

State of Iowa
DEPARTMENT OF EDUCATION
Career Education Division
Grimes State Office Building
Des Moines, IA 50319

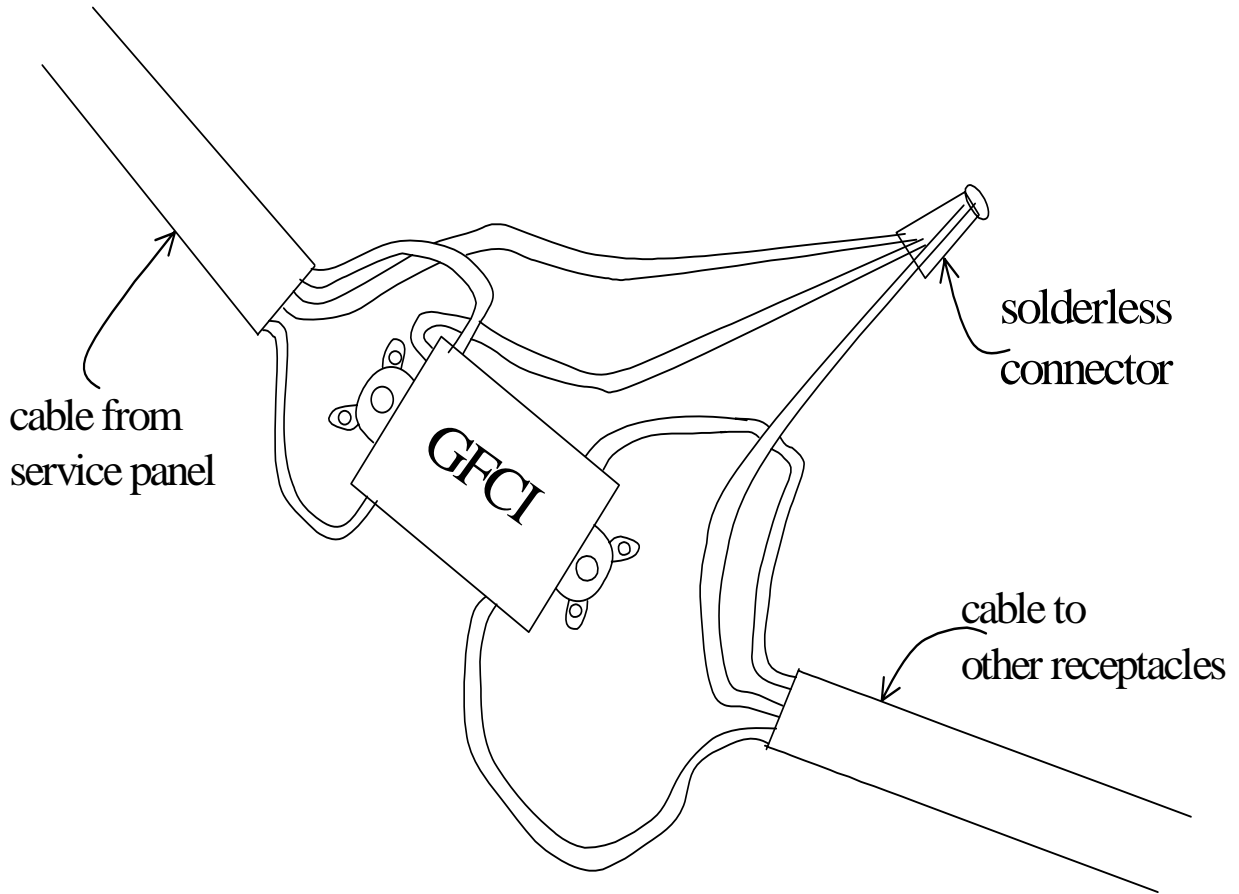
CONTESTANT NAME _____

CONTESTANT SCHOOL _____

ENERGY SYSTEMS
Problem Solving/Skill

Instructions:

You will have 15 minutes to do this exercise. Ask for assistance if you're not sure what you are doing. Connect a receptacle-type ground-fault circuit interrupter (GFCI) so that loads plugged into the GFCI are protected, and so that other receptacles on the same branch circuit are also protected. Use proper wiring procedures and safe work habits. Conductors may be wrapped around screws, or inserted in quick-attach holes, where available.



Evaluation Score Sheet

<u>Items</u>	<u>Points</u>	
	Possible	Earned
Proper circuitry, wire colors, screw colors.....	12	_____
Proper stripping of conductors and cable jackets.....	5	_____
Proper connection of conductors.....	5	_____
Safe work habits.....	3	_____

Total 25