

Fire Science Community Risk Manager Certificate

Program Description

The Fire Science Community Risk Manager certificate is designed for those interested in training in the area of risk management with a fire prevention emphasis.

Program Contacts

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Program Outcomes

Upon successful completion of the Fire Science Community Risk Manager Certificate program, the learner will be able to:

1. Identify various hazardous materials and their potential dangers. (FSC104)
2. Explain issues related to fire prevention and the components and steps of inspection and enforcement. (FSC135)3.
3. Define types of laws, explain their basic differences, and their function in society. (FSC225)
4. Identify the main elements determining fire behavior, fuels and fuel properties. Analyze arson, conduct investigations, and present evidence and testimony in court. (FSC234)
5. Describe fire detection systems and applications, and operate and test fire protection and detection systems. (FSC235)
6. Determine factors and principles related to fire resistance, building codes and fire suppression issues. (FSC241)
7. Define and use basic terms and concepts associated with the chemistry and dynamics of fire. (FSC210)

Program Requirements

A minimum of 22 credit hours is required to complete the Fire Science Community Risk Manager Certificate.

Course	Course Title	Credit Hours
FSC104	Haz Mat First Responder Op	3
FSC135	Fire Prevention	3
FSC210	Adv Fire Behavior & Combustion	3
FSC225	Legal Aspects of Emerg Serv	4
FSC234	Fire Investigation	3
FSC235	Fire Protection Systems	3
FSC241	Bldg Const for Fire Protection	3