

Course Overview

If you currently use, or want to use the LabTutor experiment format in your laboratory practicals, this course will guide you through LabTutor software's layout and configuration. You will discover the benefits of LabTutor's novel approach to teaching practicals using the new Server/Client based format. You will also learn to use LabAuthor software to make simple edits to the layout and content of our existing experiments or start creating your own experiments to suit your curriculum requirements.

As well as providing extensive instruction, our experienced staff will ensure that you receive the level of attention you require. With access to your own hardware terminal, you will have plenty of opportunity for hands-on experience. This course will give you the confidence to start using LabTutor in your laboratory, and modify existing experiments in LabAuthor.

Who should attend?

This course is useful for all educators involved in laboratory practicals who are interested in seeing how LabTutor could benefit their course. No prior experience with LabTutor or LabAuthor is required and the course will suit users who require an intensive course for learning how to start using LabTutor and LabAuthor, as well as those who wish to start editing the current experiments offered in LabTutor.

Learning outcomes

At the end of this training course you will be able to:

- Configure the LabTutor display and manage your installed experiments
- Make simple changes to text including background materials, setup instructions and experiment protocols
- Modify images, or import new images
- Add additional instructions and materials to new or existing pages
- Change settings in the LabTutor Kernel
- Edit the existing questions in the report, and insert new questions
- Integrate new and modified experiments into LabTutor

Course Agenda

LabTutor Software

- An overview of the LabTutor 4 format
- Managing your experiments in LabTutor
- Managing courses and student information
- Accessing submitted experiments
- Introduction to experiments on the LabTutor Client

Introduction to LabAuthor

- An overview of the LabAuthor editing software
- LabAuthor layout and drag and drop functionality
- Creating and editing Pages

Modifying LabTutor Experiments

- Changing, deleting or adding text
- Modifying images, or importing new images
- Creating new pop-up pages for extra details
- Adding additional instructions and materials to sub pages
- Editing report questions, and inserting new questions

The LabTutor Kernel

- An overview of the LabTutor Kernel
- Key rules of data acquisition
- Changing recording settings in the LabTutor Kernel
- Modifying the Data Panel

Integrating Modified Experiments into LabTutor

- Previewing your new experiment
- Renaming and saving the experiment
- Configuring new experiments into LabTutor