

**FIRE 200.1 Course Outline as of Fall 2011****CATALOG INFORMATION**

Dept and Nbr: FIRE 200.1 Title: TRAINING INSTRUCTOR 1A

Full Title: Training Instructor 1A

Last Reviewed: 3/14/2011

Units		Course Hours per Week		Nbr of Weeks	Course Hours Total	
Maximum	2.00	Lecture Scheduled	2.00	17.5	Lecture Scheduled	35.00
Minimum	2.00	Lab Scheduled	0.25	5	Lab Scheduled	4.38
		Contact DHR	0		Contact DHR	0
		Contact Total	2.25		Contact Total	39.38
		Non-contact DHR	0		Non-contact DHR	0

Total Out of Class Hours: 70.00

Total Student Learning Hours: 109.38

Title 5 Category: AA Degree Applicable

Grading: P/NP Only

Repeatability: 00 - Two Repeats if Grade was D, F, NC, or NP

Also Listed As:

Formerly: FIRE 200A

**Catalog Description:**

Provides fire and emergency services personnel a variety of instructional methods and techniques relative to cognitive training using the latest concepts of career-technical education and to select, develop, organize, and utilize instructional material appropriate for teaching technical fire technology lessons. Upon successful completion of the course, the student will be awarded a Training Instructor 1A certificate from the State Fire Marshal's office.

**Prerequisites/Corequisites:**

Course Completion of FIRE 71 or equivalent

**Recommended Preparation:**

Eligibility for ENGL 100 or ESL 100 and Course Completion of FIRE 208.1 or equivalent

**Limits on Enrollment:****Schedule of Classes Information:**

Description: Provides fire and emergency services personnel a variety of instructional methods and techniques relative to cognitive training using the latest concepts of career-technical education and to select, develop, organize, and utilize instructional material appropriate for teaching technical fire technology lessons. Upon successful completion of the course, the student

will be awarded a Training Instructor 1A certificate from the State Fire Marshal's office. (P/NP Only)

Prerequisites/Corequisites: Course Completion of FIRE 71 or equivalent

Recommended: Eligibility for ENGL 100 or ESL 100 and Course Completion of FIRE 208.1 or equivalent

Limits on Enrollment:

Transfer Credit:

Repeatability: Two Repeats if Grade was D, F, NC, or NP

## **ARTICULATION, MAJOR, and CERTIFICATION INFORMATION:**

<b>AS Degree:</b>	<b>Area</b>	Effective:	Inactive:
<b>CSU GE:</b>	<b>Transfer Area</b>	Effective:	Inactive:
<b>IGETC:</b>	<b>Transfer Area</b>	Effective:	Inactive:
<b>CSU Transfer:</b>		Effective:	Inactive:
<b>UC Transfer:</b>		Effective:	Inactive:

**CID:**

**Certificate/Major Applicable:**

Certificate Applicable Course

## **COURSE CONTENT**

### **Outcomes and Objectives:**

1. Identify the training methods and techniques used in the latest concepts in career-technical education.
2. Select, adapt, organize and utilize instructional materials appropriate for teaching cognitive lessons.
3. Describe the criteria and methods used to evaluate teaching and learning efficiency.
4. Demonstrate the major learning principles through teaching demonstrations.

### **Topics and Scope:**

1. Orientation
2. Instructional methodology, adaption, and delivery
  - a. Fire and emergency services instruction as it relates to cognitive training
  - b. Principles of learning
  - c. Defining levels of instruction
  - d. Components of learning objectives
  - e. Employing the four-step method as it relates to cognitive training
  - f. Assembling and reviewing instructional materials as they relate to cognitive training
  - g. Adapting cognitive lesson materials
  - h. Legal and ethical considerations as they relate to cognitive training
  - i. Methods of instructional delivery
  - j. Presentation techniques for cognitive training
  - k. Selecting and using audiovisual training aids and devices
  - l. Effective interpersonal communications

- m. Students' attitudes and behaviors
- n. Procedures used for evaluating student instructor teaching demonstrations
- 3. Testing
  - a. Introduction to and administration of oral and written tests
  - b. Student progress and testing feedback
- 4. Student instructor teaching demonstrations
- 5. Formative tests
- 6. Summative tests

### Assignment:

- 1. Read 20-40 pages prior to each class session
- 2. Assemble, review and adapt instructional lesson materials
- 3. Preparation of a cognitive lesson plan
- 4. Perform cognitive teaching demonstrations
- 5. Evaluation of cognitive teaching demonstrations assignment
- 6. Evaluate cognitive teaching demonstrations
- 7. Perform sample summative test
- 8. Study for state exam
- 9. State exam

### Methods of Evaluation/Basis of Grade:

**Writing:** Assessment tools that demonstrate writing skills and/or require students to select, organize and explain ideas in writing.

Lesson plans

Writing  
0 - 10%

**Problem Solving:** Assessment tools, other than exams, that demonstrate competence in computational or non-computational problem solving skills.

Adaptive cognitive lesson materials

Problem solving  
0 - 10%

**Skill Demonstrations:** All skill-based and physical demonstrations used for assessment purposes including skill performance exams.

Teaching demonstrations

Skill Demonstrations  
30 - 40%

**Exams:** All forms of formal testing, other than skill performance exams.

State exam

Exams  
40 - 50%

**Other:** Includes any assessment tools that do not logically fit into the above categories.

Attendance and participation

Other Category  
20 - 30%

**Representative Textbooks and Materials:**

CFSTES Manual Fire Instructor A, California Fire Service Training and Education System, Sacramento, CA 2009.

Fire and Emergency Services Instructor, IFSTA 7th ed. Oklahoma City, OK, 2008

Corps Business, David H. Freedman, 2000 Ed.

Legal Considerations for Fire and Emergency Services, J. Curtis Varone, 2007 Ed.