



NICET Engineering Technician Application

Video Security Systems Technician

Computer Based Testing Programs

Program Application Package



Video Security
Systems Technician

Basic Instructions

Certification candidates must submit both the General Application Package, which applies to any NICET computer-based testing program, and the Program Application Package for the specific certification that you are pursuing. See the booklet “Applying for NICET Certification” (at www.nicet.org) for more details.

Program

Part I: Work Experience Analysis

Part II: Verifier Information

- ❑ Each performance or project “Verifier” must complete a Verifier Information Form.
- ❑ Must submit with original signature – NOT photocopy or fax

Part III: Performance Verification

- ❑ Your supervisor or a person in a position to inspect or approve your work must verify all General and Specific Performance Measures listed for the certification level that you seek, and any lower levels.

Part IV: Project Verification (At Levels II and above, multiple projects must be documented.)

- ❑ Project requirements are available at www.nicet.org. The candidate must complete “Section 1 – Project Description”. The project Verifier must complete “Section 2 – Project Verification”.
- ❑ The Verifier should be your supervisor on the project or a person in a position to inspect or approve your work on the project.

The General Package is submitted for, and applies to, any NICET certification. It is a separate download.

General

The General Application Package includes the following:

Part I: Statement of Application

Part II: Test Application

Part III: Work History

Part IV: Personal Recommendation

Send Program Application to:

NICET
1420 King Street
Alexandria, VA 22314

REMEMBER!

- Make a copy of the entire application and keep it with your testing/certification records.
- Include name and identification number on every page of every part of the application.

Candidate: _____

Last 4 digits of Social Security Number: _____



NICET PROGRAM APPLICATION



Program Application Package - Part II: Verifier Information

PROG – II
Verifier
Page 1 of 1

(Please print legibly or type)

Each person who verifies the above-named candidate's performance or projects (the "Verifier") must complete this form:

Name: _____ Title: _____

Current employer: _____

Daytime phone: _____ Email: _____

Professional licenses/certifications: _____

My observation of the candidate occurred during my employment at:

- Current employer
- Previous employer: _____

My observation of the candidate occurred as a part of my role as:

- Candidate's direct supervisor
- Candidate's indirect supervisor/manager responsible for the candidate's work results/outcomes
- Engineer on one of the candidate's projects
- Governmental authority: _____
- Contract supervisor for: client, or general contractor
- Other: _____

During what time period were you in the above-indicated relationship with the candidate?

From / to /
Mo. Yr. Mo. Yr.

I have (Check all that apply):

- directly observed the candidate's work.
- directly observed the results of the candidate's work.
- received reliable reports from those who have directly observed the candidate's work.
- observed the candidate's ability to supervise others who are doing this work.

Verifier's Statement:

I certify that:

- I understand and have carefully considered each general and specific performance and/or project that I have verified or will verify.
- I have not verified, and will not verify, any performance or project that I have not either personally observed or received reliable and specific reports from one who has personally observed the performance.
- I have not signed, and will not sign, any verification statement on a form that does not have the candidate's name at the top.
- I have not asked nor will I ask anyone to sign my name in my stead.

Signature _____

Date _____

Candidate: _____

Last 4 digits of Social Security Number: _____



Verifier: _____

NICET PROGRAM APPLICATION

2701-III
Lvl I-G
Page 1 of 1

Video Security Systems Technician – Part III: Performance Verification

(Please print legibly or type)

Level I - General

Each General Performance Measure (GPM) is an aspect of quality video security systems work that should be exhibited by a technician prior to being certified at the level where it is listed, or at any higher level. Each GPM is followed by three different statements about the accuracy of that GPM as a descriptor of the candidate’s work. Indicate, by checking, which one of the statements best represents your judgment of the candidate’s ability related to that aspect of work (that GPM), and then sign below each GPM. DO NOT VERIFY as accurate any GPM that does not, in your best professional judgment, describe the candidate’s job performance (see “Verifier’s Statement” on the Verifier Information form – Program Application, Part II).

Verifier: Video Security Systems Technician Level I certification criteria include three General Performance Measures. Please review these and indicate how well they reflect the candidate’s on-the-job performance.

GPM 2701-1001: The candidate has demonstrated an ability to identify safety hazards in the workplace.

I verify that, based on my personal knowledge of the candidate and my professional judgment, (check one of the following):

- this statement is accurate.
- this statement is not accurate.
- I cannot determine whether this statement is accurate.

Signature: _____

GPM 2701-1002: The candidate has demonstrated an ability to reliably identify CCTV equipment and related materials as directed.

I verify that, based on my personal knowledge of the candidate and my professional judgment, (check one of the following):

- this statement is accurate.
- this statement is not accurate.
- I cannot determine whether this statement is accurate.

Signature: _____

GPM 2701-1003: The candidate has demonstrated an ability to select the appropriate simple hand and power tool(s) for a given task and use them safely.

I verify that, based on my personal knowledge of the candidate and my professional judgment, (check one of the following):

- this statement is accurate.
- this statement is not accurate.
- I cannot determine whether this statement is accurate.

Signature: _____

Level I - Specific

There are no Specific Performance Measures for Level I.

Candidate: _____

Last 4 digits of Social Security Number: _____



Verifier: _____

NICET PROGRAM APPLICATION

2701-III
Lvl II-G
Page 1 of 2

Video Security Systems Technician – Part III: Performance Verification

(Please print legibly or type)

Level II - General

Each General Performance Measure (GPM) is an aspect of quality video security systems work that should be exhibited by a technician prior to being certified at the level where it is listed, or at any higher level. Each GPM is followed by three different statements about the accuracy of that GPM as a descriptor of the candidate’s work. Indicate, by checking, which one of the statements best represents your judgment of the candidate’s ability related to that aspect of work (that GPM), and then sign below each GPM. DO NOT VERIFY as accurate any GPM that does not, in your best professional judgment, describe the candidate’s job performance (see “Verifier’s Statement” on the Verifier Information form – Program Application, Part II).

Verifier: Video Security Systems Technician Level II criteria include seven General Performance Measures. Please review these and indicate how well they reflect the candidate’s on-the-job performance.

GPM 2701-3001: The candidate has repeatedly, and in conformance with applicable standards, placed and secured video and power cables in an orderly and workmanlike manner.

I verify that, based on my personal knowledge of the candidate and my professional judgment, (check one of the following):

- this statement is accurate.
- this statement is not accurate.
- I cannot determine whether this statement is accurate.

Signature: _____

GPM 2701-3002: The candidate has repeatedly demonstrated an ability to assemble racks and equipment mounts, properly place and mount racks and supporting equipment, and select and install appropriate fasteners and related hardware in conformance with manufacturers’ specifications.

I verify that, based on my personal knowledge of the candidate and my professional judgment, (check one of the following):

- this statement is accurate.
- this statement is not accurate.
- I cannot determine whether this statement is accurate.

Signature: _____

GPM 2701-3003: The candidate has repeatedly demonstrated an ability to connect and read meters to ascertain voltage, current, and resistance.

I verify that, based on my personal knowledge of the candidate and my professional judgment, (check one of the following):

- this statement is accurate.
- this statement is not accurate.
- I cannot determine whether this statement is accurate.

Signature: _____

Candidate: _____

Last 4 digits of Social Security Number: _____



Verifier: _____

NICET PROGRAM APPLICATION

Video Security Systems Technician – Part III: Performance Verification

Section 3 - Performance Verification (Please print legibly or type)

Level II - General (Continued)

GPM 2701-3004: The candidate has repeatedly demonstrated an ability to perform routine installations of Type A systems without immediate supervision.

I verify that, based on my personal knowledge of the candidate and my professional judgment, (check one of the following):

this statement is accurate.

this statement is not accurate.

I cannot determine whether this statement is accurate.

Signature: _____

GPM 2701-3005: The candidate has repeatedly demonstrated an ability to effectively train end users in the operation and basic maintenance of the system.

I verify that, based on my personal knowledge of the candidate and my professional judgment, (check one of the following):

this statement is accurate.

this statement is not accurate.

I cannot determine whether this statement is accurate.

Signature: _____

GPM 2701-3006: The candidate has repeatedly demonstrated an ability to give complete and accurate reports on his or her activity, progress, and problems encountered.

I verify that, based on my personal knowledge of the candidate and my professional judgment, (check one of the following):

this statement is accurate.

this statement is not accurate.

I cannot determine whether this statement is accurate.

Signature: _____

GPM 2701-3007: The candidate has consistently and reliably demonstrated ethical behavior on the job, consistent with the NICET Code of Ethics.

I verify that, based on my personal knowledge of the candidate and my professional judgment, (check one of the following):

this statement is accurate.

this statement is not accurate.

I cannot determine whether this statement is accurate.

Signature: _____

Candidate: _____

Last 4 digits of Social Security Number: _____



Verifier: _____

NICET PROGRAM APPLICATION

Video Security Systems Technician – Part III: Performance Verification

(Please print legibly or type)

Level II - Specific

Each **Specific Performance Measure (SPM)** is a definable, observable, measurable type of work product or outcome that should be accomplished by a technician prior to being certified at the level where it is listed or at any higher level. Each SPM is followed by three different statements about the accuracy of that SPM as a descriptor of the candidate’s work. Indicate, by checking, which one of the statements best represents your judgment of whether the candidate has performed properly, at a minimum, the work stated in the SPM, and then sign below each SPM. DO NOT VERIFY any SPM that the candidate has not, to your knowledge, completed (see “Verifier’s Statement” on the Verifier Information form – Program Application, Part II).

Verifier: *Video Security Systems Technician Level II criteria include three Specific Performance Measures. Please review these statements and indicate which one best reflects the candidate’s work record.*

SPM 2701-4001: The candidate has installed at least 30 video cameras in conformance with manufacturers’ specifications, applicable standards, and project plans.

I verify that (check one of the following):

- the candidate has properly performed the work described above.*
- the candidate has NOT demonstrated proper performance of the work described above.*
- I cannot determine whether the candidate has properly performed the work described above.*

Signature: _____

SPM 2701-4002: The candidate has installed at least 10 video monitors in conformance with manufacturers’ specifications, applicable standards, and project plans.

I verify that (check one of the following):

- the candidate has properly performed the work described above.*
- the candidate has NOT demonstrated proper performance of the work described above.*
- I cannot determine whether the candidate has properly performed the work described above.*

Signature: _____

SPM 2701-4003: The candidate has installed at least 10 video recording devices in conformance with manufacturers’ specifications, applicable standards, and project plans.

I verify that (check one of the following):

- the candidate has properly performed the work described above.*
- the candidate has NOT demonstrated proper performance of the work described above.*
- I cannot determine whether the candidate has properly performed the work described above.*

Signature: _____

Candidate: _____

Last 4 digits of Social Security Number: _____



Verifier: _____

NICET PROGRAM APPLICATION

2701-III
Lvl III-G
Page 1 of 1

Video Security Systems Technician – Part III: Performance Verification

(Please print legibly or type)

Level III - General

Each General Performance Measure (GPM) is an aspect of quality video security systems work that should be exhibited by a technician prior to being certified at the level where it is listed, or at any higher level. Each GPM is followed by three different statements about the accuracy of that GPM as a descriptor of the candidate’s work. Indicate, by checking, which one of the statements best represents your judgment of the candidate’s ability related to that aspect of work (that GPM), and then sign below each GPM. DO NOT VERIFY as accurate any GPM that does not, in your best professional judgment, describe the candidate’s job performance (see “Verifier’s Statement” on the Verifier Information form – Program Application, Part II).

Verifier: *Video Security Systems Technician Level III criteria include three General Performance Measures. Please review these and indicate how well they reflect the candidate’s on-the-job performance.*

GPM 2701-5001: The candidate has repeatedly demonstrated an ability to program digital video recorders to obtain specified frame rates, resolutions, and triggers.

I verify that, based on my personal knowledge of the candidate and my professional judgment, (check one of the following):

- this statement is accurate.
- this statement is not accurate.
- I cannot determine whether this statement is accurate.

Signature: _____

GPM 2701-5002: The candidate has repeatedly demonstrated an ability to establish and verify copper, optical, and RF video and data paths.

I verify that, based on my personal knowledge of the candidate and my professional judgment, (check one of the following):

- this statement is accurate.
- this statement is not accurate.
- I cannot determine whether this statement is accurate.

Signature: _____

GPM 2701-5003: The candidate has repeatedly demonstrated an ability to create a specified alarm condition and response.

I verify that, based on my personal knowledge of the candidate and my professional judgment, (check one of the following):

- this statement is accurate.
- this statement is not accurate.
- I cannot determine whether this statement is accurate.

Signature: _____



NICET PROGRAM APPLICATION

Video Security Systems Technician – Part III: Performance Verification

(Please print legibly or type)

Level III - Specific

Each **Specific Performance Measure (SPM)** is a definable, observable, measurable type of work product or outcome that should be accomplished by a technician prior to being certified at the level where it is listed or at any higher level. Each SPM is followed by three different statements about the accuracy of that SPM as a descriptor of the candidate’s work. Indicate, by checking, which one of the statements best represents your judgment of whether the candidate has performed properly, at a minimum, the work stated in the SPM, and then sign below each SPM. DO NOT VERIFY any SPM that the candidate has not, to your knowledge, completed (see “Verifier’s Statement” on the Verifier Information form – Program Application, Part II).

Verifier: Video Security Systems Technician Level III criteria include four Specific Performance Measures. Please review these statements and indicate which one best reflects the candidate’s work record.

SPM 2701-6001: The candidate has installed and set up at least 5 PTZ units to function in conformance with manufacturers’ specifications, applicable standards, and project plans.

I verify that (check one of the following):

- the candidate has properly performed the work described above.
- the candidate has NOT demonstrated proper performance of the work described above.
- I cannot determine whether the candidate has properly performed the work described above.

Signature: _____

SPM 2701-6002: The candidate has installed and set-up at least 8 DVRs to function in conformance with manufacturers’ specifications, applicable standards, and project plans.

I verify that (check one of the following):

- the candidate has properly performed the work described above.
- the candidate has NOT demonstrated proper performance of the work described above.
- I cannot determine whether the candidate has properly performed the work described above.

Signature: _____

SPM 2701-6003: The candidate has properly installed at least 10 cable runs (power, video, and data) of over 800 feet, maintaining proper signal strength.

I verify that (check one of the following):

- the candidate has properly performed the work described above.
- the candidate has NOT demonstrated proper performance of the work described above.
- I cannot determine whether the candidate has properly performed the work described above.

Signature: _____

SPM 2701-6004: The candidate has, at least twice, set up the interface between a CCTV system and a peripheral system, involving at least two different types of peripheral systems (intercom, access control, burglar or fire alarms, or building environmental controls), to provide specified alarm conditions and response.

I verify that (check one of the following):

- the candidate has properly performed the work described above.
- the candidate has NOT demonstrated proper performance of the work described above.
- I cannot determine whether the candidate has properly performed the work described above.

Signature: _____

Candidate: _____

Last 4 digits of Social Security Number: _____



Verifier: _____

NICET PROGRAM APPLICATION

2701-III
Lvl IV-G
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Video Security Systems Technician – Part III: Performance Verification

(Please print legibly or type)

Level IV - General

Each General Performance Measure (GPM) is an aspect of quality video security systems work that should be exhibited by a technician prior to being certified at the level where it is listed, or at any higher level. Each GPM is followed by three different statements about the accuracy of that GPM as a descriptor of the candidate's work. Indicate, by checking, which one of the statements best represents your judgment of the candidate's ability related to that aspect of work (that GPM), and then sign below each GPM. DO NOT VERIFY as accurate any GPM that does not, in your best professional judgment, describe the candidate's job performance (see "Verifier's Statement" on the Verifier Information form – Program Application, Part II).

Verifier: *Video Security Systems Technician Level IV criteria include four General Performance Measures. Please review these and indicate how well they reflect the candidate's on-the-job performance.*

GPM 2701-7001: The candidate has repeatedly demonstrated a consistent ability to keep a team of technicians organized and focused on a project's goals, schedule, and budget.

I verify that, based on my personal knowledge of the candidate and my professional judgment, (check one of the following):

- this statement is accurate.
- this statement is not accurate.
- I cannot determine whether this statement is accurate.

Signature: _____

GPM 2701-7002: The candidate has repeatedly demonstrated a consistent ability to provide on-the-job training and help lower level technicians be more effective in performing their tasks.

I verify that, based on my personal knowledge of the candidate and my professional judgment, (check one of the following):

- this statement is accurate.
- this statement is not accurate.
- I cannot determine whether this statement is accurate.

Signature: _____

GPM 2701-7003: The candidate has repeatedly demonstrated a consistent ability to troubleshoot LAN and IP problems.

I verify that, based on my personal knowledge of the candidate and my professional judgment, (check one of the following):

- this statement is accurate.
- this statement is not accurate.
- I cannot determine whether this statement is accurate.

Signature: _____

GPM 2701-7004: The candidate has repeatedly demonstrated a consistent ability to troubleshoot software and operating system problems.

I verify that, based on my personal knowledge of the candidate and my professional judgment, (check one of the following):

- this statement is accurate.
- this statement is not accurate.
- I cannot determine whether this statement is accurate.

Signature: _____

Candidate: _____

Last 4 digits of Social Security Number: _____



Verifier: _____

NICET PROGRAM APPLICATION

Video Security Systems Technician – Part III: Performance Verification

(Please print legibly or type)

Level IV - Specific

Each **Specific Performance Measure (SPM)** is a definable, observable, measurable type of work product or outcome that should be accomplished by a technician prior to being certified at the level where it is listed or at any higher level. Each SPM is followed by three different statements about the accuracy of that SPM as a descriptor of the candidate’s work. Indicate, by checking, which one of the statements best represents your judgment of whether the candidate has performed properly, at a minimum, the work stated in the SPM, and then sign below each SPM. **DO NOT VERIFY** any SPM that the candidate has not, to your knowledge, completed (see “Verifier’s Statement” on the Verifier Information form – Program Application, Part II).

Verifier: *Video Security Systems Technician Level IV criteria include four Specific Performance Measures. Please review these statements and indicate which one best reflects the candidate’s work record.*

SPM 2701-8001: The candidate has, at least 3 times, integrated (programmed responses) CCTV systems with at least one other system (intercom, access control, burglar or fire alarms, or building environmental controls) to provide specified logic-based alarm conditions and responses.

I verify that (check one of the following):

- the candidate has properly performed the work described above.*
- the candidate has NOT demonstrated proper performance of the work described above.*
- I cannot determine whether the candidate has properly performed the work described above.*

Signature: _____

SPM 2701-8002: The candidate has connected and programmed at least 10 DVRs with remote interfaces to provide specified performance.

I verify that (check one of the following):

- the candidate has properly performed the work described above.*
- the candidate has NOT demonstrated proper performance of the work described above.*
- I cannot determine whether the candidate has properly performed the work described above.*

Signature: _____

SPM 2701-8003: The candidate has connected and programmed at least 3 CCTV systems for LAN/WAN communication utilizing IP protocols to provide specified performance.

I verify that (check one of the following):

- the candidate has properly performed the work described above.*
- the candidate has NOT demonstrated proper performance of the work described above.*
- I cannot determine whether the candidate has properly performed the work described above.*

Signature: _____

SPM 2701-8004: The candidate has managed a complete Type C system installation project within schedule and budget, and met performance specifications.

I verify that (check one of the following):

- the candidate has properly performed the work described above.*
- the candidate has NOT demonstrated proper performance of the work described above.*
- I cannot determine whether the candidate has properly performed the work described above.*

Signature: _____



NICET PROGRAM APPLICATION

Video Security Systems Technician – Part IV: Project Verification

2701-IV
Page 2 of 3

(Please print legibly or type)

Section 1 - Project Description (Continued)

The System: Describe any of the following equipment and technologies that were involved in this project – those installed by you or by people working under you as a part of this project as well as your function in the installation work (install, set-up, program, test and commission, etc.):

Cameras, including types (not brands) and quantity

Equipment:

Your Function:

Transmission methods and cable types

Equipment:

Your Function:

Signal multiplexers, switches, routers, etc.

Equipment:

Your Function:

Recording devices

Equipment:

Your Function:

System interfaces/triggers/alarms

Equipment:

Your Function:

System integration: network developed, and operating systems and communications protocols used

Equipment:

Your Function:

Candidate: _____ Name of Facility: _____



NICET PROGRAM APPLICATION

Video Security Systems Technician – Part IV: Project Verification

(Please print legibly or type)

Section 2 - Project Verification

Verifier's information:

Name: _____

Your role in the project described on this form:

Your professional/business relationship with the candidate during the project:

Verifier's Statement:

I certify that:

- *I have read the candidate's project description;*
- *I am familiar with the scope and purpose of the project described on this form;*
- *I understand and can recognize proper and improper functioning of the equipment, connections, and transmission elements installed by the candidate;*
- *I understand and can recognize proper and improper system set-up, programming, and/or communications;*
- *I understand and can recognize workmanlike practices appropriate to this project.*

I further certify that I have:

- *Supervised the candidate's work on this project; OR,*
- *Closely monitored the candidate's work on this project through competent and reliable intermediaries; OR,*
- *Personally inspected the completed project after determining what work was performed by the candidate.*

I further certify that:

- *The description on this form accurately describes the project and the candidate's role in it.*
- *The candidate's work satisfied the objectives and requirements for this project that were within his/her responsibility.*
- *The candidate's completed work on this project was workmanlike and resulted in proper equipment and system functioning.*
- *No part of the candidate's work on this project was unsatisfactory according to my understanding of proper system functioning or according to the customer's expressed objectives.*

Signature: _____

Date: _____

Note: Verifier must have submitted one "Verifier Information" form related to this candidate.