

INFECTION PREVENTION AND CONTROL

INCLUSION OF INFECTION PREVENTION AND CONTROL CONCEPTS



In consultation with NNPHI, USF has developed tools to help you, as an instructor, incorporate concepts related to Infection Prevention and Control (IPC), Healthcare Associated Infections (HAI), and Antimicrobial Resistance (AR) into existing MPH curricula.

INSTRUCTOR PRIMER

The **instructor primer** will provide guidance and essential information to instructors or educators who are interested in incorporating IPC, HAI, and AR examples in existing public health courses. It serves as a foundational resource to help instructors effectively deliver content and facilitate learning experiences for their students. Access to PowerPoint slides, quiz questions, readings, and other lesson materials can be accessed through the instructor primer.



LEARNING OBJECTIVES



Learning objectives serve as a foundational element of effective teaching and learning, providing direction, focus, and accountability throughout the educational process. They focus the learning process by clearly defining what students should know or be able to do by the end of a lesson, course, or program.

Objectives ensure alignment between instructional content, activities, and assessments.

LEARNING OBJECTIVES

1

Define at least three factors of globalization that impact the global burden of infectious disease morbidity and mortality.

2

Analyze an infectious disease outbreak, epidemic, or pandemic scenario to identify opportunities for prevention, response, or containment.

3

Upon review of a case example, discuss the interaction between globalization and burden of disease on a population.

COURSE COMPETENCIES



Competencies outline the specific knowledge, skills, and abilities that students are expected to develop throughout a course. They provide clarity on what students should be able to demonstrate by the end of the course. Competencies help students understand the relevance of their learning to real-world contexts and future endeavors.

COURSE COMPETENCIES

1

Explain how globalization affects global burdens of disease.

PRE AND POST TESTS



Pre-tests assess students' existing knowledge, skills, and understanding related to the topic or subject area before instruction begins. This allows educators to gauge students' starting points and tailor instruction to meet their needs.

Post-tests assess students' learning and mastery of the content after instruction has taken place.

SAMPLE PRE AND POST TESTS

By comparing pre-test and post-test results, educators can evaluate the effectiveness of their teaching methods and the extent to which students have achieved the intended learning outcomes.



[View and download a sample pre/post test here. The document can be edited to fit your instructional needs.](#)

INSTRUCTIONAL MATERIALS



Creating slides for teaching using real-world examples can be an effective way to engage learners and illustrate abstract concepts with practical applications.

[View and download a sample presentation here.](#)

The slides can be edited to fit your instructional needs.

You can also work with an Instructional Designer to turn slides into an interactive presentation that can be used for online learning. [You can view an example here.](#)

SCENARIO-BASED QUESTIONS

Scenario-based questions offer a dynamic and effective approach to teaching and assessment, fostering deeper understanding, critical thinking, and application of knowledge in authentic contexts.

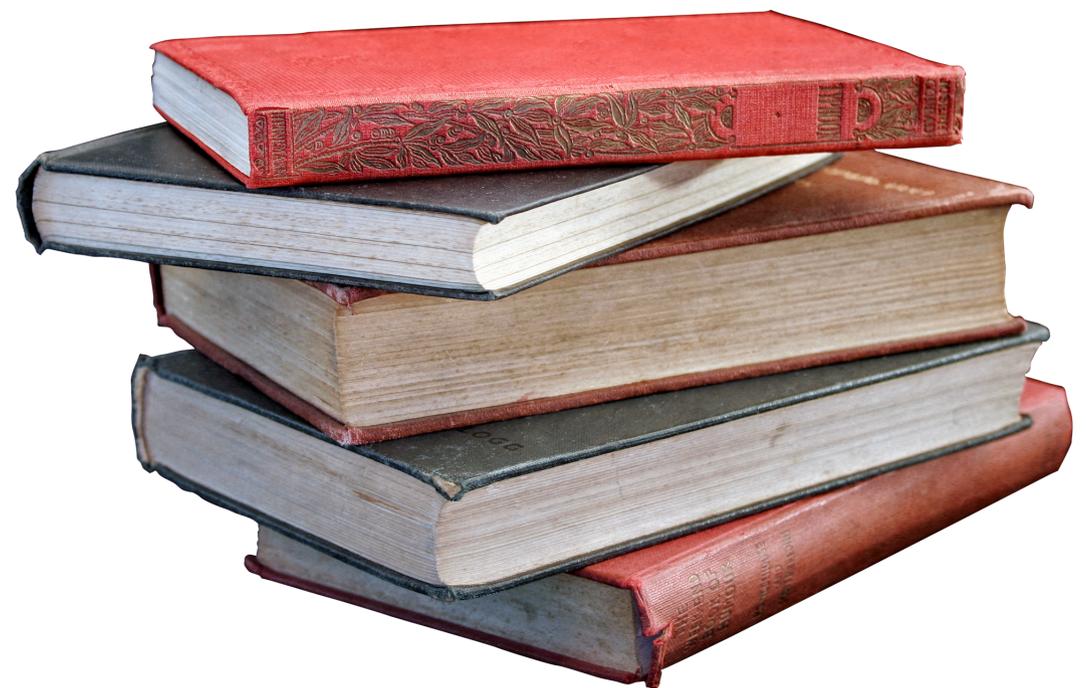


[View and download sample scenario-based questions here.](#)
[The document can be edited to fit your instructional needs.](#)

[The readings that accompany the scenario-based questions are available here.](#)

READINGS

Readings provide students with an in-depth understanding of the subject matter beyond what can be covered in lectures or discussions. They offer detailed explanations, examples, and different perspectives on the topic.



SAMPLE READINGS AND RESOURCES

Click on the titles below to view/download readings and resources.

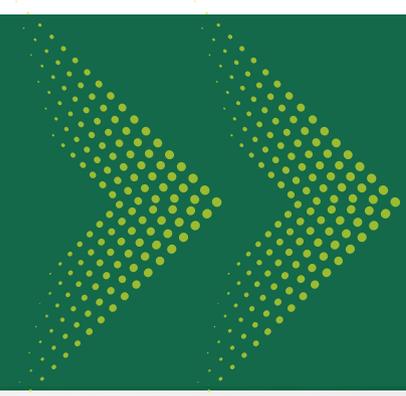
[Changing Patterns of Emerging Zoonotic Diseases in Wildlife, Domestic Animals, and Humans Linked to Biodiversity Loss and Globalization](#)

[Ecology Letters](#)

[Infectious disease in an era of global change](#)

[A Prospective Study on the Impact and Out-of-Pocket Costs of Dengue Illness in International Travelers](#)

EVALUATION



Course evaluations provide valuable feedback to instructors about various aspects of the course, including teaching methods, course materials, assignments, and overall organization. This feedback helps instructors identify strengths and weaknesses, allowing them to make improvements for future iterations of the course.