

EEAP 243
Lab 0

Lab Work:
Questions Due:

SPECIAL PARTS:

This course uses the following parts:

Qty	Description
1	1500:500 Ω audio transformer
1	100 mH inductor
1	1.2-30 pF trimmer capacitor
1	1K potentiometer
1	10K potentiometer
1	100K potentiometer
2	100pF disk capacitor
2	1000pF disk capacitor
2	0.01 μ F disk capacitor
1	0.022 μ F disk capacitor
6	0.05 μ F disk capacitor
2	0.1 μ F disk capacitor
1	4.7 μ F disk capacitor
5	47 μ F disk capacitor
1	100 μ F disk capacitor
1	1000 μ F disk capacitor
1	15 Ω 5 watt resistor
1	680 Ω 5 watt resistor
*	resistors
6	1N4002 rectifier diode
1	1N4735 6.2 volt, 1 watt zener diode
*	MPS4124 NPN transistor
*	MPS4126 PNP transistor
*	2N2222 transistor
3	2N5951 N-channel FET
4	LM741 op amp
4	LF357 op amp

* These will be available from the instrument room as we have very large stocks of these components.