

LabAuthor Training Course

Level II: Creating New LabTutor Experiments

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.

Working with your own course materials or pre-prepared example materials, ADI Instruments staff will be on hand to instruct and advise on the best tools and settings to use and to show some of the more complex features of LabAuthor that you may require to complete your experiment.

You will have access to your own hardware terminal and will be able to save and take the experiments you create with you for installation on your own system.

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:

- Create a new LabTutor experiment from a blank canvas
- Import your own relevant background materials, text and media files into your experiment
- Setup new data panels and adjust the settings in the LabTutor Kernel to suit your experiment's requirements
- Insert tables & graphs
- Set report exercises & questions
- Save and import into the LabTutor configuration

Course Agenda

LabAuthor Overview

- LabAuthor tools and format
- Page types and organisation
- Importing text, files and media
- LabTutor Kernel settings and options
- Advanced Data Panel settings
- Additional page items
 - Value panels and readouts
 - Comment Bar
 - Stimulator Panel
 - Tables and graphs
- Utilising Virtual Files

Create your own experiment

- Work with your own materials to create your LabTutor experiment

OR

- Work with example materials and exercises to create a LabTutor experiment

Integrating modified experiments into LabTutor

- Previewing your new experiment
- Recording example data
- Renaming and saving the experiment
- Configure new experiments into LabTutor