

# LabTutor® for Nursing Education

Enhance students' critical thinking and understanding of core physiological principles.

LabTutor for Nursing has been created for nursing and healthcare education programs to teach a solid understanding of human physiology and how it relates to the clinical setting. Students work in groups and follow LabTutor's step-by-step instructions to measure and evaluate vital signs from each other with the easy-to-use and durable PowerLab hardware.

Medical Laboratories provide comprehensive lab exercises with the addition of cases that feature real patients. Patient interviews, test data and medical materials are included for comparison with students' own data. Students critically evaluate the data and report on findings.



## LabTutor Nursing Collections

**Nursing:** Introductory physiology labs that establish an understanding of core physiological principles.

- Blood Pressure
- Breathing
- ECG, Heart Sounds & Pulse
- Heart & Circulation
- Kidney & Urine
- Muscle Structure & Function
- Reflexes
- Sensory Physiology
- Vision
- Water Balance

**Nursing Advanced:** Advanced labs & sample cases

- ECG & Case Studies
- Gut Absorption & Case Studies
- Heart Sounds & Case Studies
- Lung Air Flow & Volume & Case Studies
- Muscle & Case Studies

**Medical Laboratories:** Advanced labs with patient video interviews, clinical tests, medical materials and expert diagnosis. Students use critical thinking to establish a link between the physiology, the symptoms and clinical diagnosis.

- Autonomic Nervous System
- Blood Pressure
- Body Temperature
- Brain Structure and Reflexes
- Glucose Metabolism
- Heart and Circulation
- Heart and Electrocardiography
- Heart Sounds
- Kidney and Urine
- Lung Function
- Muscle and Fatigue
- Muscle Function
- Peripheral Nerve Function
- Sensory Physiology
- Vision



# LabTutor 4 Teaching Suite

## Features and benefits

LabTutor Teaching Suite, in conjunction with PowerLab data acquisition systems, provides a world-leading solution for physiology related education. LabTutor enables efficient and cost effective teaching as well as enhanced student learning. The system is very flexible and can be customized to meet your exact course requirements.

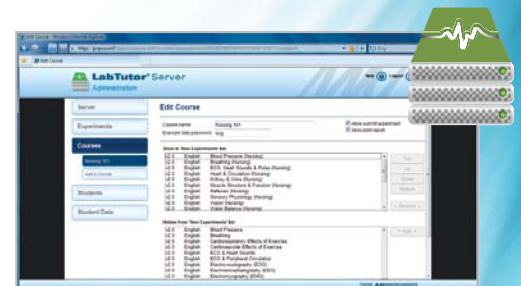


## Student-centered, independent learning

The LabTutor interface allows students to complete labs with virtually no help. They can read the background and objectives, follow clear instructions, measure and evaluate physiological data, analyze and report, all in a single program.

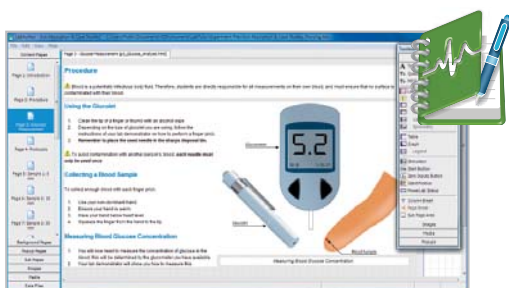
## Single-point course management

Are you or your support staff tired of installing materials on multiple computers in multiple locations? Use LabTutor Server and you can easily manage lab and student lists for any number of courses and networked locations, from a single computer.



## Completely customize the lab content

Would you like to alter the content of an experiment? Or perhaps you would like to create your own LabTutor experiments? LabAuthor software, supplied with LabTutor 4, puts you in total control of your laboratory course content.



## Optional remote access via Internet

LabTutor Online allows students to access their experiments with the measurements they recorded and evaluated during the lab, and report individually or as a group from anywhere. All that is required is a web browser and an internet connection. Educators are also able to review finished experiments from any internet connected computer.

