BASIC MICROSCOPY

BASIC MICROBIOLOGY CURRICULUM

PROVIDED BY: CDC LABORATORY TRAINING AND SERVICES

AN ONLINE LEARNING/ELEARNING COURSE
AVAILABLE AT WWW.CDC.TRAIN.ORG
DESCRIPTION

To function effectively in a microbiology laboratory, laboratorians must have a basic knowledge and understanding of the components, setup, procedures, and care and maintenance of a bright field (compound) microscope. This eLearning course will instruct participants on the importance of a correctly setup bright field microscope for the identification of microorganisms.

AUDIENCE

This basic level course is designed for new or existing public health laboratorians, who have a science background, are entering or reentering the microbiology field and who need training in basic microscopy principles and techniques essential for performing job requirements.

SPECIAL NEEDS

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

FREE REGISTRATION

- Register online at www.cdc.gov/labtraining
- If you have difficulty with the online registration process, please email labtraining@cdc.gov
- For additional program information, email labtraining@cdc.org or call (404) 498-6022

CONTINUING EDUCATION

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

OBJECTIVES

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

- Identify the major components of the microscope and their function.
- Identify how to maintain a microscope.
- Discuss the role of Kohler illumination in microscopy.
- Describe the process to correctly focus on the appropriate field of view.
- Use the ocular micrometer to measure an object under the microscope.
- Demonstrate the ability to troubleshoot encountered problems with the microscope.

CE INFORMATION

P.A.C.E.™ Course Number: 288-019-17
FL Course Number: 20-434651

For a complete list of courses, visit www.cdc.gov/labtraining.