

Course Overview

Already using LabTutor in your laboratory practicals, and editing our preconfigured experiments to suit your classroom in LabAuthor? Ready to move to the next level, and convert your own experiments into the LabTutor format? This course will show how to use the full potential of LabAuthor software to create complete, unique LabTutor experiments. Adding to your existing LabAuthor editing skills, you will learn how to create an experiment from a blank canvas.

As well as extensive instruction by our experienced staff, this course offers each participant access to an individual computer and hardware terminal. This ensures you will receive plenty of hands-on experience during your training. You will also take home detailed technique notes, and the skills required to create a complete LabTutor experiment in LabAuthor.

Who Should Attend?

This course is useful for all educators currently running laboratory practicals in LabTutor who are interested in creating their own experiments.

It is ideal for educators who have completed *LabAuthor Training Course I - Editing LabTutor Experiments*, or have previously used LabAuthor for making edits to existing LabTutor experiments.

Learning Outcomes

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

- Build your experiment by adding new pages and subpages
- Lay out information within the page boundaries and add new content
- Add items including Start buttons, Stimulator Panels, video and image files
- Setup new data panels by adjusting the settings in the LabTutor Kernel and adding example data
- Insert tables & graphs
- Set report exercises & questions
- Save and import into the LabTutor configuration

Course Agenda

Starting a New Experiment

- An overview of the LabAuthor software
- Create new pages
 - Content
 - Background
 - Sub Pages
 - Pop-up pages
- Lay out information within the page boundaries and add new content such as text boxes and images

Building Experiments

- Adding items from the Tool Box including PowerLab recognition panels, Start buttons and Stimulator Panels
- Embedding video and media files
- Adding new data panels and value panels
- Adjusting the set-up of data panels in LabTutor Kernel and adjusting the properties in the data panel accordingly
- Adding tables and graphs and linking to datafiles
- Inserting report questions and multiple choice questions

Additional features

- Facilitating virtual files - using a single data file for multiple different, but related recordings
- Record and add example data

Integrating Modified experiment into LabTutor

- Renaming and saving the experiment
- Configure new experiments into LabTutor