

Title: Experiments in Circuit Analysis
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 Edition: 10-th

Lab nr.	title	Book #	components
1	Math Review and Calculator Fundamentals dc	1	
2	Resistors and Color code	2	resistors 1pcs - 6.8; 91; 220; 3.3k; 10k; 470k; 1M
3	Ohm's Law	3	resistors 1pcs - 1k; 3.3k;
4	Series Resistance and Series DC Circuits	4&5	resistors 2pcs - 220; 330; 470; 680; 1k; 100k; 1M 4pcs - 100
5	Parallel Resistance and Parallel dc Circuits	6&7	resistors 2pcs - 100; 1k; 1.2k; 2.2k; 3.3k; 4.7k; 10k; 100k; 1M 3pcs - 2.2k; 3.3k
6	Series-Parallel dc Circuits	9	resistors 1pcs - 1k; 2.2k; 3.3k; 4.7k
7	Superposition Principle	10	resistors 1pcs - 1.2k; 2.2k; 3.3k; 4.7k; 6.8k
8	Thevenin's Theorem and Maximum Power Transfer	11	resistors 1pcs - 91; 220; 330; 470; 1k; 2.2k; 3.3k; potentiometer 1pcs - 1k; 10k
9	Norton's Theorem and Source Conversion	12	resistors 1pcs - 10; 47; 100; 220; 330; 3.3k; 10k; potentiometer 1pcs - 1k
10	Methods of Analysis	13	resistors 1pcs - 1k; 1.2k; 2pcs - 2.2k; 3.3k
11	Capacitors	14	resistors 1pcs - 3.3k; 47k; 2pcs - 1.2k; 100k; capacitors 1pcs - 100u; 220u
12	The oscilloscope	ac 2	none
13	The Oscilloscope and Phase Measurements	ac 7	resistors 1pcs - 1k; 3.3k; 6.8k; capacitors 1pcs - 470n resistors 1pcs - 10; 470; 1k; 1.2k; 2.2k; 3.3k; 6.8k; capacitors 3pcs - 4.7n; 10n; 20n;
14	Thevenin's Theorem and Maximum Power Transfer	ac 11	47n; 100n; 1u; inductors 1pcs - 10m