

272-R05

BCTHS MECHATRONICS TECHNOLOGY

NAME: _____

START DATE: ____/____/____

COMPLETION DATE: ____/____/____

TASK:

R05 Use of the Communications Service Monitor

PERFORMANCE OBJECTIVE:

Given a Communications Service Monitor, the student will demonstrate how to generate a frequency, mode, and modulation according to manufacturers specifications.

ENABLING OBJECTIVE:

Complete R01 thru R04

TOOLS REQUIRED:

Communications Service Monitor & Radio receiver.

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. Read instruction manual supplied with Service Monitor	_____
_____	3. View instructor theory lesson	_____
_____	4. Practice generating frequencies with the C.S.M.	_____
_____	5. Get hands on 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