

Introduction

LabSim PC Pro is used to provide a simulated, hands-on laboratory for the purposes of learning about important hardware and software concepts. In an online environment, it is impossible for students to work directly with hardware or software in administrative scenarios. Therefore, LabSim is the tool that supports students in their pursuit to understand difficult concepts in an online environment.

Use of LabSim PC Pro requires a one-time registration process. You should have received an activation code from the bookstore (Words of Wisdom). Notify the bookstore immediately if you have not yet received your activation code. Contact Words of Wisdom at aiuonlinebooks@wordsofwisdombooks.com.

Instructions for accessing LabSim can be found in the Course Materials section. You can also contact your instructor with any questions. You will have access to LabSim PC Pro for 36 months (3 years) from the date of registration.

Note that LabSim PC Pro is aligned with CompTIA's A+ certification. Completing this lab will not qualify you to complete the exam. You must complete several courses to cover all the concepts included in the certification exam. Further, completing the coursework does not conclude with automatic certification. Those students who wish to pursue certification may do so outside the classroom. For those students that qualify, they may contact the Registrar's office for receipt of a discounted certification voucher honored by CompTIA.

Hardware requirements: Click [here](#) to verify that you meet the necessary hardware requirements. Note that you will need speakers.

Expected time for completion: It should take you two hours or more depending on the time necessary to familiarize yourself with the tool. You may complete the tasks in numerous iterations. You do not need to complete all of the lab tasks in one sitting.

Lab Description

This lab is optional for students who have used LabSim PC Pro during a prior course. Upon completion, you will be able to do the following:

- Navigate LabSim sections
- Experience and utilize a variety of learning tools including videos, fact sheets, images, and so forth

- Describe operating systems

Lab Tasks

Each module contains numerous sections. Each section contains subsections. The last subsection contains practice questions that are related to the topic of that subsection. The practice questions are not required. Completing the practice questions is optional. The results of the practice questions do not impact your course grade one way or the other.

Module 1.0: Computing Overview

Complete the following to become familiar with the LabSim environment in the event that you have not used it before:

- **Section 1.0:** Course Introduction (Optional)
- **Section 1.2:** Using the Simulator (Review demos and complete simulations: Subsections 1.2.1, 1.2.2, 1.2.3, and 1.2.4) (Optional)

Complete the following for a review of operating system basics:

- **Section 1.4:** Windows Basics (Review video and demos: Subsections 1.4.1, 1.4.3, 1.4.4, and 1.4.5)
- **Section 1.5:** Linux Basics (Review video: Subsection 1.5.1)
- **Section 1.6:** Mac OS Basics (Review video and demo: Subsections 1.6.1, and 1.6.2)

The above sections include the following hands-on simulation:

- **1.2.2:** Explore the Lab Interface
- **1.2.4:** Connect Internal Components