

Ag Power and Equipment Technician

Electrical/Electronic Class
Parallel Circuits Lab 2

Name _____
Date _____

Competency: Understanding series circuit characteristics.

Directions: Using our color coding strategy, highlight this circuit then have your instructor sign off the job sheet. Then build the circuit shown below on the electrical trainer. Make the following measurements to complete this job sheet.

<p>The diagram shows a 12V DC source at the top. Below it is a fuse labeled 'Fuse (7.5A)' and a switch. The circuit then splits into two parallel branches. The left branch contains 'Bulb B' and the right branch contains 'Bulb C'. Both bulbs are connected to ground symbols.</p>	Voltage drop across Bulb B	
	Voltage drop across Bulb C	
	Source Voltage	
	Current in Bulb B Branch	
	Current in Bulb C Branch	
	Total Current	

Instructor's Initials