

**J. Sargeant Reynolds Community College
Course Content Summary**

Course Prefix and Number: FST 235

Credits: 3

Course Title: Strategy and Tactics

Course Description: Provides an in-depth analysis of the principles of fire control through utilization of personnel, equipment, and extinguishing agents on the fire ground. (Usually offered in the fall semester.) Lecture 3 hours per week.

General Course Purpose:

Course Prerequisites and Co-requisites:

None

Student Learning Outcomes:

Upon completing the course, the student will be able to

- a. Demonstrate (verbally and written) knowledge of fire behavior and the chemistry of fire;
- b. Articulate the main components of pre-fire planning and identify steps during a pre-fire plan review;
- c. Recall the basics of building construction and how they interrelate to pre-fire planning;
- d. Recall major steps taken during size-up and identify the order in which they will take place at an incident;
- e. Recognize and articulate the importance of fire ground communications;
- f. Identify and define the main functions within the ICS system and how they interrelate during an incident;
- g. Given different scenarios, the student will set up an ICS, call for appropriate resources and bring the scenario to a mitigated or controlled conclusion; and
- h. Identify and analyze the major causes of firefighter deaths in the line of duty related to health, wellness, fitness, and vehicle operations.

Major Topics to Be Included:

- a. Fire behavior and the chemistry of fire
- b. Components of pre-fire planning and identify steps during a pre-fire plan review
- c. Building construction and pre-fire planning
- d. Major steps taken during size-up and the order in which they will take place at an incident
- e. Fire ground communications
- f. ICS system
- g. Causes involved in line of duty firefighter deaths related to health, wellness, fitness, and vehicle operations

Date Created/Updated (Month, Day, Year): March 12, 2019