

Niagara College Photonics Electro Technology I Kit 2006/2007

| Part Number | Description | Prts in Kit |
|-------------------|---------------------------|-------------|
| 1N4742A | Zener Diode 12V | 2 |
| 1N5240 | Zener Diode 10V | 1 |
| 1N4735A | Zener Diode 6.2V | 2 |
| 1N4733A | Zener Diode 5.1V | 2 |
| 1N4007 | Diode Si Power | 8 |
| 2N3904 | NPN Signal Transistor | 6 |
| 037-31471 | 470uF Phillips Cap 50V | 2 |
| 037-58101 | 100uF Phillips Cap 63V | 2 |
| 037-58479 | 47uF Phillips Cap 63V | 2 |
| 037-58109 | 10uF Phillips Cap 63V | 2 |
| 037-58478 | 4.7uF Phillips Cap 63V | 2 |
| 037-58108 | 1.0uF Phillips Cap 63V | 2 |
| 368-25104 | 0.1uF Capacitor 100VDC | 2 |
| 368-25474 | 0.47uF Capacitor 100VDC | 2 |
| B32592-1.0-10-100 | 1.0uF Capacitor 100VDC | 4 |
| 366-85223 | 0.022uF Capacitor 100VDC | 2 |
| 630-09122 | 1200pF Phillips Capacitor | 1 |
| 70F102AI | 10 mH Inductor | 2 |
| 410-03357 | 10K Trim Pot | 2 |
| 410-03364 | 1M Trim Pot | 2 |
| CR25-1R | 0.25W 1R Resistor | 5 |
| CR25-1R5 | " 1R5 | 5 |
| CR25-2R2 | " 2R2 | 5 |
| CR25-3R3 | " 3R3 | 5 |
| CR25-5R6 | " 5R6 | 5 |
| CR25-8R2 | " 8R2 | 5 |
| CR25-10R | " 10R | 10 |
| CR25-15R | " 15R | 5 |
| CR25-22R | " 22R | 5 |
| CR25-33R | " 33R | 5 |
| CR25-47R | " 47R | 5 |
| CR25-56R | " 56R | 5 |
| CR25-68R | " 68R | 5 |
| CR25-82R | " 82R | 5 |
| CR25-100R | " 100R | 10 |
| CR25-150R | " 150R | 5 |
| CR25-220R | " 220R | 5 |
| CR25-270R | " 270R | 10 |
| CR25-330R | " 330R | 5 |
| CR25-470R | " 470R | 10 |
| CR25-560R | " 560R | 5 |
| CR25-680R | " 680R | 5 |
| CR25-820R | " 820R | 5 |
| CR25-910R | " 910R | 5 |

| Part Number | Description | Prts in Kit |
|-------------|---|-------------|
| CR25-1K | 0.25W 1K Resistor | 10 |
| CR25-1K2 | " 1K2 | 5 |
| CR25-1K5 | " 1K5 | 5 |
| CR25-2K | " 2K | 5 |
| CR25-2K2 | " 2K2 | 5 |
| CR25-3K3 | " 3K3 | 5 |
| CR25-3K6 | " 3K6 | 5 |
| CR25-3K9 | " 3K9 | 5 |
| CR25-4K7 | " 4K7 | 10 |
| CR25-5K6 | " 5K6 | 5 |
| CR25-6K8 | " 6K8 | 5 |
| CR25-8K2 | " 8K2 | 5 |
| CR25-10K | " 10K | 10 |
| CR25-15K | " 15K | 5 |
| CR25-20K | " 20K | 5 |
| CR25-22K | " 22K | 5 |
| CR25-33K | " 33K | 5 |
| CR25-39K | " 39K | 5 |
| CR25-47K | " 47K | 10 |
| CR25-56K | " 56K | 5 |
| CR25-68K | " 68K | 5 |
| CR25-82K | " 82K | 5 |
| CR25-100K | " 100K | 10 |
| CR25-150K | " 150K | 5 |
| CR25-220K | " 220K | 5 |
| CR25-330K | " 330K | 5 |
| CR25-470K | " 470K | 10 |
| CR25-560K | " 560K | 5 |
| CR25-680K | " 680K | 5 |
| CR25-820K | " 820K | 5 |
| CR25-1M | " 1M0 | 5 |
| CR25-1M5 | " 1M5 | 5 |
| CR25-2M2 | " 2M2 | 5 |
| CR25-3M3 | " 3M3 | 5 |
| CR25-5M6 | " 5M6 | 5 |
| CR25-8M2 | " 8M2 | 5 |
| CR25-10M0 | " 10M0 | 5 |
| GL-12-ECL | Breadboard | 1 |
| TL-140 | BNC to Alligator Clip | 3 |
| TL-135 | Stackable Banana Plug to Alligator Clip | 3 |
| TL-150 | Alligator Test Lead Set (pkg of 10) | 1 |
| BNC-110 | BNC to BNC Cable | 1 |
| | Miller Wire Strippers | 1 |
| | Safety Glasses | 1 |