272-R07 BCTHS MECHATRONICS TECHNOLOGY

NAME: _____ ***START DATE:*** _____/_____/_____
COMPLETION DATE: _____/_____/_____

TASK: R07 Antenna and CATV systems

PERFORMANCE OBJECTIVE: Given instructor theory, the student will identify the major components in an antenna /CATV systems, and identify losses with 90% accuracy.

ENABLING OBJECTIVE: Complete R02

TOOLS REQUIRED: Instructor Theory.

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:

STUDENT CHECK	***TASK TO BE COMPLETED***	***TEACHER SIGN OFF***
_____	1. Identify academic anchors and complete learning guide AA01	_____
_____	2. View instructor theory lesson	_____
_____	3. Identify circuits and losses in Block Diagram	_____
_____	4. 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 0 points	Familiarization 1 point	Satisfactory 2 points	Mastery 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