

**Florida Department of Education
CURRICULUM FRAMEWORK**

Program Title: FIRE INSTRUCTOR
Program Type: Job Preparatory
Occupational Area: Public Service Occupations
Components: One Program with Two Occupational Completion Points

PSAV

Program Numbers	P430207
CIP Number	0743.029900
Grade Level	30, 31
Standard Length	80 hours
Certification	FIRE FIGHT @7 G
CSO	N/A
Facility Code	264
Co-op Method	Yes
Apprenticeship	Yes
Basic Skills	
Math	11
Language	11
Reading	11

- I. **MAJOR CONCEPTS/CONTENT:** The purpose of this program is to prepare students for employment as fire instructors (SOC 25-1194) in paid, volunteer, and combination fire departments and industry.

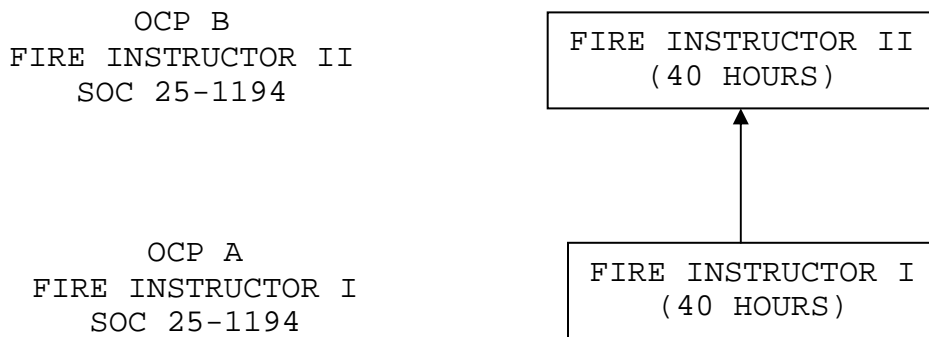
The program must be approved by the Division of State Fire Marshal, Bureau of Fire Standards and Training (BFST). Outcomes and Student Performance Standards in this program have been adapted from the National Fire Protection Association Instructor Professional Qualifications (NFPA 1041), as regulated by the Florida BFST through Chapter 633, F.S. and the State Fire Marshal Rules, Chapter 69A-37, Florida Administrative Code (F.A.C.).

The content includes, but is not limited to, an understanding of adult learning; beginning, gaining leadership of, concluding, and evaluating an active training group; giving presentations and leading discussions; facilitating structured activities and promoting team learning; assessing the need for training and the participants; developing active training objectives; creating opening exercises; preparing effective lectures; finding alternative methods to lecturing; using experiential learning approaches; designing active training activities; sequencing active training activities; providing for back-on-the-job applications; and planning active training programs.

Reinforcement of basic skills in English, mathematics, and science appropriate for the job preparatory programs is provided through career and technical classroom instruction and applied laboratory procedures or practice. This program focuses on broad, transferable skills and stresses understanding and

demonstration of the following elements of the public service industry; planning, management, finance, technical and production skills, underlying principles of technology, labor issues, community issues and health, safety and environmental issues.

- II. **PROGRAM STRUCTURE:** This program is a planned sequence of instruction consisting of one program with two occupational completion points. When the recommended sequence of instruction is followed, the structure will allow students to complete specified portions of the program for employment or remain for advanced training. A student who completes the applicable competencies at any occupational completion point may either continue with the training program or terminate as an occupational completer.



- III. **LABORATORY ACTIVITIES:** Laboratory and field activities are an integral part of this program. Out of classroom experiences must be provided with field trips to view actual installations, and test operations of, a sampling of systems equipment.
- IV. **SPECIAL NOTES:** Completion of courses in fire behavior is strongly encouraged.

Cooperative training - OJT is appropriate for this program. Whenever cooperative training - OJT is offered, the following are required for each student: a training plan, signed by the student, teacher, and employer, which includes instructional objectives and a list of on-the-job and in-school learning experiences; a workstation that reflects equipment, skills, and tasks that are relevant to the occupation which the student has chosen as a career goal. The student must receive compensation for work performed.

If this program is offered for 450 hours or more, in accordance with Rule 6A-10.040 F.A.C., the minimum basic skills grade level required for this postsecondary adult career and technical program is: Mathematics 11.0, Language 11.0, and Reading 11.0. These grade level numbers correspond to a grade equivalent score obtained on one of the state designated basic skills examinations. If a student does not meet the basic skills level required for completion from the program, remediation should be

provided concurrently in Vocational Preparatory Instruction (VPI). Please reference the Rule for exemptions.

This program is offered in postsecondary adult vocational (PSAV) courses. Career and technical credit shall be awarded to the student on a transcript in accordance with Section 1001.44, F.S.

Federal and state legislation requires the provision of accommodations for students with disabilities to meet individual needs and ensure equal access. Adult students with disabilities must self-identify and request such services. Students with disabilities may need accommodations in such areas as instructional methods and materials, assignments and assessments, time demands and schedules, learning environment, assistive technology and special communication systems. Documentation of the accommodations requested and provided should be maintained in a confidential file.

SCANS Competencies: Instructional strategies for this program must include methods that require students to identify, organize, and use resources appropriately; to work with each other cooperatively and productively; to acquire and use information; to understand social, organization, and technological systems; and to work with a variety of tools and equipment. Instructional strategies must also incorporate the methods to improve students' personal qualities and high-order thinking skills.

- V. INTENDED OUTCOMES: After successfully completing this program, the student will be able to:

OCCUPATIONAL COMPLETION POINT - DATA CODE A

FIRE INSTRUCTOR I - SOC 25-1194

- 1.0 Understand adult learning strategies and concepts.
- 2.0 Begin an active training program.
- 3.0 Gain leadership of the training group.
- 4.0 Give presentations and lead discussions.
- 5.0 Facilitate structured activities and promote team learning.
- 6.0 Conclude and evaluate an active training program.

OCCUPATIONAL COMPLETION POINT - DATA CODE B

FIRE INSTRUCTOR II -SOC 25-1194

- 7.0 Assess the need for training and the participants.
- 8.0 Develop active training objectives.
- 9.0 Create opening exercises.
- 10.0 Prepare effective lectures.
- 11.0 Find alternative methods to lecturing.
- 12.0 Use experiential learning approaches.
- 13.0 Design active training activities.
- 14.0 Sequence active training activities.
- 15.0 Provide for back-on-the-job application.
- 16.0 Plan active training programs.

July 2007

Florida Department of Education
STUDENT PERFORMANCE STANDARDS

Program Title: Fire Instructor
Postsecondary Number: P430207

OCCUPATIONAL COMPLETION POINT - DATA CODE A

FIRE INSTRUCTOR I - SOC 25-1194

- 1.0 UNDERSTAND ADULT LEARNING STRATEGIES AND CONCEPTS--The student will be able to:
 - 1.01 Understand the nature of adult learning.
 - 1.02 Discuss the concerns about active training.
 - 1.03 Understand the concepts involved in the delivery of active training.

- 2.0 BEGIN AN ACTIVE TRAINING PROGRAM--The student will be able to:
 - 2.01 Prepare mentally to instruct.
 - 2.02 Arrange the physical training environment.
 - 2.03 Greet participants and establish rapport.
 - 2.04 Get the best from the first thirty minutes of training.
 - 2.05 Review the agenda.
 - 2.06 Invite feedback to the agenda.

- 3.0 GAIN LEADERSHIP OF THE TRAINING GROUP--The student will be able to:
 - 3.01 Set group norms.
 - 3.02 Control timing and pacing.
 - 3.03 Get the group's attention.
 - 3.04 Increase student receptivity to leadership.
 - 3.05 Handle problem situations.

- 4.0 GIVE PRESENTATIONS AND LEAD DISCUSSIONS--The student will be able to:
 - 4.01 Know their group.
 - 4.02 Organize their presentation.
 - 4.03 Watch their body language.
 - 4.04 Add visual aids.
 - 4.05 Make smooth transitions.

- 5.0 FACILITATE STRUCTURED ACTIVITIES AND PROMOTE TEAM LEARNING--The student will be able to:
 - 5.01 Structure activities.
 - 5.02 Facilitate team learning.

- 6.0 CONCLUDE AND EVALUATE AN ACTIVE TRAINING PROGRAM--The student will be able to:
 - 6.01 Review program content.
 - 6.02 Obtain final questions and concerns.

- 6.03 Promote self-assessment.
- 6.04 Focus on back-on-the-job applications.
- 6.05 Express final sentiments.
- 6.06 Evaluate the program.

OCCUPATIONAL COMPLETION POINT - DATA CODE B

FIRE INSTRUCTOR II - SOC 25-1194

7.0 ASSESS THE NEED FOR TRAINING AND THE PARTICIPANTS--The student will be able to:

- 7.01 Recognize the importance of assessment.
- 7.02 Identify what information should be collected.
- 7.03 Comprehend how to collect necessary information.
- 7.04 Discuss options if there is no time to do a proper assessment.

8.0 DEVELOP ACTIVE TRAINING OBJECTIVES--The student will be able to:

- 8.01 Set learning goals.
- 8.02 Select objectives.
- 8.03 Specify objectives.
- 8.04 Express objectives.
- 8.05 Communicate training objectives to others.

9.0 CREATE OPENING EXERCISES--The student will be able to:

- 9.01 Understand what opening exercises accomplish.
- 9.02 Know what to keep in mind when creating opening exercises.
- 9.03 Define ten ways to obtain participation.

10.0 PREPARE EFFECTIVE LECTURES--The student will be able to:

- 10.01 Demonstrate five ways to gain your audience's interest.
- 10.02 Comprehend five ways to maximize understanding and retention.
- 10.03 Know five ways to involve participants during lectures.
- 10.04 Know five ways to reinforce lectures.

11.0 FIND ALTERNATIVE METHODS TO LECTURING--The student will be able to:

- 11.01 Develop demonstrations.
- 11.02 Prepare a case study.
- 11.03 Demonstrate guided teaching.
- 11.04 Perform an information search.
- 11.05 Discuss dynamics of a study group.
- 11.06 Comprehend jigsaw learning.
- 11.07 Use a learning tournament.
- 11.08 Apply alternatives to a common topic.

12.0 USING EXPERIENTIAL LEARNING APPROACHES--The student will be able to:

- 12.01 Discuss benefits of role-playing.
- 12.02 Conduct games and simulations.
- 12.03 Discuss benefits of observation.

- 12.04 Discuss mental imagery.
- 12.05 Discuss use of writing tasks.
- 12.06 Discuss use of action learning projects.

13.0 DESIGN ACTIVE TRAINING ACTIVITIES--The student will be able to:

- 13.01 Demonstrate role-playing.
- 13.02 Prepare games and simulations.
- 13.03 Demonstrate observation skills.
- 13.04 Demonstrate the use of mental imagery.
- 13.05 Develop writing tasks.
- 13.06 Create action learning projects.

14.0 SEQUENCE ACTIVE TRAINING ACTIVITIES--The student will be able to:

- 14.01 Prepare basic sequencing guidelines.
- 14.02 Demonstrate application of sequencing guidelines.
- 14.03 Comprehend the finer side of sequencing.
- 14.04 Discuss experiential learning sequences.

15.0 PROVIDE FOR BACK-ON-THE-JOB APPLICATION--The student will be able to:

- 15.01 Comprehend applications prior to the training program.
- 15.02 Comprehend applications during the training program.
- 15.03 Comprehend applications at the end of the training program.

16.0 PLAN ACTIVE TRAINING PROGRAMS--The student will be able to:

- 16.01 Comprehend the macrodesign of an active training program.
- 16.02 Present a case example of an active training program.