

NOTE ON PERFORMANCE TESTING

Performance Profile Sheet(s) are included in a format that can be easily photocopied for each trainee. Performance tests are designed to measure competency in the tasks taught in each module.

Please note the number of tasks to be tested while teaching each module. Each trainee should be tested on all the tasks listed on the Performance Profile Sheet(s). Before performance testing, the instructor should brief the trainees on:

- Test objectives and criteria
- Safety precautions
- Procedures for each task to be tested

The instructor administering the performance testing should also do the following:

- Ensure that all of the needed equipment is available and operating properly.
- Set up the testing stations.
- Organize and administer the test in a way that allows for optimal performance.
- Complete the Performance Profile Sheet(s) for each trainee by assigning a pass/fail score for each listed task. Also, include the testing date for each task in the rating box.
- Monitor adherence to all safety regulations and precautions.
- Provide adequate supervision to prevent injuries.
- Take immediate and effective action to remedy any emergency.

Performance Testing

If Performance Testing is done as part of the National Center for Construction Education and Research Standardized Craft Training Program, the following conditions must be met:

1. The Craft Instructor must hold valid NCCER instructor certification for the craft being tested.
2. The training must be delivered through a Accredited Training Sponsor recognized by NCCER.
3. For every module, the specific performance testing must be completed to the satisfaction of the instructor.
4. The results of the testing must be recorded on the Training Report Form 200. This form must be provided to the local Accredited Training Sponsor to be forwarded to the NCCER National Registry.

Certified Plus Credential

Provided the sponsor is working through an NCCER-Accredited Assessment Center, candidates who successfully pass performance testing may be eligible for a Certified Plus Credential. A number of NCCER's Performance Profiles cross over to NCCER's Assessment Performance Verifications and may be completed simultaneously. Go to www.nccer.org and select the Assessments tab to locate the Performance Verifications associated with this craft. Note two other important conditions are required for the Certified Plus Credential:

1. Candidates must first pass the associated written assessment.
2. An NCCER-Accredited Assessment Administrator must sign off on the Performance Verification before it is submitted to NCCER.

Craft: Electronic Systems Technician

Module One: 33401-12

Module Title: Audio Systems



TRAINEE NAME: _____

TRAINEE SOCIAL SECURITY NUMBER: _____

CLASS: _____

TRAINING PROGRAM SPONSOR: _____

INSTRUCTOR: _____

Rating Levels: (1) Passed: performed task (2) Failed: did not perform task
Also, list the date the testing for each task was completed.

Recognition: When testing for the NCCER Standardized Craft Training Program, be sure to record Performance testing results on Training Report Form 200, and submit the results to the Training Program Sponsor.

Objective	TASK	RATING
1	1. Mount a speaker.	
3	2. Properly terminate equipment and speakers.	
5	3. Identify audio cable types and applications.	
5	4. Locate a cable within a bundle.	

continued

Craft: Electronic Systems Technician

Module One: 33401-12

Module Title: Audio Systems



Objective	TASK	RATING
6	5. Use test equipment to set up a gain structure.	
1	6. Read and interpret specifications and shop drawings.	
7	7. Perform acceptance testing.	

Craft: Electronic Systems Technician

Module Two: 33402-12

Module Title: Video Systems



TRAINEE NAME: _____

TRAINEE SOCIAL SECURITY NUMBER: _____

CLASS: _____

TRAINING PROGRAM SPONSOR: _____

INSTRUCTOR: _____

Rating Levels: (1) Passed: performed task (2) Failed: did not perform task
Also, list the date the testing for each task was completed.

Recognition: When testing for the NCCER Standardized Craft Training Program, be sure to record Performance testing results on Training Report Form 200, and submit the results to the Training Program Sponsor.

Objective	TASK	RATING
8	1. Terminate a video connector.	
6	2. Identify the components of a video system.	
8	3. Connect a video system.	
7	4. Calculate the bandwidth of a video system.	
3	5. Set up a video display and verify proper operation.	
9	6. Isolate a fault in a video system.	

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Craft: Electronic Systems Technician

Module Three: 33403-12

Module Title: Broadband Systems



TRAINEE NAME: _____

TRAINEE SOCIAL SECURITY NUMBER: _____

CLASS: _____

TRAINING PROGRAM SPONSOR: _____

INSTRUCTOR: _____

Rating Levels: (1) Passed: performed task (2) Failed: did not perform task
Also, list the date the testing for each task was completed.

Recognition: When testing for the NCCER Standardized Craft Training Program, be sure to record Performance testing results on Training Report Form 200, and submit the results to the Training Program Sponsor.

Objective	TASK	RATING
3	5. Set up a video display and verify proper operation.	
9	6. Isolate a fault in a video system.	

**Module One: 33404-12 has no Performance Profile Sheet;
no performance testing is required for this module.**

Craft: Electronic Systems Technician

Module Five: 33405-12

Module Title: Telecommunications Systems



TRAINEE NAME: _____

TRAINEE SOCIAL SECURITY NUMBER: _____

CLASS: _____

TRAINING PROGRAM SPONSOR: _____

INSTRUCTOR: _____

Rating Levels: (1) Passed: performed task (2) Failed: did not perform task
Also, list the date the testing for each task was completed.

Recognition: When testing for the NCCER Standardized Craft Training Program, be sure to record Performance testing results on Training Report Form 200, and submit the results to the Training Program Sponsor.

Objective	TASK	RATING
4 - 7	1. Install a fully operational phone system.	

Craft: Electronic Systems Technician

Module Six: 33406-12

Module Title: Residential and Commercial Building Networks



TRAINEE NAME: _____

TRAINEE SOCIAL SECURITY NUMBER: _____

CLASS: _____

TRAINING PROGRAM SPONSOR: _____

INSTRUCTOR: _____

Rating Levels: (1) Passed: performed task (2) Failed: did not perform task
Also, list the date the testing for each task was completed.

Recognition: When testing for the NCCER Standardized Craft Training Program, be sure to record Performance testing results on Training Report Form 200, and submit the results to the Training Program Sponsor.

Objective	TASK	RATING
7	1. Set up components on an Ethernet-based network that can be controlled remotely.	

Craft: Electronic Systems Technician

Module Seven: 33407-12

Module Title: Intrusion Detection Systems



TRAINEE NAME: _____

TRAINEE SOCIAL SECURITY NUMBER: _____

CLASS: _____

TRAINING PROGRAM SPONSOR: _____

INSTRUCTOR: _____

Rating Levels: (1) Passed: performed task (2) Failed: did not perform task
Also, list the date the testing for each task was completed.

Recognition: When testing for the NCCER Standardized Craft Training Program, be sure to record Performance testing results on Training Report Form 200, and submit the results to the Training Program Sponsor.

Objective	TASK	RATING
1	1. Identify types of security sensors, notification devices, and control panels.	
6	2. Select the correct sensors, notification devices, and control panels for various applications.	
6	3. Install, wire, and program an intrusion detection system.	
8	4. Troubleshoot an intrusion detection system.	

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Craft: Electronic Systems Technician

Module Eight: 33408-12

Module Title: Fire Alarm Systems



TRAINEE NAME: _____

TRAINEE SOCIAL SECURITY NUMBER: _____

CLASS: _____

TRAINING PROGRAM SPONSOR: _____

INSTRUCTOR: _____

Rating Levels: (1) Passed: performed task (2) Failed: did not perform task
Also, list the date the testing for each task was completed.

Recognition: When testing for the NCCER Standardized Craft Training Program, be sure to record Performance testing results on Training Report Form 200, and submit the results to the Training Program Sponsor.

Objective	TASK	RATING
7	1. Draw a two-wire and four-wire initiating circuit.	
9	2. Install a fire alarm system.	
14	3. Commission a system.	
15	4. Correctly wire an RJ-31X telephone jack.	
15	5. Complete an NFPA record of completion.	
10	6. Troubleshoot a fire alarm system.	

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Craft: Electronic Systems Technician

Module Nine: 33409-12

Module Title: Overview of Nurse Call and Signaling Systems



TRAINEE NAME: _____

TRAINEE SOCIAL SECURITY NUMBER: _____

CLASS: _____

TRAINING PROGRAM SPONSOR: _____

INSTRUCTOR: _____

Rating Levels: (1) Passed: performed task (2) Failed: did not perform task
Also, list the date the testing for each task was completed.

Recognition: When testing for the NCCER Standardized Craft Training Program, be sure to record Performance testing results on Training Report Form 200, and submit the results to the Training Program Sponsor.

Objective	TASK	RATING
6	1. Install and connect nurse call system components.	

Craft: Electronic Systems Technician

Module Ten: 33410-12

Module Title: CCTV Systems



TRAINEE NAME: _____

TRAINEE SOCIAL SECURITY NUMBER: _____

CLASS: _____

TRAINING PROGRAM SPONSOR: _____

INSTRUCTOR: _____

Rating Levels: (1) Passed: performed task (2) Failed: did not perform task
Also, list the date the testing for each task was completed.

Recognition: When testing for the NCCER Standardized Craft Training Program, be sure to record Performance testing results on Training Report Form 200, and submit the results to the Training Program Sponsor.

Objective	TASK	RATING
6	1. Select the correct lens for a given application.	
7	2. Select the correct equipment for a CCTV installation.	
8	3. Troubleshoot a CCTV system.	

Craft: Electronic Systems Technician

Module Eleven: 33411-12

Module Title: Access Control Systems



TRAINEE NAME: _____

TRAINEE SOCIAL SECURITY NUMBER: _____

CLASS: _____

TRAINING PROGRAM SPONSOR: _____

INSTRUCTOR: _____

Rating Levels: (1) Passed: performed task (2) Failed: did not perform task
Also, list the date the testing for each task was completed.

Recognition: When testing for the NCCER Standardized Craft Training Program, be sure to record Performance testing results on Training Report Form 200, and submit the results to the Training Program Sponsor.

Objective	TASK	RATING
4	1. Select components for an access control system.	
6	2. Install an access control system.	
6	3. Troubleshoot an access control system.	