

**HARPER COLLEGE**  
**CAREER & TECHNICAL PROGRAMS DIVISION**  
**GENERAL COURSE OUTLINE**

FIS	109	BASIC OPERATIONS FIREFIGHTER	(9-6)	12
Course Prefix	Course Number	Course Title	(Lec-Lab)	Semester Hours

**COURSE DESCRIPTION:**

Provides a member of a regularly constituted fire department within the State of Illinois with instruction and certification as a state recognized Basic Operations Firefighter (Firefighter II). Satisfies the didactic and manipulative requirements for the Illinois Office of State Fire Marshall Basic Operations Firefighter (Firefighter II) Certification Course, meeting or exceeding the level identified in NFPA 1001. (NOTE: Student must be a member of an Illinois fire department who has entered into a training agreement with Harper College.)

**PREREQUISITES:** FIS-100, FIS-103, FIS-104, FIS-121, FIS-122

**TOPICAL OUTLINE**

- I. Fire Department Organization
- II. Fire Behavior
- III. Safety
- IV. Self-Contained Breathing Apparatus
- V. Portable Fire Extinguishers
- VI. Ladders
- VII. Fire Hose and Appliances
- VIII. Emergency Medical Care
- IX. Building Construction
- X. Forcible Entry
- XI. Ventilation
- XII. Water Supply
- XIII. Nozzles and Fire Streams
- XIV. Rescue
- XV. Fire Controls
- XVI. Ropes and Knots
- XVII. Loss Control
- XVIII. Overhaul
- XIX. Fire Detection, Alarm, and Suppression Systems
- XX. Fire Prevention and Public Education
- XXI. Protecting Evidence for Cause and Determination
- XXII. Communications
- XXIII. Terrorism Awareness
- XXIV. Firefighter Survival
- XXV. Hazardous Materials Awareness

**METHODS OF PRESENTATION:**

1. Lecture and demonstration
2. Discussion
3. Multimedia presentations
4. Tabletop scenarios
5. Situation review activities
6. Practical simulations

STUDENT OUTCOMES: (The student should . . . )

1. successfully complete 100% percent of the state required objectives established by The State of Illinois Office of State Fire Marshal Division of Personnel Standards and Education.

METHOD OF EVALUATION:

1. Written exams
2. Situational evaluations
3. Homework evaluation

TEXTBOOK/INSTRUCTIONAL MATERIALS

Brady Books, *Essentials of Firefighting*, 6<sup>th</sup> edition, *International Fire Service Training Association*, 2013, ISBN 978-0-13-314080-4

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