



## South Central Public Health Partnership

### TRAINING PROFESSIONALS TO PROTECT THE PUBLIC

<http://lms.southcentralpartnership.org/scphp>

## Bioterrorism Preparedness: Principles of Emerging Infectious Diseases

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### Course Description

This course will introduce participants to basic concepts and terminology of infectious diseases. Topics include: transmission dynamics of emerging and re-emerging infectious diseases; various factors that contribute to the emergence and re-emergence of key infectious diseases; steps and decision points in managing an outbreak; specific intervention and prevention strategies, including those relating to the protection of public health workers; and the role of state health departments vis-à-vis emerging infectious diseases.

### Learning Objectives

- Describe the transmission dynamics and other features of key emerging and re-emerging infectious diseases of concern to public health professionals
- Explain the factors that contribute to the emergence and re-emergence of key infectious diseases
- Explain the key steps and decision points in managing an outbreak, and describe intervention and prevention strategies, including those relating to the protection of public health workers
- Describe measures for protecting individuals from emerging infectious diseases
- Describe the role of state health departments vis-à-vis emerging infectious diseases, and explain how it relates to that of other key entities involved in dealing with emerging infectious diseases

### Preparedness & Response Core Competencies *\*Public Health Preparedness & Response Core Competency Model*

- 1.1: Solve problems under emergency conditions.
- 4.2: Employ protective behaviors according to changing conditions, personal limitations, and threats.

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[\*http://lms.southcentralpartnership.org\*](http://lms.southcentralpartnership.org)