--|---|---------------------------------------|---|------------------------------|------------|-------------------------------------|-----------------|--------------------|
| <b>Data Cables</b><br>Misc.                           | <b>Ribbon Cables</b><br>(misc) | <b>Alligator Jumpers</b>                                 | <b>Breadboards</b><br>Small(15)<br>Large(5) | <b>Bread board jumper kits</b><br>(6) |   | <b>Battery's</b><br>9v(many) |            |                                     |                 |                    |
| Assorted Cables(many)                                 |                                |  |   |                                       |   |                              |            |                                     |                 |                    |
| <b>Cardboard</b>                                      |                                |  |   |                                       |   |                              |            |                                     |                 |                    |
| <b>Metal</b>  |                                |  |   |                                       |   |                              |            |                                     |                 |                    |
| <b>Wood</b>   |                                |  |   |                                       |   |                              |            |                                     |                 |                    |
| <b>Plastic</b>  |                                |  |   |                                       |   |                              |            |                                     |                 |                    |
| Safety Goggles  |                                | Snap Buttons   |   | Rubber Bands                          |   | Weights                      |            | Large Cable Clamps                  |                 | Small Cable Clamps |
| Gloves, Earmuff, Earplugs,<br>Dust Mask, Vinyl Gloves |                                | Large Machine Screws                                     | Roller Bearings                             |                                       | Misc.   | Machine Screws               | Hex Nuts   | Socket Screws                       | Computer Screws | Eye Screws         |
|   |                                | Screw Anchors  | Large Self-tapping Screws                   |                                       | Tiny Screws   | Coil Springs                 | Rack Gears | Nails                               | Washers         | Plastic Screws     |
| Screw Drivers<br>Hot Glue Gun                         |                                | Pliers<br>Saws<br>Hammer<br>Scissors<br>Chisels<br>Rasps | Clamps<br>Screw Bits                        |                                       | Flashlight<br>Blades<br>Toothbrush<br>Tiny Drill Bits<br>Cast Metal Types |                              |            | Wrenches<br>Hex Keys<br>Sand Papers |                 |                    |

## Gray Cabinet

|                              |                           |                        |                        |
|------------------------------|---------------------------|------------------------|------------------------|
| 5 variable DC power supplies |                           |                        |                        |
| Solder kits(3)               |                           |                        |                        |
| Solder kits(2)               |                           | Multimeters(4)         |                        |
| Wire Strippers(7)            | Hand tools(various)       | Tool box #1            | Bin #1                 |
| Tool box#2                   |                           | Tool box #3            |                        |
| Tool box #1                  | Bin #1                    | Tool box #2            | Tool box #3            |
| -misc. razor blades          | -solder tips(6)           | -assorted screwdrivers | -files(4)              |
| -misc. scrappers/putty       | -glue sticks (many)       |                        | -Hard carving tools(4) |
| knives                       | -large alphabet punch set |                        |                        |

|                                   |                           |  |  |
|-----------------------------------|---------------------------|--|--|
| -misc. tools<br><br>-hot glue gun | -small alphabet punch set |  |  |
|-----------------------------------|---------------------------|--|--|

## ➤ Gray Shelves

|  |
|--|
| Old Student Projects, Broken Drill, Broken Projector, Old Wireless Modem Connector, Empty Boxes and Trays  |
| Light Bulbs, Straws, Multi-purpose Cable Ties, Balloons, Tags, Large Stepper Motors, Electromagnetic Door Lock, RMV Motor Drivers, Temperature Gauge |
| Large motor, Oscilloscope  |
| Bin (Speakers, Power Supplies, Old Laptop), Bin (Assorted Electronics)   |
| Bin (PowerDsine 8012, Power Over Ethernet), Bin (AC/DC Switching, Transformers), Bin (Video Cables, Coax Cables, Cat5 Cables, Car Adapters)          |

**Hanging on top left of shelves:** Work Vest, Hook Torch

**Left of shelves:** Large pieces of wood, plastic and metal

## ➤ Tabletop Equipment

### Computers

2 dell Optiplex 755 computers with LCD monitors (Linux Ubuntu x64)  
-2.33Ghz Intel Core 2 Due Processor(E6550), 4.7Gb Ram, 150Gb Disk

2 dell Optiplex 755 computers with LCD monitors (Windows 7 x64)  
-2.33Ghz Intel Core 2 Due Processor(E6550), 4Gb Ram, 150Gb Disk

2 iMac Intel (Mac OSX 10.7.5)  
2.4Ghz Intel Core 2 Due Processor, 4Gb Ram, 320Gb Disk

### Power Supplies

Mastech HY3005D Adjustable DC Power Supply (3)  
EZ GP-4303D Adjustable DC Power Supply (1)  
ATX Power Supplies (4)  
Tenma 13.8V DC Power Supply (1)

### Tools

Tenma 72-3060 20MHz Oscilloscope (1)  
Multimeter (4)  
Singer 4423 Heavy Duty Sewing Machine (1)

Heavy Duty Vise Clamp (1)

## Other

Crate GFX-15 Amp (1)