

# University of Illinois Fire Service Institute

## Course Syllabus

**Course Title:** Community Risk Reduction Awareness

**Course Duration:** 8 hours

**Program:** Prevention and Inspection

**Course Prerequisites:** None

**Course Description:** CRR is not a new concept for the fire service. For years fire departments have been involved in some form of community risk reduction through building inspections and public education since they were first organized in the U.S. But this concept needs to be applied in a focused manner, and truly integrated into the mission of the fire department. The process of CRR often unfolds in a predictable sequence of: (1) identifying fire risks at the operational level (preferably by fire station response area); (2) prioritizing the risks to be addressed, and (3) coordinating elements of emergency response with preventive tactics that mitigate risks. Applying CRR affords U.S. fire service agencies the opportunity, through a systematic approach, to proactively manage the risks within their communities.

### **Course Requirements and/or Recommendations:**

Pre-Course Work – None

Course Work – Attend and participate in all course lecture and activities.

Post-Course Work – None

These can be divided into three categories: those completed prior to arriving in class (Pre-Course Work), those completed during class, such as homework assignments and quizzes (Course Work), and requirements completed after class but prior to receiving a certificate of completion. (Post-Course Work)

### **Course Policies:**

**Safety Policy:** Students shall understand and follow all instructions pertaining to operational safety, as stated by instructors or as written in course materials. Instructors and students shall be mindful of safety at all times. Conduct judged to be unsafe shall be grounds for dismissal from the course.

# University of Illinois Fire Service Institute

**Academic Integrity Policy:** IFSI has the responsibility for maintaining academic integrity so as to protect the quality of the education provided through its courses, and to protect those who depend upon our integrity. It is the responsibility of the student to refrain from infractions of academic integrity, from conduct that may lead to suspicion of such infractions, and from conduct that aids others in such infractions. Any violation of the code of conduct is grounds for immediate dismissal from the course.

**American Disabilities Act:** As guaranteed in the Vocational Rehabilitation Act and in the American Disabilities Act, if any student needs special accommodations they are to notify their instructor and provide documentation as soon as possible so arrangements can be made to provide for the student's needs. If arrangements cannot be made at the class site, the student will test at an alternative time and place where the special accommodations can be made.

## **Course Content:**

Module: 1

Title: Introduction

Terminal Learning Objective:

At the conclusion of this module, the student will describe the Community Risk Reduction course.

Module: 2

Title: Identify Risks

Terminal Learning Objective:

At the conclusion of this module, the student will identify risks associated with in a community.

Module: 3

Title: Prioritize Risks

Terminal Learning Objective:

At the conclusion of this module, the student will prioritize risks with in a community.

Module: 4

Title: Prevention and Mitigation Strategies

Terminal Learning Objective:

At the conclusion of this module, the student will develop the strategies and tactics to prevent and mitigate risks.

# University of Illinois Fire Service Institute

Module: 5

Title: Prepare the Community Risk Reduction Plan

Terminal Learning Objective:

At the conclusion of this module, the student will explain the steps to prepare a Community Risk Reduction Plan.

Module: 6

Title: Implement the Community Risk Reduction Plan

Terminal Learning Objective:

At the conclusion of this module, the student will discuss the process to implement a plan.

Module: 7

Title: Monitor, Evaluate and Modify Plan

Terminal Learning Objective:

At the conclusion of this module, the student will describe the measures used to monitor, evaluate and modify a CRR plan.

Module: 8

Title: Conclusion, Review and Resources

Terminal Learning Objective:

At the conclusion of this module, the student will identify the six-step process of Community Risk Reduction Plan Development and the resources available to help develop a plan in their communities.

## Reference List:

American Community Survey: <http://www.census.gov/acs/www/>

American FactFinder: <http://factfinder2.census.gov/faces/nav/jsf/pages/index.xhtml>

American Housing Survey: <http://www.census.gov/programs-surveys/ahs/>

Esri: <http://www.esri.com>

NFPA 1300 (Proposed)

NFPA 1710

NFPA 1720

NFPA 1730

Oliver, D. (2011, November). *FireRescue Magazine*, 42–47

United States Census Bureau: [www.census.gov](http://www.census.gov)

Vision 20/20: <http://www.strategicfire.org>

# University of Illinois Fire Service Institute

## Course Schedule

### DAY ONE

<u>Event</u>	<u>Duration</u>
Module 1 - Introduction to Community Risk Reduction (31)	1 hour
Activity 1 – Community Risk Reduction in the USA	30 minutes
Module 2 – Identify Risks (19)	30 minutes
Module 3 - Prioritize Risks (3)	30 minutes
Activity 2 – CRR Risk Identification	25 minutes
Module 4 – Prevention and Mitigation Strategies (36)	35 minutes
Activity 3 – Applying the 5 Es	30 minutes
<b>Lunch</b>	
Module 5 - Prepare the Community Risk Reduction Plan (7)	30 minutes
Module 6 - Implement the Community Risk Reduction Plan (14)	30 minutes
Module 7 - Monitor, Evaluate and Modify Plan (7)	30 minutes
Activity 4 – Monitoring and Evaluation	30 minutes
Activity 5 - CRR Solutions: Your Community	50 minutes
Video – CRR Impact	10 minutes
Module 8 - Conclusion, Review and Resources	30 minutes
Evaluation Forms	30 minutes

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**Total: 8 hours**