

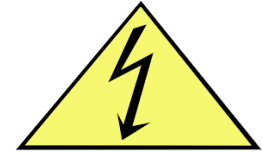
Unit 13: Electric Current

Textbook: Physics - James Walker (AP-edition)
 Required reading is: Chapter 21: pages 724-762

(~3 Weeks)

Recommended videos:

- * <https://www.youtube.com/watch?v=HXOok3mfMLM> (8:22 min)
- * https://www.youtube.com/watch?v=OGa_b26eK2c (41:24 min)



Worksheets, Labs, Quizzes & Tests:

Assignment:



Homework:

Tesla vs. Edison Wkst	
Wkst I	Series
Wkst II	Resistance
Wkst III	Parallel
Wkst IV	Complex
Wkst V	Resistivity
Wkst VI	Resistivity Second Worksheet
Wkst VII	Electrical Power Worksheet
Wkst VIII	Capacitance Worksheet
Wkst IX	Review Cap, Wheatstone & RC

Date Due

Points

<u>03/11/24</u>	<u>21 pts</u>
<u>03/12/24</u>	<u>15 pts.</u>
<u>03/13/24</u>	<u>18 pts.</u>
<u>03/14/24</u>	<u>20 pts.</u>
<u>03/15/24</u>	<u>20 pts.</u>
<u>03/18/24</u>	<u>30 pts.</u>
<u>03/19/24</u>	<u>15 pts.</u>
<u>03/20/24</u>	<u>20 pts.</u>
<u>03/21/24</u>	<u>20 pts.</u>
<u>03/27/24</u>	<u>20 pts.</u>

Lab: Virtual Lab on Series and Parallel Circuits

Lab: Ohm's Law Lab – (Non-Virtual)

Lab: Capacitance Lab – (Virtual)

03/20/24

32 pts.

04/02/24

50 pts.

TBD

50 pts

Quiz: Ohm's Law

Quiz: Kirchhoff's Law

Quiz: Capacitance, Resistivity, RC Circuits

03/22/24

28 pts

03/28/24

30 pts

04/03/24

30 pts

Test: Form A-D

04/05/24

70 pts.

How Do Capacitors Work?

