



FIRE INSTRUCTOR 1A

Cognitive Lesson Delivery

COURSE OUTLINE

Course Objectives: To provide the student with...

- a) Provide fire service personnel with a variety of methods and techniques for training in accordance with the latest concepts in career education.
- b) Prepare fire service personnel to select, develop, organize, and utilize instructional materials appropriate for teaching cognitive lessons.
- c) Provide fire service personnel with various criteria and methods to evaluate teaching and learning efficiency.
- d) Provide fire service personnel with an opportunity to apply major principles of learning through teaching demonstrations.

Course Content: 40:00

Unit 1: Introduction

1-1 Orientation And Administration..... 1:00

Unit 2: Methodology

2-1 Fire and Emergency Services Instruction As It Relates To Cognitive Training..... 1:30

2-2 Legal And Ethical Considerations As They Relate To Cognitive Training 1:30

2-3 Effective Interpersonal Communications 1:00

2-4 Principles Of Learning 1:00

2-5 Defining Levels Of Instruction 1:00

2-6 Components Of Learning Objectives 1:00

2-7 Methods of Instructional Delivery 1:00

2-8 Employing The Four-step Method Of Instruction As It Relates To
Cognitive Training 0:30

2-9 Presentation Techniques For Cognitive Training 2:00

2-10 Student Attitudes And Behaviors..... 1:00

Unit 3: Instructional Adaptation And Delivery

3-1 Assembling And Reviewing Instructional Materials As They Relate To
Cognitive Training 1:00

3-2 Adapting Cognitive Lesson Materials 1:00

3-3 Managing The Learning Environment for Cognitive Training 0:30

3-4 Selecting And Using Audiovisual Media Equipment..... 1:30

3-5 Procedure Used For Evaluating Student Teaching Presentations 1:00



FIRE INSTRUCTOR 1A

Cognitive Lesson Delivery

Unit 4: Testing

4-1 Introduction To And Administration Of Oral And Written Tests (Activity to Administer)	1:00
4-2 Student Progress And Testing Feedback.....	0:30
Student Teaching Presentations	17:00
Periodic Tests	3:00
Certification Exam	1:00

TEXTS & REFERENCES:

- Fire and Emergency Services Instructor, IFSTA, Seventh Edition

Draft 1.3



FIRE INSTRUCTOR 1A

Cognitive Lesson Delivery

Calendar of Events

DAY	TOPIC	TITLE	TIME	ACTIVITY	EVALUATION
Day 1	1-1	Orientation And Administration	1:00		
	2-1	Fire and Emergency Services Instruction As It Relates To Cognitive Training	1:30		
	2-2	Legal And Ethical Considerations As They Relate To Cognitive Training	1:30		
	2-3	Effective Interpersonal Communications	1:00		
	2-4	Principles Of Learning	1:00		
	2-5	Defining Levels Of Instruction	1:00		
	2-6	Components Of Learning Objectives	1:00		
Day 1 Total			8:00		
Day 2			1:00		Test 1
	2-7	Methods of Instructional Delivery	1:00		
	2-8	Employing The Four-step Method Of Instruction As It Relates To Cognitive Training	0:30		
	2-9	Presentation Techniques For Cognitive Training	2:00		
	2-10	Student Attitudes And Behaviors	1:00		
	3-1	Assembling And Reviewing Instructional Materials As They Relate To Cognitive Training	1:00		
	3-2	Adapting Cognitive Lesson Materials	1:00	3-2-1	
3-3	Managing The Learning Environment for Cognitive Training	0:30			
Day 2 Total			8:00		
Day 3			1:00		Test 2
	3-4	Selecting And Using Audiovisual Media Equipment	1:30		
	3-5	Evaluating Student Presentations	1:00		
		Student Instructor Teaching Demonstrations	4:30	###	
Day 3 Total			8:00		



FIRE INSTRUCTOR 1A

Cognitive Lesson Delivery

DAY	TOPIC	TITLE	TIME	ACTIVITY	EVALUATION
Day 4			1:00		Test 3
	4-1	Introduction To And Administration Of Oral And Written Tests	1:00	4-1-1	
	4-2	Student Progress And Testing Feedback	0:30		
		Student Instructor Teaching Demonstrations	5:30	#-#-#	
	Day 4 Total			8:00	
Day 5		Student Instructor Teaching Demonstrations	7:00	#-#-#	
			1:00		Final Exam
	Day 5 Total			8:00	
Course Total			40:00		

Draft



FIRE INSTRUCTOR 1B

Psychomotor Lesson Delivery

COURSE OUTLINE

Course Objectives: To provide the student with...

- a) A variety of methods and techniques for training in accordance with the latest concepts in career education.
- b) Information to select, develop, organize, and utilize instructional materials appropriate for teaching psychomotor lessons.
- c) Various criteria and methods to evaluate teaching and learning efficiency.
- d) An opportunity to apply major principles of learning through teaching demonstrations.

Course Content:	40:00
Unit 1: Introduction	
1-1 Orientation And Administration.....	1:00
Unit 2: Methodology	
2-1 Fire and Emergency Services Instruction As It Relates To Psychomotor Training.....	1:30
2-2 Legal And Ethical Considerations As They Relate To Psychomotor Training	1:30
2-3 Employing The Four-step Method Of Instruction As It Relates To Psychomotor Training	1:00
2-4 Presenting Psychomotor Instruction.....	1:00
Unit 3: Instructional Adaptation And Delivery	
3-1 Assembling And Reviewing Instructional Materials As They Relate To Psychomotor Training	2:00
3-2 Adapting Psychomotor Lesson Materials	2:00
3-3 Selecting And Using Training Aids.....	1:30
3-4 Managing The Learning Environment for Psychomotor Training	0:30
3-5 Procedure Used For Evaluating Student Teaching Presentations	1:00
Unit 4: Testing	
4-1 Introduction To And Administration Of Performance Tests (Activity to Administer)....	2:00
4-2 Student Progress And Testing Feedback.....	1:00
Student Teaching Presentations	20:00
Periodic Tests	3:00
Certification Exam	1:00

TEXTS & REFERENCES:

- Fire and Emergency Services Instructor, IFSTA, Seventh Edition



FIRE INSTRUCTOR 1B

Psychomotor Lesson Delivery

Calendar of Events

DAY	TOPIC	TITLE	TIME	ACTIVITY	EVALUATION
Day 1	1-1	Orientation And Administration	1:00		
	2-1	Fire and Emergency Services Instruction As It Relates To Psychomotor Training	1:30		
	2-2	Legal And Ethical Considerations As They Relate To Psychomotor Training	1:30		
	2-3	Employing The Four-step Method Of Instruction As It Relates To Psychomotor Training	1:00		
	2-4	Presenting Psychomotor Instruction	1:00		
	3-1	Assembling And Reviewing Instructional Materials As They Relate To Psychomotor Training	2:00		
	Day 1 Total			8:00	
Day 2	3-2	Adapting Psychomotor Lesson Materials	2:00		
	3-3	Selecting And Using Training Aids	1:30		
	3-4	Managing The Learning Environment for Psychomotor Training	0:30		
		Student Instructor Teaching Demonstrations	3:00		
			1:00		Test 1
	Day 2 Total			8:00	
Day 3		Student Instructor Teaching Demonstrations	7:00		
			1:00		Test 2
	Day 3 Total			8:00	
Day 4	3-5	Procedure Used For Evaluating Student Teaching Presentations	1:00		
	4-1	Introduction To And Administration Of Performance Tests	2:00		
	4-2	Student Progress And Testing Feedback	1:00		
		Student Teaching Presentations	4:00		
			1:00		Test 3
Day 4 Total			8:00		
Day 5		Student Teaching Presentation	7:00		
			1:00		Final Exam
	Day 5 Total			8:00	
Course Total			40:00		



FIRE INSTRUCTOR 1C

Instructional Development Techniques

COURSE OUTLINE

Course Objectives: To provide the student with...

- a) A variety of methods and techniques for developing lesson plans and tests in accordance with the latest concepts in career education.
- b) Information to develop cognitive and psychomotor lesson plans and related supplemental materials.
- c) Various testing instruments to evaluate teaching and learning efficiency.
- d) An opportunity to develop, receive feedback, and finalize instructional materials to deliver a teaching demonstration.

Course Content:	40:00
Unit 1: Introduction	
1-1 Orientation And Administration.....	1:00
1-2 Pretest (Fire Instructor 1A and 1B).....	1:00
Unit 2: Methodology	
Needs Assessment (not in Training Instructor CTS).....	0:30
2-1 Reasons For Lesson Plan Development.....	0:30
2-2 Sources Of References And Materials.....	0:30
2-3 Establishing Levels Of Instruction.....	1:00
2-4 Employing The Four-step Method Of Instruction.....	0:30
Unit 3: Instructional Preparation And Delivery	
3-1 Elements Of A Course Outline.....	0:30
3-2 Components Of Cognitive And Psychomotor Lesson Plans.....	1:00
3-3 Developing Learning Objectives (Student Behavioral Objective, Terminal/Enabling)	1:30
3-4 Developing A Cognitive Lesson Plan (SFT Format).....	2:00
3-5 Developing A Psychomotor Lesson Plan (SFT Format).....	1:30
3-6 Developing And Employing Supplemental Materials.....	1:30
3-7 Employing Audiovisual Media And Props.....	0:30
3-8 Transition Techniques Within And Between Media.....	1:00
3-9 Audiovisual Equipment Cleaning And Field Level Maintenance.....	0:30
3-10 Developing Audiovisual Media.....	3:00
3-11 Determining Lesson Plan Effectiveness.....	0:30



FIRE INSTRUCTOR 1C

Instructional Development Techniques

Unit 4: Testing

4-1 Purpose And Elements Of Test Instruments	0:30
4-2 Criteria For Selecting The Test Instrument.....	0:30
4-3 Creating Oral, Written, And Performance Tests	3:00
4-4 Methods Of Administering And Grading Test Instruments (Oral and Written)	0:30
Instructional Development Feedback and Finalize.....	14:00
Periodic Tests	2:00
Certification Exam	1:00

TEXTS & REFERENCES:

- Fire and Emergency Services Instructor, IFSTA, Seventh Edition

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FIRE INSTRUCTOR 1C

Instructional Development Techniques

Calendar of Events

DAY	TOPIC	TITLE	TIME	ACTIVITY	EVALUATION
Day 1	1-1	Orientation and Administration	1:00		
	1-2	Pretest (Fire Instructor 1A and 1B)	1:00	1-2-1	
		Needs Assessment	0:30		
	2-1	Reasons For Lesson Plan Development	0:30		
	2-2	Sources Of References And Materials	1:00		
	2-3	Establishing Levels Of Instruction	0:30		
	2-4	Employing The Four-step Method Of Instruction	0:30		
	3-1	Elements Of A Course Outline	0:30		
	3-2	Components Of Cognitive And Psychomotor Lesson Plans	1:30		
	3-3	Developing Learning Objectives	1:00	3-3-1	
	Day 1 Total			8:00	
Day 2			1:00		Test 1
	3-4	Developing A Cognitive Lesson Plan	2:00	3-4-1	
	3-5	Developing A Psychomotor Lesson Plan	1:30	3-5-1	
		Instructional Development Feedback and Finalize (In Class)	3:30	###	
	Day 2 Total			8:00	
Day 3	3-6	Developing And Employing Supplemental Materials	1:30	3-6-1	
	3-7	Employing Audiovisual Media And Props	0:30		
	3-8	Transition Techniques Within And Between Media	1:00		
	3-9	Audiovisual Equipment Cleaning And Field Level Maintenance	0:30		
	3-10	Developing Audiovisual Media	3:00	3-10-1	
	3-11	Determining Lesson Plan Effectiveness	0:30	3-11-1	
		Instructional Development Feedback and Finalize (In Class)	1:00		
Day 3 Total			8:00		



FIRE INSTRUCTOR 1C

Instructional Development Techniques

DAY	TOPIC	TITLE	TIME	ACTIVITY	EVALUATION
			1:00		Test 2
Day 4	4-1	Purpose And Elements Of Test Instruments	0:30		
	4-2	Criteria For Selecting The Test Instrument	0:30		
		Instructional Development Feedback and Finalize (In Class)	6:00	###	
	Day 4 Total		8:00		
Day 5	4-3	Creating Oral, Written, And Performance Tests	3:00	4-3-1	
	4-4	Methods Of Administering And Grading Test Instruments	0:30	4-4-1	
		Instructional Development Feedback and Finalize (In Class)	3:30	###	
			1:00		Final Exam
Day 5 Total		8:00			
Course Total		40:00			

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FIRE INSTRUCTOR 1C

Instructional Development Techniques

COURSE OUTLINE

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- b) Information to develop cognitive and psychomotor lesson plans and related supplemental materials.
- c) Various testing instruments to evaluate teaching and learning efficiency.
- d) An opportunity to develop, receive feedback, and finalize instructional materials to deliver a teaching demonstration.

Course Content:	40:00
Unit 1: Introduction	
1-1 Orientation And Administration.....	1:00
1-2 Pretest (Fire Instructor 1A and 1B).....	1:00
Unit 2: Methodology	
Needs Assessment (not in Training Instructor CTS).....	0:30
2-1 Reasons For Lesson Plan Development.....	0:30
2-2 Sources Of References And Materials.....	0:30
2-3 Establishing Levels Of Instruction.....	1:00
2-4 Employing The Four-step Method Of Instruction.....	0:30
Unit 3: Instructional Preparation And Delivery	
3-1 Elements Of A Course Outline.....	0:30
3-2 Components Of Cognitive And Psychomotor Lesson Plans.....	1:00
3-3 Developing Learning Objectives (Student Behavioral Objective, Terminal/Enabling).....	1:30
3-4 Developing A Cognitive Lesson Plan (SFT Format).....	2:00
3-5 Developing A Psychomotor Lesson Plan (SFT Format).....	1:30
3-6 Developing And Employing Supplemental Materials.....	1:30
3-7 Employing Audiovisual Media And Props.....	0:30
3-8 Transition Techniques Within And Between Media.....	1:00
3-9 Audiovisual Equipment Cleaning And Field Level Maintenance.....	0:30
3-10 Developing Audiovisual Media.....	3:00
3-11 Determining Lesson Plan Effectiveness.....	0:30



FIRE INSTRUCTOR 1C

Instructional Development Techniques

Unit 4: Testing

4-1 Purpose And Elements Of Test Instruments	0:30
4-2 Criteria For Selecting The Test Instrument.....	0:30
4-3 Creating Oral, Written, And Performance Tests	3:00
4-4 Methods Of Administering And Grading Test Instruments (Oral and Written)	0:30
Instructional Development Feedback and Finalize.....	14:00
Periodic Tests	2:00
Certification Exam	1:00

TEXTS & REFERENCES:

- Fire and Emergency Services Instructor, IFSTA, Seventh Edition

Draft



Memo

DATE: November 27, 2007

TO: Mike Richwine, Chief, State Fire Training

FROM: Ron L. Martin, Chair, Fire Instructor Curriculum Committee

SUBJECT: Adoption of the Fire and Emergency Services Instructor, FPP/IFSTA, Seventh Edition

The fire service has indeed changed dramatically over the past two decades. Concurrently, the status and the needs of fire service instructors have changed along with our profession. If there ever was any question of the importance of the fire service instructor role, that question has been put to rest by the establishment of the Standard for Fire Service Instructor Professional Qualifications, NFPA, 1041. This document recognizes teaching as a separate and distinct area of the fire service competence with highly specific standards stated covering a special body of knowledge.

While speaking on behalf of the Fire Instructor Curriculum Committee, I make no attempt to exclusively state that the Fire and Emergency Services Instructor, Seventh Edition is the only text that addresses the instructional aspects of NFPA 1041.

In addition to the Fire and Emergency Services Instructor, FPP/IFSTA, Seventh Edition, we reviewed the following three texts:

- ▲ Fire Service Instructor, Working Draft, Jones and Bartlett
- ▲ Fire Service Instructor, Delmar Thompson
- ▲ Robert Mager Six Pack, Mager

These resources provided meaningful and effective information. Please note that we will establish a standing committee to continue reviewing other texts, existing and new, to confirm that the best text is used for the delivery of these important curricula.

It is the committee's consensus that State Fire Training adopt the Fire and Emergency Services Instructor, FPP/IFSTA, Seventh Edition for the following reasons:

- ▲ State Fire Training adopted Fire Service Instructor, FPP/IFSTA, Fourth and Fifth Editions to support previous curricula.
- ▲ Is an established recognized industry standard used by a large percentage of other states, departments, and agencies.
- ▲ Provides an extensive question test bank related to our new curricula.
- ▲ Provides a highly organized and familiar format for the end user.
- ▲ Provides a text that is based on the Standard for Fire Service Instructor Professional Qualifications, NFPA, 1041.
- ▲ Is compatible with our current curriculum revision process.

It is essential that one primary text be used to support our new curricula and it is our belief that this is the most appropriate text to meet our students' needs.

cc: Fire Instructor Curriculum Committee