

## 2018 NC SkillsUSA State Electrical Trades I Contest

Quantity Per Contestant	Description	Confirm Quantity Y/N
Cut as Needed	Feet of # 14-3 Romex w/ground	
Cut as Needed	Feet of #14-2 Romex w/ground	
6	Single gang Non-metallic Nail up Box	
2	4" Round Non-Metallic Nail up Box	
20	Romex Staples	
20	Red Wire Nuts	
3	15 Amp, Single Pole Switch	
3	15 Amp, 3-Way Toggle Switch	
2	15 Amp, Duplex Receptacle	
1	120 Volt 15 Amp, GFCI Receptacle	
2	Keyless Lamp holder	

# North Carolina 2018 SkillsUSA State Contest

Electrical Construction Wiring I Contestant Number: \_\_\_\_\_

Letter	DEVICE TYPE	BOX DESCRIPTION	HEIGHT	LOCATION	BOX MOUNTING
A	Keyless Receptacle	4" Round Plastic Nail Up	6' to Center	Stud Wall A	Nail On
B	Keyless Receptacle	4" Round Plastic Nail up	6'2" to Center	Stud Wall B	Nail On
C	Single Pole Switch	Plastic Single Gang Nail Up Box	48" to Center	Stud Wall A	Nail On
D	GFCI Receptacle	Plastic Single Gang Nail Up Box	30" to Top	Stud Wall B	Nail On
E	Single Pole Switch	Plastic Single Gang Nail Up Box	42" to Center	Stud Wall B	Nail On
F	Duplex Receptacle	Plastic Single Gang Nail Up Box	18" to Top	Stud Wall B	Nail On
G	Single Pole Switch	Plastic Single Gang Nail Up Box	48" to Center	Stud Wall C	Nail on

1. Neatly write your contestant number on all paper work
2. All branch circuit wiring shall be #14 AWG
3. Do not screw the devices to their box
4. All heights to be measured off of finished floor
5. Feed power to "A"
6. Feed power to "E" from "C"
7. Light "A" is switched from "C"
8. Power is feed to line side of "D" from "E"
9. "D" will protect bottom half of "F"
10. "E" feeds power to "G." And "G" will control "B"

