

SKILL SHEET PACKAGE

Based on NFPA 1041: Standard for Fire Instructor II Professional Qualifications, 2012 Edition

November 2016



Program Management

Performance Test # 1

Scheduling Instructional Sessions

PERFORMANCE STANDARD

Schedule instructional sessions, given department scheduling policy, instructional resources, staff, facilities and timeline for delivery, so that the specified sessions are delivered according to department policy. [NFPA 1041 5.2.2]

INSTRUCTIONS - procedures for achieving the objective

Given a department scheduling policy, forms or calendars, instructional resources, staff, facilities and a timeline for delivery you shall schedule instructional sessions so that they are delivered according to department policy. You shall perform administrative actions necessary to deliver a block of instruction.

EXAMINERS NOTE:

If this skill is part of the Commission designated skills test, you may have to provide the examinee with an example to facilitate the testing.

PREPARATION & EQUIPMENT

Form or calendar
Department scheduling policy
Instructional resources, staff and facilities
Timeline for delivery
Skill 2-1 Activity Sheets



Candidate: No	tes:				
Test Site:					
Training Provider:			<u></u>		
Examiner:			<u></u>		
		<u>TE</u>	<u>est</u>	RET	<u>EST</u>
Program Management – Performance Test # 1		PASS	FAIL	PASS	FAIL
Schedule instructional sessions, given department sch instructional resources, staff, facilities and timeline for delive specified sessions are delivered according to department policies.					
The candidate:		S	U	S	U
a) Used appropriate scheduling form or calendar					
b) Followed department policy with regard to scheduling resou	irces				
c) Avoided conflicting courses, staff, other resources					
d) Provided for course delivery according to given timelines					
e) Made effective use of available resources					
Other					
1 2.					



Proctor Comments:		
Proctor (Print & Sign):	Date	
Re-Test Proctor (Print & Sign):		
Re-Test candidate (Print & Sign):	Date	



Program Management Performance Test # 1 Activity Sheet

Scheduling Training

You are the Battalion Chief for a shift of 12 members. Staffing is Battalion Car one person, Quint 1 six persons, Engine 1 four persons, Squad 1 two persons. Only two people may be off duty and staffing on the Quint is lowered to accomplish this. The Training Chief has given you a list of 6 classes that will need to be taught to your shift next month. You must distribute the staffing and training schedule to your Station Officers by next shift. Some of your personnel are new and must attend some of these classes and some of the classes must be presented in sequence. All training must be completed by 2200 hrs on any given shift and shift change is at 0700 hrs.

B-Shift Personnel	Rank	Years in Service	Instructor
	TWINT	rears in service	Institution
1. Yourself	Battalion Chief	18	Level II
2. James Dillon	Captain	10	Level I
3. Kim Smith	Lieutenant	6	Level I
4.Joe Washington	Lieutenant	6	Level I
5. Alan Dillon	Driver/Operator	28	Level I
6. Mike Prescott	Driver/Operator	4	None
7. Richard Case	Senior Firefighter	9	Level II
8. Joe Orozco	Senior Firefighter	25	None
9. Martin Wages	Firefighter	3	Level I
10.Seth McDaniel	Firefighter	3	None
11. Tim Combs	Firefighter	2	None
12. Shelby Young	Firefighter	1/2	None
13.Bubba Thomas	Firefighter	1/2	None



Classes

1 hour
1 hour
3 hours
3 hours
2 hours
1 hour

Assignments

- 1. Personnel with less than a year of service must attend Blood borne pathogens introduction
- 2. All personnel must attend Blood borne pathogens Part two/refresher and the Human Resource meeting.
- 3. All officers and Senior Firefighters must attend Officer Development
- 4. Personnel with 5 years of service or less must attend the Ground Ladders Class
- 5. All Driver/Operators must attend the Water Shuttle Class



Program Management Performance Test # 1 Activity Sheet

Scheduling Training

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
1 A	2 B	3 C	4 A	5 B	6 C	7 A
	J Dillon			Young OFF		
	OFF 24			0700-1900		
	Combs			Wages		
	OFF 24			OFF 24		
	0800-1000 Staff Mtg			Station		
	Otan Wilg			Tours		
				1400-1600		
8 B	9 C	10 A	11 B	12 C	13 A	14 B
Yourself			Smith OFF			Case OFF
OFF 24			24			24
Meal at			Thomas OFF			Orozco
Local			1900-0700			OFF 24
Church			Hose testing			Citizens
1800-1900			1000-1200			Fire
						Academy
						0800-1500
						In classroom
15 C	16 A	17 B	18 C	19 A	20 B	21 C
		A Dillon			Thomas	
		OFF 24			OFF	
		Smith OFF			0700-	

7/Performance Test



		24			1200 Meet with Chief 1300- 1500	
22 A	23 B	24 C	25 A	26 B	27 C	28 A
	Station			Holiday		
	Tour 1000-					
	1100					
	Human					
	Resource					
	Meeting					
	1300-1600					
29 B	30 C	30 C				
Washington						
OFF 24						
McDaniel						
OFF 24						



Program Management

Performance Test # 2

Formulate Budget Need

PERFORMANCE STANDARD

Formulate budget needs, given training goals, agency budget policy, and current resources, so that the resources required to meet training goals are identified and documented. **[NFPA 1041 5.2.3]**

INSTRUCTIONS - procedures for achieving the objective

Given training goals, agency budget policy and current resources you shall formulate budget needs so that training goals are identified and documented. You shall perform administrative actions necessary to deliver a block of instruction.

EXAMINERS NOTE:

If this skill is part of the Commission designated skills test, you may have to provide the examinee with an example to facilitate the testing.

PREPARATION & EQUIPMENT

Training goals
Agency budget policy
Current resources
Skill 2-2 Activity Sheet



Candidate: Notes: _			_	
Test Site:				
Training Provider:				
Examiner:			_	
	TE	ST	<u>RET</u>	<u>TEST</u>
Program Management- Performance Test # 2	PASS	FAIL	PASS	FAIL
Formulate budget needs, given training goals, agency budget policy, a current resources, so that the resources required to meet training goals identified and documented.				
The candidate:	S	U	S	U
a) Followed agency budget policy				
b) Analyzed existing resources				
c) Balanced existing resources against training goals				
d) Identified resources needed to meet training goals				
e) Completed forms documenting resources needed to meet training goals	S			
Other 1		-		
Proctor Comments:				



Proctor (Print & Sign):	Date
Re-Test Proctor (Print & Sign):	Date
Re-Test candidate (Print & Sign):	Date



Program Management Performance Test # 2 Activity Sheet

Formulating Budget Needs

You are a lead instructor and have been assigned to deliver a vertical ventilation class for 12 students. Write a report that indicates all resources (internal and external) needed and what needs to be purchased to deliver the class. Consider all possibilities when identifying resources.

Training Goals:

Deliver a vertical ventilation class for 12 students, in which each student shall perform vertical ventilation

Agency Budget Policy:

In order to fund a training class the Lead Instructor must:

- Identify a need for the training requested and justify the need for the class
- Provide a line item break down of anticipated resources
- Show how the training goals are to be met

Once the class is approved, it must be completed in its entirety within the projected budget and time frame.

Considerations:

- Tools used: powered/manual/non-traditional
- Identify resources needed to satisfy safety requirements
- Instructor student ratio
- Expendable resources
- Facility or location for practical exercise

Current Resources:

- Vertical ventilation simulator
- 4-4x8 sheets plywood left over from last class
- NFPA equipped Quint
- NFPA equipped Engine
- Training facility appropriate for delivery of lesson plan



Program Management

Performance Test # 3

Acquiring Resources

PERFORMANCE STANDARD

Acquire training resources, given an identified need, so that the resources are obtained within established timelines, budget constraints, and according to agency policy. [NFPA 1041 5.2.4]

INSTRUCTIONS - procedures for achieving the objective

Given an identified need, you shall acquire training resources so that the resources are obtained within established timelines, budget constraints and according to agency policy. You shall perform administrative actions necessary to deliver a block of instruction.

EXAMINERS NOTE:

If this skill is part of the Commission designated skills test, you may have to provide the examinee with an example to facilitate the testing.

PREPARATION & EQUIPMENT

Identified need Established timelines Budget constraints Agency policy



Candidate:	Notes:			_	
Test Site:				_	
Training Provider:				_	
Examiner:				_	
		TE	<u>ST</u>	RET	<u>EST</u>
Program Management- Performance Test # 3		PASS	FAIL	PASS	FAIL
Acquire training resources, given an identified need, so that the obtained within established timelines, budget constraints, and agency policy.	according to				
The candidate:		S	U	S	U
a) Followed agency acquisition/purchasing policy					
b) Adhered to the established budgetS					
c) Met established timelines for implementation of purchases					
d) Made recommendations for purchases that support training	goals				
Other					
1. 2.					_
Proctor Comments:					
Proctor (Print & Sign):					
Re-Test Proctor (Print & Sign): Re-Test candidate (Print & Sign):		Date_ Date			

14/Performance Test



Program Management

Performance Test # 4

Record Keeping

PERFORMANCE STANDARD

Coordinate training record keeping, given training forms, department policy, and training activity, so that all agency and legal requirements are met.[NFPA 1041 5.2.5]

INSTRUCTIONS - procedures for achieving the objective

Given training forms, department policy and training activity, you shall coordinate training record keeping so that all agency and legal requirements are met. You shall perform administrative actions necessary to deliver a block of instruction.

EXAMINERS NOTE:

If this skill is part of the Commission designated skills test, you may have to provide the examinee with an example to facilitate the testing.

PREPARATION & EQUIPMENT

Training forms
Department policy
Training activity
Agency requirements
Legal requirements
Skill 2-4 Activity Sheets



Candidate:	Notes:			-	
Test Site:				_	
Training Provider:				_	
Examiner:				_	
		<u>TE</u>	<u>ST</u>	RET	EST
Program Management- Performance Test # 4		PASS	FAIL	PASS	FAIL
Coordinate training record keeping, given training forms, depart and training activity, so that all agency and legal requirements					
The candidate:		S	U	S	U
a) Documented training activity					
b) Utilized appropriate record keeping forms					
c) Adhered to agency record keeping policy					
d) Adhered to professional record keeping standards					
e) Adhered to all legal requirements for record keeping					
f) Properly utilized applicable record keeping database					
Other 1			_		
Proctor Comments:					
Proctor (Print & Sign):		Date_			_
Re-Test Proctor (Print & Sign):		Date_			_
Re-Test candidate (Print & Sign):		Date_			_



Program Management Performance Test # 4 Activity Sheet Record Keeping

You are the lead instructor who has completed a Vertical Ventilation training class. You shall complete all applicable training records in compliance with departmental and TCFP requirements. Three students on the class roster are from another department. You will need to complete the appropriate continuing education form.

Training Activity

Vertical Ventilation class-3 hours

Training Forms

- Class roster
- · Individual training record
- Certificate of Completion

Department Policy

- Comply with TCFP Standards Manual for Fire Protection Personnel Chapter 441 continuing education reporting requirements.
- Each training class must have a roster that lists all students in attendance.
- Individual training records are updated after each class



Training Officer:

Arab Fire Safety and Security Academy (AFSSAC) FIRE INSTRUCTOR II PERFORMANCE STANDARDS NFPA 1041, 2012 Edition

Fire Department Training Class Roster

Course N	lame:				
Subject:					
<u>Date</u>	<u>Name</u>	<u>Department</u>	P- Prese	ent ; A- Absent	# of Hours
	Case, Richard	Any Town	Р		
	Combs, Tim	Any Town	Р		
	Dillon, Alan	Any Town	Р		
	Dillon, James	Any Town	Р		
	Grubbs, Joseph	Individual	Р		
	McDaniel, Seth	Any Town	А		
	Myers, Martin	Individual	Р		
	Orozco, Joe	Any Town	Р		
	Prescott, Mike	Any Town	Р		
	Smith, Kim	Any Town	Р		
	Taylor, William	Individual	Р		
	Thomas, Bubba	Any Town	Р		
	Wages, Martin	Any Town	А		
	Washington, Joe	Any Town	Р		
	Young, Shelby	Any Town	P 1	st Half	
	Yourself	Any Town	Р		
Inetructor				Date:	

18/Performance Test

Date:



Individual Training Record

	Ladders	Ventilation	SCBA	Hose	Safety	Communications	Blood Borne Pathogens	Pump Operations	Officer Development	National Fire Academy	Track B Higher Level	Non-Credit
Case, Richard	2	2		0.5				2	1		10	
Combs, Tim	2		3	0.5				2				
Dillon, Alan	2	2	3	0.5				2			15	
Dillon, James			5	0.5				2	1			1
McDaniels, Seth	3	2.5	2		2			2			6	
Orozco, Joe	1	1.5		0.5	2			2	1		6	2.5
Prescott, Mike			4.5	0.5	2			2				
Smith, Kim	4	1.5		0.5	2			2	1	12	6	4
Thomas, Bubba	1		5.5	0.5							6	
Wages, Martin	4	1						2				
Washington, Joe	3			0.5				2	1	80		2
Young, Shelby	1		5.5	0.5				2				
Yourself	2			0.5					1	80		
Total	25	10.5	28.5	5.5	8	0	0	22	6	172	49	9.5



Program Management Performance Test # 4 Activity Sheet

Certificate of Training

	Awarded to:	
Name of Class:	Subje	ect:
Date of Training	—— Hours Awarded	Signed by a Training Officer/Instructor



Program Management

Performance Test # 5

Evaluating an Instructor

PERFORMANCE STANDARD

Evaluate instructors, given an evaluation form, department policy, and job performance requirements, so that the evaluation identifies areas of strengths and weaknesses, recommends changes in instructional style and communication methods, and provides opportunity for instructor feedback to the evaluator.[NFPA 1041 5.2.6]

INSTRUCTIONS - procedures for achieving the objective

You shall observe a teaching presentation and complete a written teaching evaluation on the instructor using a provided standard evaluation form. You shall document strengths and weaknesses, and make recommendations for changes in style or communication methods. You shall allow the instructor adequate time for discussion and feedback on the evaluation.

EXAMINERS NOTE:

The Fire Instructor II candidate shall not be allowed to review the performance steps at the time of testing.

PREPARATION & EQUIPMENT

Instructor Evaluation Form Activity Sheet
Department Policy
Job Performance Requirements
See Instruction Sheet-Instructor II Performance Skills



Candidate:	Notes:				
Test Site:					
Training Provider:			 		
Examiner:					
		TES	<u>ST</u>	<u>RE</u>	ΓEST
Program Management- Performance Test # 5		PASS	FAIL	PASS	FAIL
Evaluate instructors, given an evaluation form, department performance requirements, so that the evaluation identifies a and weaknesses, recommends changes in instruction communication methods, and provides opportunity for instructor evaluator.	reas of strengths and style and				
The candidate:		S	U	S	U
a) Observed the teaching presentation of the Instructor being e	evaluated.				
b) Evaluated in a manner so as not to disrupt the learning envi	ronment.				
c) Completed necessary forms or other documents.					
d) Identified strengths and weaknesses of the Instructor.					
e) Made written recommendation for changes in instructional through coaching.	style or method				
f) Allowed for feedback from the Instructor being evaluated					
Other 1 2 Proctor Comments:		=		=	_



Proctor (Print & Sign):	Date
Re-Test Proctor (Print & Sign):	Date
Re-Test candidate (Print & Sign):	Date



Program Management Performance Test # 5 Activity Sheet

Evaluating an Instructor

Instructional Scoring Guide

Competency	4- Outstanding	3 – Successful	2 – Limited	1 Seriously Deficient
Stated lesson title and objective Score	Explains lesson title in clear-concise and understandable terms, thoroughly explains the course objectives and expected student outcomes	Explains lesson title in understandable terms, explains course objectives and student outcomes	States lesson title, states course objectives and student outcomes	Does not state lesson title, does not give course objectives or student outcomes
Established and Maintained Instructor credibility Score	Highly credible – well informed on subject, creates atmosphere of mutual respect and confidence, displays exemplary interpersonal skills	Clearly credible - Well informed about the subject, displays positive interpersonal skills, flexible and supportive of learners, creates a positive atmosphere for learning	Limited credibility - Informed about the subject but may give vague information, displays little ability to promote learning, makes little effort to establish learner confidence	Lacks credibility – Misinforms the class, appears nervous or hesitant, is highly distractive in behavior or appearance, makes offensive comments or dismisses learners' views.
Managed the learning environment Score	Skillfully engages learners in group activities, adapts instruction to learners needs, gives individual attention while maintaining the group's learning process, manages time and activities exceedingly well	Involves learners comfortably in group activities, adapts instruction to learners needs, giving individual attention without seriously interrupting the group's learning process, manages time and activities well	Involves learners in a superficial or limited way, displays minimal evidence of adapting instruction to meet individual or group needs, manages time and activities adequately at times and poorly at other times	Makes little or no effort to involve learners, allows a few to dominate the group, fails to link the instruction to the learners needs, rushes instruction or is tediously slow throughout
Instructional aid usage Score	Uses appropriate instructional aid, Effectively utilizes instructional aids to substantiate classroom instruction, transitions from one aid to another seamlessly and without distracting learner, well versed in the set up-use-and trouble shooting of instructional aid	Uses appropriate instructional aid, instructional aid supports classroom instruction, transitions from one aid to another with only minor learner distractions, handles set up-usage- and trouble shooting with none or only minor difficulties	Instructional aid conveys information but distracts from instruction, transition between instructional aids is distracting to learner and disrupts the learning environment, unable to resolve set up-usage- trouble shooting issues without assistance	Inappropriate instructional aid used, unable to transition between instructional aids without complete disruption of learning environment, unfamiliar with instructional aid and unable to set up- use-trouble shoot



Competency	4- Outstanding	3 – Successful	2 – Limited	1 Seriously Deficient
Demonstrated effective communication/ presentation skills Score	Has excellent language skills, speaks very clearly, stimulating learner interest, effectively relates contents to learners experiences, makes frequent eye contact, presents in an engaging-coherent and well organized sequence, may use props-humor or stories for effective conveyance of material	Has good language skills, speaks clearly in a modulated voice to help sustain learner interest, looks frequently at class, uses appropriate body language, appropriately relates to learners experiences, is generally aware of how well learners are comprehending	Has weak language skills, speaks clearly but the vocal quality-modulation-or pacing does not help sustain learner interest, uses body language/pauses in ways that occasionally interfere with communication, relates content to learners experiences in limited ways, is aware at times how learners are comprehending	Lacks basic language skills, speaks in a voice that adversely affects learners, rarely looks at the learners, uses body language/pauses that interfere with communication, fails to link content to learners experiences, presents instruction in a disorganized way, generally ignores the learners, uses propsstories- etc. in an inappropriate or confusing way
Demonstrated effective questioning skills and techniques Score	Skillfully asks and directs a variety of questions to build confidence and promote learning, listens carefully and attentively to learners, effectively rephrases/repeats questions when necessary	Asks a variety of relevant questions and directs them appropriately, listens carefully to learners, phrases/repeats questions clearly when necessary	Asks few questions, asks generally trivial undirected questions, allows questions but does not seem to encourage it	Fails to ask questions, asks questions that are unclear or irrelevant, seems to discourage learners from asking questions, seems unaware of learners need to understand
Responded appropriately to Learner's need for clarification or feedback Score	Creates an environment in which individuals confidently seek clarification as needed, always gives specific helpful responses	Encourages learners to ask questions when necessary, is aware of learners needs. Gives consistently clear and helpful responses	Does little to identify those who need help, gives superficial or non- specific feedback, does not always listen carefully or always give relevant responses	Gives little or no positive feedback, gives vague or confusing answers, discourages learners from asking fro help
Evaluated the learner effectively Score	Thoroughly explains the evaluation method and occasion, conducts a completely fair and unbiased learner evaluation, provides timely feedback to the learner	Explains the evaluation method and occasion, conducts a fair and unbiased learner evaluation. Provided feedback to the learner	Provides little information on evaluation method or occasion, learner evaluation is appropriate but lends itself to possible bias, provides little or no feedback to learners	Does not explain evaluation method, does not address occasion of evaluation, learner evaluation is inappropriate, provides no feedback to learners

Add individual scores from each of the 8 categories together. Place total score in box below.						
Minimum acceptable score is 24.	<u>Total</u> <u>Score</u>					



Recommendations for changes: (Required)					
	•				



Instructional Development

Performance Test # 6

Creating a Lesson Plan

PERFORMANCE STANDARD

Create a lesson plan, given a topic, audience characteristics, and a standard lesson plan format, so that the job performance requirements for the topic are achieved, and the plan includes learning objectives, a lesson outline, course materials, instructional aids, and an evaluation plan. **[NFPA 1041 5.3.2, 5.3.3]**

INSTRUCTIONS - procedures for achieving the objective

Using a job performance requirement as defined in NFPA 1041 Annex C, you shall prepare a written lesson plan on a skill-based topic approved by the Course Instructor using a standard format.

The lesson plan must include the following: learning objective, lesson materials, instructional aids, lesson outline, suitable learning activity (application stage), and a plan for evaluating the student's accomplishment of the lesson objective. The lesson must be appropriate for the target audience and designed to be presented within the time allotted by the Course Instructor.

The lesson topic approved must be within the Psychomotor/Skills Domain so that a performance skill evaluation form can be developed in TCFP Skill Number 2-10.

PREPARATION & EQUIPMENT

Course Instructor approved topic Course Instructor identified audience characteristics Standard lesson plan format NFPA 1041 Annex C See Instruction Sheet- Instructor II Performance Skills



Candidate:	Notes:
Test Site:	
Training Provider:	
Examiner:	

	<u>TE</u>	<u>EST</u>	<u>RE</u> T	<u>rest</u>
Instructional Development- Performance Test # 6	PASS	FAIL	PASS	FAIL
Create a lesson plan, given a topic, audience characteristics, and a standard lesson plan format, so that the job performance requirements for the topic are achieved, and the plan includes learning objectives, a lesson outline, course materials, instructional aids, and an evaluation plan.				
The candidate:	S	U	S	U
a) Conducted a needs analysis to include basic research, student and resource needs assessments.				
b) Created a lesson plan.				
c) Met requirements for topic and target audience.				
d) Included learning objectives, lesson outline, course materials.				
e) Included instructional aids and evaluation plan.				
f) Utilized standard lesson plan format				
g) Used job performance requirements to develop behavior objectives.				



Other		
1	 	
2	 	
Proctor Comments:		
Proctor (Print & Sign):	 Date	
Re-Test Proctor (Print & Sign):	 Date	
Re-Test candidate (Print & Sign):	Date	



Instructional Development

Performance Test # 7

Modifying a Lesson Plan

PERFORMANCE STANDARD

Modify an existing lesson plan, given a topic, audience characteristics, and a lesson plan, so that the job performance requirements for the topic are achieved, and the plan includes learning objectives, a lesson outline, course materials, instructional aids, and an evaluation plan. [NFPA 1041 5.3.3]

INSTRUCTIONS - procedures for achieving the objective

Given a lesson plan, a variation in the audience, equipment, instructional aids, course materials, or location, you shall modify the provided lesson plan to accommodate the change. The purpose of the lesson and the JPR shall remain the same. You shall document the changes in the revised lesson plan.

PREPARATION & EQUIPMENT

Lesson plan See Instruction Sheet-Instructor II Performance Skills



Candidate:	Notes:				
Test Site:				-	
Training Provider:				-	
Examiner:				-	
		TES	ST_	RET	<u>EST</u>
Instructional Development- Performance Test # 7		PASS	FAIL	PASS	FAIL
Modify an existing lesson plan, given a topic, audience charact lesson plan, so that the job performance requirements for achieved, and the plan includes learning objectives, a lesson of materials, instructional aids, and an evaluation plan.	the topic are				
The candidate:		S	U	S	U
a) Modified an existing lesson plan.					
b) Met requirements for topic and target audience.					
c) Included learning objectives, lesson outline, course materials	S.				
d) Included instructional aids and evaluation plan.					
e) Utilized appropriate lesson plan format					
f) Ensured the job performance requirements are achieved.					
Other 1 2 Proctor Comments:					



Proctor (Print & Sign):	Date
Re-Test Proctor (Print & Sign):	Date
Re-Test Floctor (Filmt & Sign).	Date
Re-Test candidate (Print & Sign):	Date



Instructional Delivery

Performance Test # 8

Teaching a Lesson

PERFORMANCE STANDARD

Conduct a class using a lesson plan that the Fire Instructor II candidate has prepared and that involves the utilization of multiple teaching methods and techniques, given a topic and a target audience, so that the lesson objectives are achieved. [NFPA 1041 5.4.2]

INSTRUCTIONS - procedures for achieving the objective

You shall teach a 15-20 minute block of instruction using a lesson plan that you prepare. The lesson must include a combination of appropriate teaching methods to include the discussion method. Selection and use of appropriate instructional aids shall be included. The lesson should smoothly transition between teaching methods and make effective use of instructional aids.

Emphasis should be given on transitioning from lecture or demonstration methods to discussion methods to reach a group solution to a problem or issue.

You shall begin on my instruction to start. The skill will end when you state to me that you have completed all of the identified steps. Do you understand these instructions?

EXAMINERS NOTE:

The Fire Instructor II candidate shall not be allowed to review the performance steps at the time of testing.

PREPARATION & EQUIPMENT

Lesson plan prepared by candidate
See Instruction Sheet-Instructor II Performance Skills



Candidate:	Notes:				
Test Site:					
Training Provider:					
Examiner:					
		<u>TEST</u>		RETEST	
Instructional Delivery- Performance Test # 8		PASS	FAIL	PASS	FAIL
Conduct a class using a lesson plan that the instructor has prepared and that involves the utilization of multiple teaching methods and techniques, given a topic and a target audience, so that the lesson objectives are achieved.					
The candidate:		S	U	S	U
a) Taught from a lesson plan prepared by the Fire Instructor II candidate.					
b) Adapted lesson plan to target audience.					
c) Included discussion method of teaching.					
d) Used multiple teaching methods.	_				
e) Used appropriate teaching methods, techniques, and instructional aids.					
f) Smoothly transitioned between teaching methods.					
g) Effectively utilized instructional aids					
h) Achieved lesson objectives.					
i) Completed instruction in the time frame provided.					
Other 1					



Proctor Comments:		
Proctor (Print & Sign):	Date	
Re-Test Proctor (Print & Sign):		
Re-Test candidate (Print & Sign):	Date	



Instructional Delivery

Performance Test # 9

Supervising an Increased Hazard Exposure Training Scenario

PERFORMANCE STANDARD

Supervise other instructors and students during training, given a training scenario with increased hazard exposure, so that applicable safety standards and practices are followed, and instructional goals are met. **[NFPA 1041 5.4.3]**

INSTRUCTIONS - procedures for achieving the objective

Given an increased hazard exposure training scenario, you shall identify applicable safety guidelines (NFPA, TCFP or others) that are to be followed. You shall supervise the increased hazard incident scenario, properly implement the incident command system (NIMS) and adhere to all safety standards and practices.

You shall meet instructional goals, provide safety control over the scenario and respond to (and address) safety issues as they occur.

EXAMINERS NOTE:

It is suggested that you use the policies and procedures for your department. If you are teaching this course at a non-departmental institution, acquire a fire department's policies and procedures or modification thereof to complete this skill.

The skill may be completed either as a role-play scenario in which the trainee supervises an increased hazard exposure training exercise or the skill may be completed in written format as an in-class or take-home assignment in which the trainee completes a narrative describing the procedures for supervising an increased hazard exposure training exercise.

In the written format, the narrative must include information to meet all of the steps for this skill. Instructors are encouraged to develop your own scenarios for this skill test. Examples of increased hazard exposure training include live fire exercises, hazardous materials, above and below graded rescue, and evolutions that involve the use of power tools.

PREPARATION & EQUIPMENT

Increased hazard exposure training scenario Safety guidelines See Instruction Sheet-Instructor II Performance Skills



Candidate: No	otes:		·		
Test Site:					
Training Provider:					
Examiner:					
		TE	ST	RE	ГЕST
Instructional Delivery- Performance Test # 9		PASS	FAIL	PASS	FAIL
Supervise other instructors and students during training, give scenario with increased hazard exposure, so that applicable saf and practices are followed, and instructional goals are met.					
The candidate:		S	U	S	U
a) Identified applicable safety guidelines for the training scenario.					
b) Supervised an increased hazard exposure training scenario.					
c) Properly implemented the Incident Command System (NIMS)					
d) Adhered to safety standards and practices.					
e) Met instructional goals.					
f) Provided positive safety control over training scenarios.					
g) Responded to safety issues and addressed them as they occur	red.				
Other 1 2					



Proctor Comments:		
Proctor (Print & Sign):	Date	
Re-Test Proctor (Print & Sign):		
Re-Test candidate (Print & Sign):	Date	



Evaluating and Testing

Performance Test # 10

Creating a Student Evaluation Instrument

PERFORMANCE STANDARD

Develop student evaluation instruments, given learning objectives, audience characteristics, and training goals, so that the evaluation instrument determines if the student has achieved the learning objectives, the instrument evaluates performance in an objective, reliable, and verifiable manner, and the evaluation instrument is bias free to any audience or group. **[NFPA 1041 5.5.2]**

INSTRUCTIONS - procedures for achieving the objective

You shall create two student evaluation instruments, both a written test and a skill evaluation form for evaluating learning. The evaluation instruments must determine if the student has achieved the learning objectives; and evaluate performance in an objective, valid, reliable and verifiable manner. The evaluation instruments must be bias free.

PREPARATION & EQUIPMENT

Learning objectives
Audience characteristics
Training goals
See Instruction Sheet-Instructor II Performance Skills



Candidate:	Notes:	_
Test Site:		_
Training Provider:		_
Examiner:		—

	TES	<u>ST</u>	<u>RE</u>	<u>rest</u>
Evaluation and Testing- Performance Test # 10	PASS	FAIL	PASS	FAIL
Develop student evaluation instruments, given learning objectives, audience characteristics, and training goals, so that the evaluation instrument determines if the student has achieved the learning objectives, the instrument evaluates performance in an objective, reliable, and verifiable manner, and the evaluation instrument is bias free to any audience or group.				
The candidate:	S	U	S	U
a) Created and assembled a student evaluation instrument.				
b) Created an instrument that determines if the student has achieved the learning objectives.				
c) Created an instrument that evaluates performance in an objective manner.				
d) Created an instrument that evaluates performance in a reliable manner				
e) Created an instrument that evaluates performance in a verifiable manner.				
f) Created an instrument that evaluates performance in a valid manner.				
g) Included instructions.				
h) Included a question example with a sample response.				
i) Included an answer key				
j) Created an instrument that is bias free. 40/Perform	ance Test			



Otner		
1.	 	
2	 	
Proctor Comments:		
Proctor (Print & Sign):	 Date	
Re-Test Proctor (Print & Sign):	 Date	
Re-Test candidate (Print & Sign):	Date	



Candidate:	Notes:
Test Site:	
Training Provider:	
Examiner:	

	TE	EST T	<u>RE</u>	<u>TEST</u>
Evaluation and Testing- Performance Test # 10	PASS	FAIL	PASS	FAIL
Develop student evaluation instruments, given learning objectives, audience characteristics, and training goals, so that the evaluation instrument determines if the student has achieved the learning objectives, the instrument evaluates performance in an objective, reliable, and verifiable manner, and the evaluation instrument is bias free to any audience or group.				
The candidate:	S	U	S	U
a) Created and assembled a student evaluation instrument.				
b) Created an instrument that determines if the student has achieved the learning objectives.				
c) Created an instrument that evaluates performance in an objective manner.				
d) Created an instrument that evaluates performance in a reliable manner.				
e) Created an instrument that evaluates performance in a verifiable manner				
f) Created an instrument that evaluates performance in a valid manner				
g) Included instructions.				
h) Included methods of rating				
i) Created an instrument that is bias free.				



Other		
1	 	
Proctor Comments:		
Proctor (Print & Sign):	 Date	
Re-Test Proctor (Print & Sign):	 Date	
Re-Test candidate (Print & Sign):	 Date	



Evaluation and Testing

Performance Test # 11

Creating a Class Evaluation Instrument

PERFORMANCE STANDARD

Develop a class evaluation instrument, given agency policy and evaluation goals, so that students have the ability to provide feedback to the instructor on instructional methods, communication techniques, learning environment, course content, and student materials. [NFPA 1041 5.5.3]

INSTRUCTIONS - procedures for achieving the objective

Given agency policy and evaluation goals, you shall create a written class evaluation instrument that allows for student feedback on instructional methods, communication techniques, learning environment, course content and student materials.

PREPARATION & EQUIPMENT

See Instruction Sheet-Instructor II Performance Skills



Candidate:	Notes:					
Test Site:						
Training Provider:						
Examiner:						
Evaluation and Testing- Performance Test # 11						
Develop a class evaluation instrument, given agency policy and evaluation goals, so that students have the ability to provide feedback to the instructor on instructional methods, communication techniques, learning environment, course content, and student materials.			TEST		RETEST	
			FAIL	PASS	FAIL	
The candidate:		S	U	S	U	
a) Created a class evaluation instrument						
b) Developed an instrument that allows feedback from s	tudents to the Instructor.					
c) Included opportunity for feedback on instructional me	thods.					
d) Included opportunity for feedback on communication	techniques					
e) Included opportunity for feedback on learning environ	iment.					
f) Included opportunity for feedback on course content, s	student materials.					
Other 1 2 Proctor Comments:						
Proctor (Print & Sign):		_ Date				
Re-Test Proctor (Print & Sign):		_ Date				
Re-Test candidate (Print & Sign):		_ Date				



Evaluation and Testing

Performance Test # 12

Analyzing Student Evaluation Instruments

PERFORMANCE STANDARD

Analyze student evaluation instruments, given test data, objectives and agency policies, so that validity is determined and necessary changes are accomplished. **[NFPA 1041 5.5.4]**

INSTRUCTIONS - procedures for achieving the objective

Given test data, evaluation instruments and learning objectives, you shall analyze the student evaluation instruments (exam, skill sheet) to determine the validity of the evaluation instrument. The analysis shall be conducted in compliance with agency policies.

You shall recommend changes necessary for the evaluation instrument to be valid.

PREPARATION & EQUIPMENT

Skill 2-12 Activity Sheet Policies See Instruction Sheet-Instructor II Performance Skills



Candidate:	Notes:				
Test Site:					
Training Provider:					
Examiner:					
Evaluation and Testing- Performance Test # 12					
		TE	EST	RE'	ГЕЅТ
Analyze student evaluation instruments, given test data, objectives and agency policies, so that validity is determined and necessary changes are accomplished.		PASS	FAIL	PASS	FAIL
The candidate:		S	U	S	U
a) Performed item analysis of evaluation instrument.					
b) Conducted analysis using learning objectives.					
c) Conducted analysis using test data.					
d) Conducted analysis in compliance with agency policies.					
e) Determined instrument validity.					
f) Recommended necessary changes to create a valid evaluation	n instrument.				
Other					
1	- <u></u>			- <u></u>	
Proctor Comments:					
Proctor (Print & Sign):		_ Date			
Re-Test Proctor (Print & Sign):		_ Date			
Re-Test candidate (Print & Sign):		Date			



Evaluation and Testing Performance Test # 12 Activity Sheet

Analyzing Student Evaluation Instruments

The following student evaluation instrument was given to 20 students at the conclusion of a lesson on Automatic Fire Sprinkler Systems. The learning objectives for the lesson are:

- The firefighter trainee will recognize and explain the types of sprinkler heads and their operation.
- The firefighter trainee will identify the various types of sprinkler systems and the components of each type.
- The firefighter trainee will identify control valves for fire sprinkler systems and explain their operation.

The reference material for the lesson is from <u>Firefighter's Handbook: Basic Essentials of Firefighting</u>, Thomson Delmar Learning.



Performance Test # 12

Sprinkler System Test 1

Directions: Each of the following questions is followed by four possible answer choices. Only one of the answer choices is correct. Read each statement carefully and select the correct answer. Fill-in the bubble on the answer form corresponding to your answer choice.

- 1. The marking "SSU" on a sprinkler head indicates:
 - a. Sprinkler System Universal
 - b. Standard Sprinkler United
 - c. Sprinkler Standard Union
 - d. Standard Sprinkler Upright
- 2. Sprinkler head orifice sizes other than $\frac{1}{2}$ or $\frac{17}{32}$ are noted on the sprinkler frame and can be easily identified by the _____ on top of the deflector.
 - a. Threads
 - b. Pintle
 - c. Spindle
 - d. Link
- 3. Which of the following is **not** a fusible element found in sprinkler heads?
 - a. Fusible Link
 - b. Deflector
 - c. Liquid Filled Bulb
 - d. Chemical Pellet
- 4. Which of the following fire sprinkler systems has water under pressure throughout the system piping at all times?
 - a. Dry Pipe
 - b. Wet Pipe
 - c. Deluge
 - d. Pre-Action
- 5. Which of the following components are common to all types of automatic sprinkler systems?
 - a. Water supply, Control Valve, Solenoid, Main Drain Valve, Heads
 - b. Water supply, Air Compressor, Control Valve, Operating Valve, Piping
 - c. Water supply, Control Valve, Main Drain Valve, Heads, Alarm
 - d. Water supply, Operating Valve, Check Valve, Solenoid, Heads, Alarm



Deluge A a. b. c.) is a good example of an area that is typically protected by Automatic Sprinkler system. . Nursing Home . Aircraft Hanger . Computer Room . Theater
sy a. b. c.	
system? a. b. c.	n of the following is not a control valve found on an automatic sprinkler Post Indicator Valve (PIV) Outside Stem and Yoke Valve (OS&Y) Pressure Reducing Valve (PRV) Wall Indicator Valve (WIV)
type. a. b. c.	Indicating Indicating Remote Control Check
position a. b.	h of the following valves shows the words "OPEN" or "SHUT" to indicate the of the valve? . Wafer Check, and Grooved Check Valves . Butterfly and Post Indicator Valves . OS&Y and Wall Indicator Valves

d. Post Indicator and Wall Indicator Valves



Sprinkler System Test 1 Analysis Data

Question 1: Correct Answer – D	Question 6: Correct Answer – B
Responses: A – 6 (30%)	Responses: A – 2 (10%)
B – 4 (20%)	B – 13 (65%)
C – 5 (25%)	C – 2 (10%)
D – 5 (25%)	D – 3 (15%)
Question 2: Correct Answer - B	Question 7: Correct Answer – A
Responses: A – 14 (70%)	Responses: A – 1 (5%)
B – 2 (10%)	B – 7 (35%)
C – 3 (15%)	C – 6 (30%)
D – 1 (5%)	D - 6 (30%)
Question 3: Correct Answer – B	Question 8: Correct Answer – C
Responses: A – 3 (15%)	Responses: A – 2 (10%)
B – 12 (60%)	B – 8 (40%)
C – 1 (5%)	C – 8 (40%)
D – 4 (20%)	D – 2 (10%)
Question 4: Correct Answer – B	Question 9: Correct Answer - A
Responses: A – 0 (0%)	Responses: A – 6 (30%)
B – 18 (90%)	B – 7 (35%)
C - 0 (0%)	C – 5 (25%)
D – 2 (10%	D – 2 (10%)
Question 5: Correct Answer – C	Question 10: Correct Answer – D
Responses: A – 4 (20%)	Responses: A – 2 (10%)
B – 5 (25%)	B – 5 (25%)
C - 6 (30%)	C – 7 (35%)
D – 5 (25%)	D – 6 (30%)