Pre-Lab Learning | Reach Students On and Off Campus

"With Virtual Labs, I can create more efficient and effective in-person lab experiences and it frees me up to spend more time with students on other content."
Heidi Smith, Microbiology
Front Range Community College

Lecture Integration | Make Connections Between Lecture and Lab

"The flexibility of assignments in Virtual Labs enables instructors to improve connections between lecture and lab concepts for novice learners."
Richard Pirkle,
Anatomy & Physiology
Tennessee Tech University

Online Learning | Provide a Complete Lab Experience for Online Courses

"Virtual Labs allow me to provide online students a straightforward, realistic lab experience with the same outcomes as an in-person lab course."
Melissa Gutierrez, Biology
University of Southern Mississippi

Build Basic Skills
Develop contextual and procedural knowledge off campus to be applied during in-person labs.

Create Lab Prep Assignments
Introduce lab equipment and techniques to achieve better outcomes in the lab.

Promote Accountability
Enable independent learning without partner pressure or time constraints.

Increase Comprehension
Students receive continuous feedback to ensure understanding of each phase in the lab simulation.

Design an interactive experience that allows students to learn through doing and visualizing.

Students appreciate applied learning and low-stress assignments, resulting in increased classroom participation and engagement.

Authentic assignments reinforce the application of concepts learned in lecture to a simulated lab experience.

Pre-lab assignments prepare and then post-lab assignments evaluate lab comprehension.

Develop contextual and procedural knowledge through simulated lab experiments and procedures.

Automated feedback during lab simulations guarantees accurate lab skills and procedures without the instructor being physically present.

Combine Virtual Labs with a digital platform to create discussion forums for student engagement or written lab reports to demonstrate student comprehension.

Eliminate concerns over student safety by removing the need for chemicals and lab materials at home.

Enhance your curriculum in a variety of ways, including:
- Accessible Lab Solution (VPAT)
- Online Lab Courses
- Pre-Lab Preparation
- Post-Lab Review
- Online Lab Supplement
- Lecture Integration
- Makeup Labs

See Complete List of 130+ Simulations: