



## OVER /UNDER CABLE COILING

### 4-person TEAM event

Each TEAM gets 2 tries

**CABLE COILING:** Team will successfully coil 4 @ 25' power cables in the OVER/UNDER method.

Successful completion of this challenge is achieved when: All four of the 25' cables, coiled in an over/under technique, fit into the provided frames on the Cable Coiling table.

All cable will be coiled in an over/under method for this event. No exceptions.

#### **DIRECTIONS**

1. The entire team stands in the “starting box” (behind the Starting Line) **TIMING STARTS.** The first team member goes to the 25' mark, unplugs the cable and coils it as they return to the table. First team member places coiled cable into the wooden frame.

**NOTE: Size matters! - Be aware of the size of the coil as you proceed. The cable coil must fit completely inside the wooden frame before team member can re-enter the “starting box” (crosses the Starting Line)**

2. When the first team member re-enters the “starting box”, the second team member goes to the next mark (50'), unplugs the cable and coils as they return to table and places the cable in the wooden frame. **The cable coil must fit completely inside the wooden frame before team member can re-enter the “starting box”**

3. When the second team member re-enters the “starting box”, the third team member goes to the next mark (75'), unplugs the cable and coils as they return to table and places the cable the wooden frame. **The cable coil must fit completely inside the wooden frame before team member can re-enter the “starting box”**

4. When the third team member re-enters the “starting box, the fourth team member goes to the final mark (100') and coils as they return to table and places the cable in the wooden frame. **The cable coil must fit completely inside the wooden frame before team member can re-enter the “starting box”**

5. As the fourth team member re-enters the “starting box”. **TIMING STOPS**

6. Timer checks cables and writes down time.

7. Team replaces cable on spike marks, MALE connector **away** from “Starting Box”.

8. Timer assesses penalties, if needed records time on scoresheet.

**ALL CABLES MUST FIT INSIDE THE WOODEN FRAME BEFORE THE TEAM MEMBER CAN RE-ENTER THE STARTING BOX (CROSSES THE STARTING LINE)**



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**PENALTIES:**

<b>INCORRECT COILING – NOT over/under</b>	<b>2 MINUTES</b>
<b>CABLE DOES NOT FIT IN ASIGNED AREA/BOX</b>	<b>NO RE-ENTRY INTO “STARTING BOX” (Cross starting line)</b>
<b>TEAM MEMBER LEAVES “STARTING BOX” (CROSSES START LINE) BEFORE PREVIOUS TEAM MEMBER ENTERS</b>	<b>TEAM MEMBER MUST GO BACK TO STARTING BOX (Cross starting line) AND BEGIN AGAIN.</b>
<b>LOOP NOT LAYING DOWN FLAT IN ASSIGNED BOX</b>	<b>15 SEC EACH LOOP</b>
<b>“FIGURE 8” IN COIL</b>	<b>10 SEC EACH FIGURE 8</b>
<b>KNOTS CREATED ON “RESET”</b>	<b>10 SEC EACH KNOT</b>
<b>FAILURE TO RESET / RE-ATTACH CABLES IN ORDER</b>	<b>2 MINUTES</b>
<b>“THROWING” CABLES IS NOT PERMITTED</b>	<b>INSTANT DQ</b>

**STAGECRAFT, 50.0500.20 ARIZONA CTE PROGRAM TECHNICAL STANDARDS**

The Arizona Career and Technical Education Quality Commission, the validating entity for the Arizona Skills Standards Assessment System, endorsed these standards on January 25, 2018

**STANDARD 1.0 RECOGNIZE STAGECRAFT FUNDAMENTALS THAT MAKE A PRODUCTION SUCCESSFUL**

- 1.1 Identify the technical aspects of theatrical production
- 1.3 Identify the technical roles and their responsibilities to the production process

**STANDARD 9.0 DEMONSTRATE BASIC PRODUCTION AUDIO TECHNIQUES**

- 9.1 Employ safety protocols including electrical, rigging, etc.

**STANDARD 10.0 PERFORM TASKS NECESSARY TO SUPPORT THE PRODUCTION**

- 10.1 Demonstrate stage safety protocols
- 10.4 Establish and use proper backstage decorum
- 10.5 Implement the care and upkeep of the performance space and work areas

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These are examples of sound cable coils in wooden frames.  
Size and height of wooden boxes will be adjusted for Power cable  
**THESE ARE FOR EXAMPLE ONLY!**



**POWER CABLE WILL BE USED AT COMPETITION**

