

# Safety and Quality Basics in your Laboratory

☆ Course Name: Safety and Quality Basics in your Laboratory

🕒 2 Hours

✅ Certificate of Completion

📄 CPD Credits: 2

Learn how to set up your laboratory with the quality and safety building blocks.

In this course you'll learn about the budgeting process and how to set and monitor the appropriate budgets for your laboratory. We'll also look at techniques for reducing and controlling costs, as well as making sound financial decisions that will ensure your laboratory's success. *(Included in the Lab Management Online course)*

## MODULE DESCRIPTION:

### Laboratory Work Area and Safety Management:

Not managing safety and work areas in the laboratory can hinder productivity, drive up inventory costs and pose serious health and safety risks. This module describes the physical aspects of managing work areas, the 5S methodology, and elements of a safety management plan.

**Fundamentals of Laboratory Quality:** This module unpacks the fundamental building blocks of quality in the laboratory, and details the quality system essentials that act as guiding building blocks to establish a quality management system.

**Quality System Essentials - Pre-analytical:** It details the quality system essentials that need to be addressed in the pre-analytical phase of the workflow path.

[LabVineLearning.com](https://www.labvinelearning.com)

## OUTCOMES:

- ✓ Define the need to manage work areas and ensure safety
- ✓ Identify and describe physical aspects for effectively managing work areas
- ✓ Describe the 5S methodology to effectively manage work areas
- ✓ Describe the elements of a safety management plan
- ✓ Understand the need for a quality system in the laboratory
- ✓ Define quality in the laboratory
- ✓ Describe the laboratory workflow path
- ✓ Identify the Quality system essentials
- ✓ Understand how to apply a process approach to the Quality system essentials
- ✓ Identify the requirements for addressing pre-analytical quality system essentials
- ✓ Describe the requirements for addressing the pre-analytical quality system
- ✓ Understand how to use the Quality system elements as a guiding framework for managing quality in the laboratory