

# Rio Americano High School AP Physics 1

## AP1.12 Introductory DC Circuits

[3/27/17]

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### 1. B2 4/19 – Ohm’s Law

\_\_ Lab: Ohm, Ohm on the Range  
\_\_ Complete Q&P < >

### 2. r 4/20 – The Electric Circuit

\_\_ LabQuiz+Preso  
\_\_ Complete Job: The Slider Circuit  
\_\_ Begin Lab: Batteries and Bulbs  
\_\_ Read Guide: The Circuit Slide  
\_\_ Complete Q&P < >

### 3. F 4/21 – Circuit Basics

\_\_ Read Guide: Circuit Basics  
\_\_ Finish Lab: Batteries and Bulbs  
\_\_ Complete Q&P < >

### 4. M 4/24 – Electric Power

\_\_ Lab Quiz + Preso  
\_\_ Complete Job: Bun-Burning and Power  
\_\_ Complete Q&P < >

### 5-6. B 4/25-26 – Series Circuits

\_\_ Springboard: Series Circuits  
\_\_ Lab Springboard: Series for Realsies  
\_\_ Complete Job: Series Circuit Number Puzzles  
\_\_ Complete Q&P < >

### 7-8. r-F 4/27-28 – Parallel Circuits

\_\_ Springboard: Parallel Circuits  
\_\_ Lab Springboard: Parallel for Realsies  
\_\_ Job: Parallel Circuit Number Puzzles  
\_\_ Complete Q&P < >

### r 4/27 12:45–2:30 – AP1 Exam Practice MC

CTF Opportunity—*Do Not Miss!*

### 9. M 5/1 – Electrical Resistance

\_\_ Springboard: Resistance is NOT Futile  
\_\_ Read Guide: Resistance  
\_\_ Mechanical Universe: *Simple DC Circuits*  
\_\_ Brainiac Electric Circuits(?)  
\_\_ Complete Q&P < >

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### B. 5/2 – AP1 Exam Practice MC

CTF Opportunity—*Do Not Miss!*

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### 10. \_\_\_/\_\_\_ \_\_\_ (TBA) - Unit Test AP1.12

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**Essentials of College Physics** Textbook: Chapters 17 (Current and Resistance) and 18 (DC Circuits)

**Hewitt Drew It! Physics Screencasts:** ELECTRICITY AND MAGNETISM > Electric Current

Make Up Unit Test AP1.09 no later than F 4/22. AP make up tests are administered after school only. Remember, notecards cannot be used on make-up tests.