

# 272-W01

## ELECTRONIC COMMUNICATIONS TECHNOLOGY

NAME: \_\_\_\_\_

START DATE: \_\_\_\_/\_\_\_\_/\_\_\_\_

COMPLETION DATE: \_\_\_\_/\_\_\_\_/\_\_\_\_

**TASK:** *W01 Telecommunications Cabling*

**PERFORMANCE OBJECTIVE:** *After viewing video and instructor theory lesson the student will identify basic Telecommunications infrastructures and topologies utilized in the industry, their advantages and disadvantages, where and when they are utilized, and specifications with 90% accuracy.*

**ENABLING OBJECTIVE:** *Complete R02*

**TOOLS REQUIRED:** *Instructor theory lesson*

**SAFETY FACTORS:** *Complete Q01-Q02 and observe all school/classroom safety rules at all times*

### ACADEMIC ANCHORS:

*M11.A.1.1.2 Express numbers using scientific notation*

*M11.A.2.1.1 Solve problems operations with rational numbers using rates and percentages*

*R11.A.1.3.5 Demonstrate after reading understanding of non-fiction text*

*R11.A.2.1.2 Identify meaning of content specific words used in text*

### CAREER & WORK ANCHORS:

*13.2.11.E Demonstrate essential workplace skills.*

### PERFORMANCE CHECKLIST:

| <b>STUDENT<br/>CHECK</b>   | <b>TASK TO BE COMPLETED</b> | <b>TEACHER<br/>SIGN OFF</b> |
|--|-----------------------------|-----------------------------|
| 1. Identify academic anchors and complete learning guide AA01    |                             | _____                       |
| 2. View instructor theory lesson                                 |                             | _____                       |
| 3. View Video or PowerPoint presentation                         |                             | _____                       |
| 4. Review your notes and memorize topologies and specifications. |                             | _____                       |
| 5. Get quiz from instructor                                      |                             | _____                       |

### PERFORMANCE LEVEL:

**MASTERY**

**SATISFACTORY**

**FAMILIARIZATION**

**INSTRUCTED/CANNOT PERFORM**

BUCKS COUNTY TECHNICAL SCHOOL – June 17, 2021

\_\_\_\_\_  
**INSTRUCTOR'S SIGNATURE**

# GRADING RUBRIC

|        | Instructed/Cannot<br>0 points                         | Familiarization<br>1 point  | Satisfactory<br>2 points   | Mastery<br>3 points   |
|--------|---|---|--|---|
| Safety | Student rarely follows industry standard safety rules | Student needs to be frequently reminded to follow industry standard safety rules                      | Follows all industry standard safety rules, but required one reminder.   | Student always follows all industry standard safety rules   |
| Task   | Student is unable to complete task                    | Student requires frequent assistance to complete task, and/or is familiar with some parts of the task | Student requires very little assistance to complete task, or has only completed task once or twice, but completed it satisfactorily with little to no assistance | Student can perform task with no assistance and has completed the task many times with no errors. |
|        |   |   |  |   |
|        |   |   |  |   |

Mastery = 6 points

Satisfactory = 4-5 points

Familiarization = 2-3 points

Instructed cannot perform = <2 points