

# FUNDAMENTALS OF CENTRIFUGE SAFETY

AN ONLINE LEARNING COURSE  
AVAILABLE ON [WWW.CDC.TRAIN.ORG](http://WWW.CDC.TRAIN.ORG)

Sponsored by the  
Division of Laboratory Systems,  
Center for Surveillance, Epidemiology and Laboratory Services,  
Centers for Disease Control and Prevention



## DESCRIPTION

Centrifuges are instruments used to separate mixtures, based on particle size and density, by spinning the mixtures at high speed. These instruments are essential tools in all types of laboratories. Serious injuries or potential exposures can occur if centrifuges are improperly used or maintained.

This basic-level eLearning course provides information on the safe use of centrifuges. Topics covered include major parts of a centrifuge, types of centrifuges, potential hazards, how to work safely with a centrifuge, and what to do if there is an emergency.

## AUDIENCE

This online course is designed for public health and clinical laboratory staff, safety professionals and persons interested in safe use of centrifuges.

## SPECIAL NEEDS

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

## FREE REGISTRATION

- Locate the course online at [www.cdc.gov/labtraining](http://www.cdc.gov/labtraining)
- Follow the link to register for the course in TRAIN
- If you have difficulty with the online registration process, please email [labtraining@cdc.gov](mailto:labtraining@cdc.gov)



## OBJECTIVES

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

- Identify common types of centrifuges used in laboratories
- Describe the potential hazards associated with centrifuge use
- Identify control measures to minimize exposure to centrifuge hazards
- Identify safe work practices for centrifuge use
- Describe what to do in the event of an emergency

## CONTINUING EDUCATION

The Centers for Disease Control and Prevention, Division of Laboratory Systems 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 0.5 contact hours. P.A.C.E.® course number: 288-001-20

**For a complete list of courses, visit [www.cdc.gov/labtraining](http://www.cdc.gov/labtraining).**