

# Basic Infectious Disease Concepts in Epidemiology

## INTENDED AUDIENCE

Public health practitioners, especially those at the state or local levels, with little to no experience in epidemiology or infectious disease epidemiology.

## FORMAT

Web-based, Flash presentation. This online module has an audio narration and interactive exercises and scenarios.

## ESTIMATED TIME TO COMPLETE

This module takes approximately one hour to complete.

## LEAD COURSE DEVELOPER

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## CO-SPONSOR

This course is co-sponsored by the University of Washington School of Nursing, an accredited provider of continuing nursing education (CNE) by the American Nurses Credentialing Center's Commission on Accreditation. Participants who successfully complete the course are eligible to receive 1.0 CNE contact hours (1.0 clock hours).

## FOR ADDITIONAL INFORMATION

See <http://www.nwcp.org/infectious>

If you have questions, please contact the Northwest Center for Public Health Practice.



**Northwest Center for Public Health Practice**

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## COURSE DESCRIPTION

This Web-based course provides an introduction to the concepts and principles of infectious disease. This course is designed for public health workers who have little or no prior training in epidemiology. Topics include an overview of infectious disease agents and transmission characteristics, epidemiologic methods, and vaccination and other control measures. No prerequisite knowledge or skills are necessary.

## LEARNING OBJECTIVES

By the end of this course, participants will be able to:

- Define key concepts of infectious disease epidemiology
- Explain the relationship of an infectious agent to its host and the environment
- Describe different modes of transmission
- Understand how common infectious agents are classified
- Describe the role of vaccination and other control measures in preventing disease spread

## COMPETENCIES ADDRESSED

This module provides an awareness level training in the following epidemiology competency and subcompetencies developed by the University of Washington ([www.nwcp.org/epi/competencies](http://www.nwcp.org/epi/competencies)).

Competency	Sub-competency
3. Define terms and concepts associated with infectious diseases.	A. Define concepts commonly used in infectious disease epidemiology.
	E. Describe the role of vaccination in infectious disease prevention.

## About the Course Developer

Dr. John Kobayashi is a Clinical Assistant Professor at the Northwest Center for Public Health Practice at the School of Public Health and Community Medicine at the University of Washington in Seattle. He is also a foreign advisor with the Field Epidemiology Training Program in Japan. From 1982 to 2001, he was the State Epidemiologist for Communicable Diseases at the Washington State Department of Health.