

## Community Management of an Epidemic Outbreak

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### Course Description

The evolution of modern medical competencies, the slowing availability of effective antimicrobials and expanded populations of increased vulnerability pose a significant challenge to today's public health professional in providing effective intervention and support during epidemic disease outbreak in both the local and international environment. Expanding and aging populations are driving unprecedented global urbanization and contributing to shortfalls in per capita food and water availability while human and domestic animal habitation reaches into previously isolated reservoirs of potential pathogens. This course will address some of the significant existing challenges and examine how focused and current community prevention efforts and broadly coordinated specific intervention are the key to limiting epidemic spread, mitigating community injury and preserving civil order.

### Learning Objectives

- Identify and analyze existing and emerging community challenges, vulnerabilities and shortfalls in dealing with the global threat of epidemic outbreak.
- Explore available means of satisfying identified shortfalls to acceptable standards through effective prevention, preparation based on community vulnerabilities and strengths, the best applicable scientific principles, and global coordination of standards, processes, support and outcomes.
- Examine opportunities for enhanced planning and process improvement through the focused application of scientific principles, emerging technology and potential resources in the development of optimal doctrine and process in crisis and consequence management.

### Core Competencies for Public Health Professionals *\*Council on Linkages between Academia and Public Health Practice*

- 1B2: Describes the characteristics of a population-based health problem
- 6C2: Explains lessons to be learned from prominent events in the history in comparison to the current events of the public health profession

*To register for this course visit us at*  
[\*http://lms.southcentralpartnership.org\*](http://lms.southcentralpartnership.org)