

Lecture	Skill	Fractional Credit
1	0	0.1

Course Description

This is an advanced course designed to instruct the student in the proper use of foam, the equipment used to make foam, and the hydraulics used in creating foam.

Prerequisites: FRS 2023 or Consent

Corequisite: None

Task List

1.	Define the 4 methods by which foam prevents or controls a hazard.
2.	Define the principle by which foam is generated.
3.	Define common causes for the poor generation of foam and identify the procedures for correcting each.
4.	Define the difference between hydrocarbon and polar solvent fuels and identify the type of foam concentrate required for each fuel.
5.	Define the advantages, characteristics, and precautions for use of the following types of foam: <ul style="list-style-type: none"> a. Protein; b. Fluoroprotein; c. Film forming Fluoroprotein (FFFP); d. Aqueous film forming foam (AFFF); e. Hazardous materials vapor mitigating foam; f. Medium and high-expansion foam; and g. Class "A" foams.
6.	Define the precautions that must be taken when using high expansion foam to attack structural fires.

Instructor Equipment List

None

Student Equipment List

None

Old FRT Number: 405 / FRT 142