



Electrical and
Computer
Engineering

Circuit Analysis I

Instructor:

Dr. Luis Linares (P.Eng.)

Dr. Jesús Calviño-Fraga (P.Eng.)

Laboratory Component Kit: ELEC201-2016W1

Student Name: _____

Lab section: _____



a place of mind

THE UNIVERSITY OF BRITISH COLUMBIA

Table 1

Item #	Quantity	Manufacturer	Manufacturer Part Number	Description
1	1	RP Electronics	MB-102	Breadboard, 95x183mm, 830 Holes
2	1	RP Electronics	PC-102	Solderable Breadboard - 54 x 166mm, 830points
3	1	RP Electronics	CT-150	Wire Stripper
4	1	RP Electronics	CT-120	Long Nose Pliers - 4.5"
5	1	RP Electronics	RP-DRIVER	Pocket Screwdriver - Phillips #0 YELLOW
6	1	RP Electronics	CT-140	Shear Cutter 5"
7	3	RP Electronics	150-310W	HOLDER BATTERY 1CELL AA 6"LEAD
8	1	CUI Inc.	PJ-102A	CONN JACK POWER 2.0MM PCB
9	1	RP Electronics	370-213-2	Red & Black Banana plugs
10	1	RP Electronics	33-412-1	Red Alligator clip
11	1	RP Electronics	33-411-1	Black Alligator clip
12	10	AVX Corporation	SR205C104JAA	CAP CER 0.1UF 50V 5% RADIAL
13	2	Panasonic Electronic Components	ECA-1VM221	CAP ALUM 220UF 35V 20% RADIAL
14	2	Nichicon	UHE1E101MED	CAP ALUM 100UF 20% 25V RADIAL
15	2	Nichicon	UVR1E102MPD	CAP ALUM 1000UF 20% 25V RADIAL
16	2	Nichicon	UVR1E100MDD6TP	CAP ALUM 10UF 20% 25V RADIAL
17	3	Bourns Inc.	RLB1014-104KL	INDUCTOR 100MH T/H RADIAL
18	3	Texas Instruments	TL081CP	IC OPAMP JFET 3MHZ 8DIP
19	2	RP Electronics	LM358N-8	IC - Op Amp - Dual 8-Dip
20	3	Fairchild Semiconductor	LM555CN	IC OSC SINGLE TIMER 8-DIP
21	1	Murata Electronics North America	PV36W104C01B00	TRIMMER 100K OHM 0.5W TH
22	1	STMicroelectronics	L7805CV	IC REG LDO 5V 1.5A TO220AB
23	5	Micro Commercial Co	2N3906-AP	TRANSISTOR PNP GP 40V TO92
24	5	Micro Commercial Co	2N3904-AP	TRANSISTOR NPN GP 40V TO92
25	10	RP Electronics	1N4148-10	1N4148 - Diode Signal
26	5	RP Electronics	1N4742A-5	1N4742A - Zener Diode 12V 1W
27	10	RP Electronics	1N4007-10	1N4007 - Diode 1A 1000V
28	10	MODE ELECTRONICS LTD.	55-532HB	LED 3MM 660NM RED WTR CLR LOW CUR
29	2	RP Electronics	ICSM-8	DIP SOCKET, 8POS, VERTICAL THD, 2.54MM
30	1	RP Electronics	GB-401	Resistor Kit, 10pcs of ea value: 10, 51, 100, 1k, 2k, 3k, 3.9k, 5.1k, 10k, 100k
31	1	Uline	S-7022	Safety Glasses over prescription Glasses
32	1	RP Electronics	10-HS22K6-25	Wire kit in dispenser
34	1	RP Electronics	SR-350	SOLDER PACK LEAD FREE