FIRE 200.3 Course Outline as of Fall 2011

CATALOG INFORMATION

Dept and Nbr: FIRE 200.3 Title: TRAINING INSTRUCTOR 1C
Full Title: Training Instructor 1C Instructional Development Techniques
Last Reviewed: 5/16/2011

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:	Grade or P/NP
Repeatability:	00 - Two Repeats if Grade was D, F, NC, or NP
Also Listed As:	
Formerly:	

Catalog Description:
Provides fire and emergency services personnel a variety of methods and techniques for developing lesson plans, tests, and supplemental material related to cognitive and psychomotor learning in accordance with the latest concepts in career technical education. Additionally, this course provides students with opportunities to present cognitive and psychomotor lessons, receive appropriate feedback on their performance, and finalize instructional materials and methods appropriate for teaching technical Fire Technology lessons.

Prerequisites/Corequisites:
Course completion of FIRE 200.1 and FIRE 200.2

Recommended Preparation:

Limits on Enrollment:

Schedule of Classes Information:
Description: Provides fire and emergency services personnel a variety of methods and techniques for developing lesson plans, tests, and supplemental material related to cognitive and psychomotor learning in accordance with the latest concepts in career technical education.

Additionally, this course provides students with opportunities to present cognitive and psychomotor lessons, receive appropriate feedback on their performance, and finalize instructional materials and methods appropriate for teaching technical Fire Technology lessons. (Grade or P/NP)
Prerequisites/Corequisites: Course completion of FIRE 200.1 and FIRE 200.2
Recommended:
Limits on Enrollment:
Transfer Credit:
Repeatability: Two Repeats if Grade was D, F, NC, or NP

ARTICULATION, MAJOR, and CERTIFICATION INFORMATION:

AS Degree:	**Area**	Effective:	Inactive:
CSU GE:	**Transfer Area**	Effective:	Inactive:
IGETC:	**Transfer Area**	Effective:	Inactive:

CSU Transfer:	Effective:	Inactive:
UC Transfer:	Effective:	Inactive:

CID:

Certificate/Major Applicable:
Both Certificate and Major Applicable

COURSE CONTENT

Outcomes and Objectives:
1. Demonstrate the ability to use a variety of instructional methods.
2. Use a variety of techniques in developing lesson plans.
3. Identify the various testing instruments necessary to evaluate teaching and learning.
4. Select the information necessary to develop cognitive and psychomotor lesson plans and supplemental materials.
5. Create assessment tools in accordance with the latest concepts in career education.

Topics and Scope:

1. Orientation and Administration
2. Instructional Methodology
   a. Lesson plan development
   b. Sources of references and materials
   c. Determining levels of instruction
   d. Employing the four-step method of instruction
   e. Teaching diverse learners
3. Instructional Preparation and Delivery
   a. Elements of a course outline
   b. Components of cognitive and psychomotor lesson plans
   c. Developing student behavioral objectives
   d. Developing a cognitive lesson plan
   e. Developing a psychomotor lesson plan

f. Developing and employing ancillary components
g. Selecting and employing multi-media training aids
h. Transition techniques within and between training aid devices
i. Cleaning and field level maintenance for multi-media training aid devices
j. Develop multi-media training aids
k. Procedures used for evaluating student instructor teaching demonstrations

4. Testing
   a. Purpose, section criteria and elements of test instruments
   b. Creating oral, written, and performance tests
   c. Methods of administering and grading test instruments
5. Student Instructor Teaching Demonstrations
6. Formative Tests
7. Summative Tests

Assignment:

1. Read 1- 30 pages prior to each class session
2. Assemble, review and adapt instructional lesson materials
3. Prepare a cognitive lesson plan
4. Prepare a psychomotor lesson plan
5. Perform a cognitive teaching demonstration
6. Perform a psychomotor teaching demonstration
7. Evaluate two cognitive teaching demonstrations
8. Evaluate two psychomotor teaching demonstrations
9. Create and administer sample summative test
10. Create and administer sample formative test
11. State certification 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 plan, student activities and assessment tools	Writing 5 - 10%

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

Lesson plans, student activities, critiques, and assessment tools	Problem solving 5 - 10%

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

Teaching demonstration and assessment demonstration	Skill Demonstrations 25 - 35%

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

State certification exam	Exams 50 - 60%

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

None	Other Category 0 - 0%

Representative Textbooks and Materials:
CFSTES Student Suppliment Fire Instructor 1C, California Fire Service Training and Education System, Sacramento, CA 2009.
Fire and Emergency Services Instructor, IFSTA 7th Ed. Oklahoma City, OK; 2008