



South Central Public Health Partnership
TRAINING PROFESSIONALS TO PROTECT THE PUBLIC

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The Management of Epidemic Disease

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Course Description

Population growth, societal aging, urbanization, rapid transportation, economic interdependence, and emerging infectious disease have expanded community vulnerability far beyond what could have been imagined a few generations ago. But, an expansion of medical technology has provided an array of tools and techniques for therapeutics and public health disease management never before imagined. The instructor will examine disease as a social event in an evolving global community and discuss why applying new systems and science is critical for tomorrow's public health professional.

Learning Objectives

- Analyze the potential consequences of Epidemic Disease through study of the Lessons of History
- Describe community vulnerabilities and how they affect community planning for epidemic disease
- Explain how technology and science can be applied in the face of an epidemic
- Develop and apply operational models for the management of epidemic disease
- Match and align identified vulnerabilities with tools of process and science to maximize community survival and recovery in an epidemic
- Assess threats and opportunities through consideration and application of lessons learned from recent epidemic events
- Name some of the tools presently available to address the evolving challenges of vulnerability and technology

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

- 3.2: Contribute expertise to the development of emergency plans.
- 3.3: Participate in improving the organization's capacities (Including, but not limited to programs, plans, policies, laws, and workforce training).

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