



# Basic Culture Media

## Basic Microbiology Curriculum

Online Course

Sponsored by the Centers for Disease Control and Prevention Laboratory Training Team

### DESCRIPTION

This eLearning course is designed to familiarize laboratorians with basic culture media used in the microbiology laboratory. Laboratorians will review and contrast the various culture medias, describe the process of streaking a plate, identify types of colonial morphology and explain commonly encountered problems that occur with culture media.

### AUDIENCE

New or existing public health laboratorians, who have a science background, are entering or reentering the microbiology field and who need training in routine basic culture media essential for performing job requirements.

### OBJECTIVES

At the conclusion of this program, the participant will be able to:

- Distinguish enrichment, differential, and selective media.
- Review the principles of the most commonly used media.
- Contrast various culture media.
- Describe the steps of streaking a plate.
- Interpret results on various culture media.
- Recognize the different types of colonial morphology.
- Identify commonly encountered problems with basic culture media.

### REGISTRATION

#### FREE REGISTRATION

- Register online at [www.cdc.gov/labtraining](http://www.cdc.gov/labtraining)
- If you have difficulty with the online registration process, please email [labtraining@cdc.gov](mailto:labtraining@cdc.gov)

### CONTINUING EDUCATION

The Centers for Disease Control and Prevention Laboratory Training Branch is approved as a provider of continuing education programs in the clinical laboratory sciences by the ASCLS P.A.C.E.® Program. This course is approved for **1.0** contact hours.

This course has been approved for **1.0** contact hours in the category of Microbiology/Mycology/Parasitology for Florida Laboratory Licensees.

### SPECIAL NEEDS

Course content is closed captioned where applicable and optimized for a screen reader.

P.A.C.E. Course Number: 288-012-16

FL Course Number: 20-435308