

Ohm's law

<https://www.allaboutcircuits.com/textbook/direct-current/chpt-2/voltage-current-resistance-relate/>

Electric voltage, current

<https://www.allaboutcircuits.com/textbook/direct-current/chpt-1/voltage-current/>

Power and energy

<https://www.electricity-magnetism.org/power-and-energy-in-electric-circuits/>

Conducting and insulating materials

<https://www.physicsclassroom.com/class/estatics/Lesson-1/Conductors-and-Insulators>

Series and parallel electric circuits

<https://www.allaboutcircuits.com/textbook/direct-current/chpt-5/simple-series-circuits/>

<https://www.allaboutcircuits.com/textbook/direct-current/chpt-5/simple-parallel-circuits/>

Star-delta and delta-star conversion

[https://www.electronics-tutorials.ws/dccircuits/dcp\\_10.html](https://www.electronics-tutorials.ws/dccircuits/dcp_10.html)

Kirchhoff's law

<https://www.allaboutcircuits.com/textbook/direct-current/chpt-6/kirchhoffs-current-law-kcl/>

<https://www.allaboutcircuits.com/textbook/direct-current/chpt-6/kirchhoffs-voltage-law-kvl/>

Linear and non-linear circuit

<https://www.electricity-magnetism.org/what-is-the-difference-between-linear-and-nonlinear-circuits/>

Bilateral and unilateral circuits

<https://www.elprocus.com/difference-between-unilateral-circuits-and-bilateral-circuits/>

Active and passive circuits

<https://www.electrical4u.com/active-and-passive-elements-of-electrical-circuit/>

Superposition theorem

<https://www.allaboutcircuits.com/textbook/direct-current/chpt-10/superposition-theorem/#:~:text=The%20superposition%20theorem%20states%20that%20a%20circuit%20with%20multiple%20power,all%20power%20sources%20in%20effect.>

Thevenin's theorem

<https://www.allaboutcircuits.com/textbook/direct-current/chpt-10/thevenins-theorem/>

Norton's theorem

<https://www.allaboutcircuits.com/textbook/direct-current/chpt-10/nortons-theorem/>

Maximum power transfer theorem

<https://www.allaboutcircuits.com/textbook/direct-current/chpt-10/maximum-power-transfer-theorem/>

R-L, R-C, R-L-C circuits

<https://circuitdigest.com/tutorial/rc-rl-and-rlc-circuits>

Resonance in AC series and parallel circuits

<https://www.allaboutcircuits.com/textbook/alternating-current/chpt-6/resonance-series-parallel-circuits/>

Active and reactive power

<https://www.allaboutcircuits.com/textbook/alternating-current/chpt-11/true-reactive-and-apparent-power/>

Alternating current fundamentals

<https://www.allaboutcircuits.com/textbook/alternating-current/chpt-1/what-is-alternating-current-ac/>