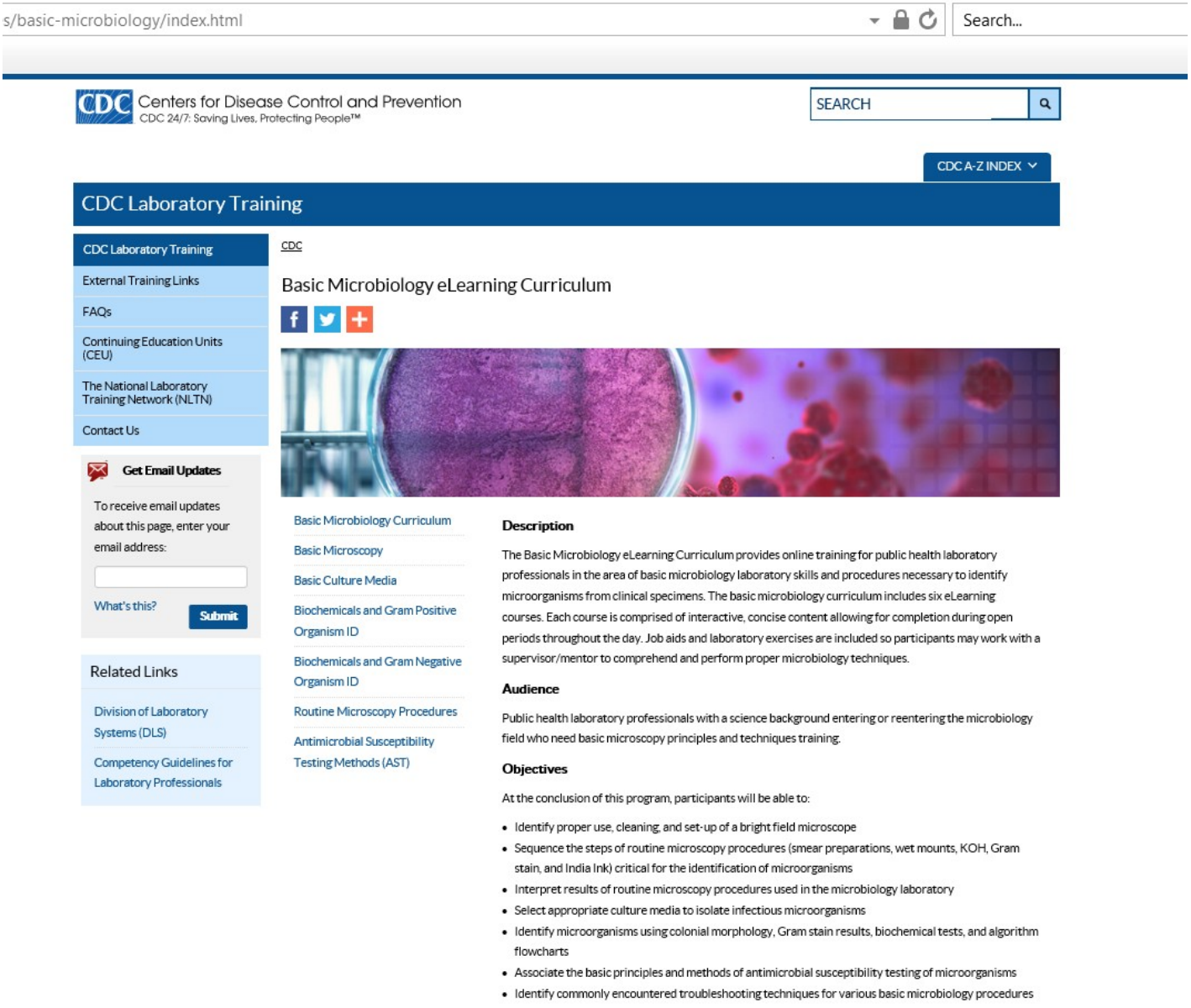
Microbiology-Oriented eLearning Courses: Screen Shots from www.cdc.gov/labtraining

These screenshots show the eLearning courses that are represented in the 2018 Microbiology-Oriented eLearning Course Learner Feedback Survey



CDC Laboratory Training
External Training Links
FAQs
Continuing Education Units (CEU)
The National Laboratory Training Network (NLTN)
Contact Us

Related Links

Division of Laboratory Systems (DLS)

Competency Guidelines for Laboratory Professionals

Biothreat Preparedness Training for Sentinel Laboratories

Description

Each of these intermediate-level, interactive online course reviews a component of the Laboratory Response Network (LRN) protocols for bioterrorism agent identification. The courses include case studies, real-life laboratory scenarios and links to resource information. Course materials may be used as part of a laboratory's competency assessment program for terrorism preparedness. The five course courses are listed to the left.

Audience

Laboratory professionals

Objectives

At the conclusion of this eLearning, you will be able to:

- List potential bioterrorism agents that must be reported to public health authorities, and explain the role of the clinical laboratory in detecting these organisms in clinical specimens
- Discuss standardized laboratory tests used to isolate and identify *Bacillus anthracis*, *Brucella* spp, *Burkholderia* spp, *Yersinia pestis*, *Francisella tularensis*, and explain how to use these tests to rule out or refer isolates
- Define biosecurity, including threats, vulnerabilities and its relationship to biosafety
- Explain how to conduct a laboratory biosecurity risk assessment and use the results to formulate a complete biosecurity plan
- Identify appropriate reference resources

CDC Laboratory Training
External Training Links
FAQs
Continuing Education Units (CEU)
The National Laboratory Training Network (NLTN)
Contact Us

Related Links

Division of Laboratory Systems (DLS)

Competency Guidelines for Laboratory Professionals

Methods of Antimicrobial Susceptibility Testing Educational Resource (MASTER) eLearning Curriculum

Methods of Antimicrobial Susceptibility Testing Educational Resource (MASTER)

Antimicrobial Susceptibility Testing Methods (AST)

Antimicrobial Susceptibility CLSI Standards

Description

The Methods of Antimicrobial Susceptibility Testing Educational Resource (MASTER) eLearning curriculum provides online training in antimicrobial susceptibility testing for bacteria isolated from clinical specimens.

Audience

Laboratory professionals with knowledge of basic medical microbiology and who perform antimicrobial susceptibility testing or are considering adding it to the laboratory's testing menu.

Objectives

At the conclusion of this eLearning, you will be able to:

- Associate disk diffusion, MIC, and commercial AST systems as antimicrobial susceptibility testing methods
- Recognize the role of CLSI in developing recommendations for antimicrobial susceptibility testing of bacteria isolated from clinical specimens
- Identify the components of a quality assurance and quality control program for antimicrobial susceptibility testing
- Review Gram positive organisms, *Staphylococcus* spp., *Enterococcus* spp., *Streptococcus* spp., and Anaerobes for AST
- Review Gram negative organisms, *Enterobacteriaceae*, *Non-Enterobacteriaceae*, and *Haemophilus* for AST