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**PILOT ASSESSMENT BLUEPRINT**  
**Computer Networking**  
**Fundamentals (4716)**  
**Skill-Based (Performance)**

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| <b>Job Description</b>                            | <b>Making and Testing Cables</b><br>Participant will construct a T568B Standard Ethernet cable, label cable, test cable, and test premade cables.   |
| <b>Administration Time</b>                        | 35 minutes  |
| <b>Equipment, Supplies, or Materials Required</b> | <ul style="list-style-type: none"><li>• 6 ft. CAT-5/6 cable (Riser and Plenum cable) per participant</li><li>• 2 – RJ-45 passthrough style terminals per participant</li><li>• RJ-45 EZ style crimper per participant</li><li>• Continuity tester (ex. Fluke)</li><li>• Wire strippers/cutters</li><li>• Cable labels</li><li>• Cable labeler or pens for marking</li><li>• Premade cables (4 total)<ul style="list-style-type: none"><li>• 2 – straight through (1 good, 1 bad)</li><li>• 2 – crossover (1 good, 1 bad)</li></ul></li></ul> <p>Must have CAT-5/6 cables and RJ-45 EZ style terminals available for student use if student is unable to make cable correctly.</p> |