

### 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](mailto: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 and thirty minutes or more depending on your hardware and your familiarity with LabSim. You may complete the tasks in numerous iterations. You do not need to complete all the lab tasks in one sitting.

### Lab Description

Upon completion, you will be able to do the following

- Examine skillsets necessary to possess and to develop for an information technology (IT) professional
- Review tools available to maintain computers

- Install an uninterruptable power supply (UPS)

### 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 2.0: PC Technician

Complete the following sections and the denoted subsections:

- **Section 2.1:** Protection and Safety (Review videos: Subsections 2.1.1, 2.1.3, 2.1.4, and 2.1.6)
- **Section 2.2:** Professionalism (Review video and facts: Subsections 2.2.1 and 2.2.2)
- **Section 2.3:** PC Tools (Review video: Subsection 2.3.1)
- **Section 2.4:** PC Maintenance (Review videos, demo and complete simulation: Subsections 2.4.1, 2.4.3, 2.4.4, and 2.4.6)

The above sections include the following hands-on simulation:

- **2.4.6:** Install a UPS