



Prior Learning Training or Certification Map
Course: <a href="#">ISTC 1010 – Microcomputer Maintenance</a>
Certification Name: <a href="#">PC Pro Certification</a>
Certification Website: <a href="http://www.testout.com/certification/pro-exams/pc-pro">http://www.testout.com/certification/pro-exams/pc-pro</a>
Mapped By:
Date: <a href="#">11/13/2019</a>
Verification Website: <a href="http://www.testout.com/certification/pro-exams/Objectives/PC-Pro-Objectives">http://www.testout.com/certification/pro-exams/Objectives/PC-Pro-Objectives</a>

Qualifications To Receive Certification/Training Credits	
Must have one of the following:	
Course Outcomes (Course number and name)	
Course Outcomes	Certification/Training Match
1. compare hard disk interfaces	
2. compare microprocessor types	
3. compare video display hardware	
4. contrast bus slots and I/O (Input/Output) cards	
5. define types of hard drives	
6. describe preventive maintenance	
7. describe tools used to repair PCs	
8. diagnose power supply problems	
9. differentiate between motherboard architectures	
10. disassemble PC (Personal Computer)	
11. discuss USB (Universal Serial Bus)	
12. discuss error codes	
13. discuss hard disk organization	
14. discuss hardware and software diagnostic tools	
15. discuss optimizing the system	
16. discuss password security	
17. discuss sound card applications	
18. discuss system configuration	
19. discuss the use of backup devices	
20. explain CD-ROM (Compact disk - read only memory) technology	
21. explain hard disk maintenance procedures	
22. explain keyboard operations	
23. explain memory layout	
24. explain mouse operation	
25. explain serial communications	
26. format a hard drive	
27. identify major components	
28. identify media types	



## Example - Industry to College Competency Crosswalk

29. install operating system	
30. isolate problems	
31. observe safety procedures	
32. partition hard drives	
33. remove/replace CD-ROM	
34. remove/replace floppy drive	
35. remove/replace graphics card	
36. remove/replace hard drive	
37. remove/replace memory	
38. remove/replace mother board	
39. remove/replace power supply	
40. using power-on-self-test	
Course and Certification Details:	
Validated By:	
Next Review Date:	

Must be signed by all full time department faculty:

I have evaluated the industry certification or standardized assessment in my area of expertise and have deemed that students earning the above certification or qualifying score on the assessment listed would be demonstrating at least 75% of the competencies/outcomes of the course listed as an equivalency.

Faculty validation: \_\_\_\_\_ Date: \_\_\_\_\_

Program validation: \_\_\_\_\_ Date: \_\_\_\_\_

Dean Validation: \_\_\_\_\_ Date: \_\_\_\_\_

Registrar Validation: \_\_\_\_\_ Date: \_\_\_\_\_

<https://www.testout.com/certification/pro-exams/Objectives/PC-Pro-Objectives>

## TestOut PC Pro Exam Objectives

### Hardware

Given a scenario, select and install PC components

Given a scenario, configure hardware components

Given a scenario, install and configure storage

Given a scenario, install and configure a printer

Given a scenario, configure networking devices

Given a scenario, manage mobile devices

### Software

Given a scenario, install, update, and configure an operating system

Given a scenario, use operating system features and utilities

Given a scenario, manage file systems

Given a scenario, configure PC networking

Given a scenario, implement disaster prevention and recovery methods

Given a scenario, implement remote access

Given a scenario, configure virtualization

### Security

Given a scenario, implement tools to detect, remove, and prevent malware

Given a scenario, implement mobile device security

Given a scenario, implement security best practices

### Troubleshooting

Given a scenario, troubleshoot hardware components

Given a scenario, troubleshoot software components

Given a scenario, troubleshoot networking



<https://www.testout.com/certification/pro-exams/pc-pro>

#### EXAM SPECIFICATIONS

**Exam Version:** 6.0

**Release Date:** January 2, 2019

**Question Count:** Up to 14 questions

**Task Count:** Up to 50 tasks

**Time Limit:** 120 minutes

**Score Range:** 200 - 2,000

**Passing Score:** 1,420

[Show Old Exam Specs](#)

#### SKILLS ASSESSED

The TestOut PC Pro Certification exam measures an examinee's ability to install, repair, configure, secure, and manage the following systems and devices:

- Computer Operating Systems
- PC Hardware
- PC Software
- Basic Networking Devices and Printers
- Mobile Devices

[View Exam Objectives](#)

#### ASSOCIATED COURSEWARE

[TestOut PC Pro](#)

#### Notes:

- The TestOut PC Pro certification is included in the cost of TestOut's PC Pro courseware.
- The TestOut PC Pro exam is comprised of simulations and other questions intended to measure skills.
- Examinees may encounter a small number of unscored tasks that are used to evaluate and improve the exam. These tasks will not impact an examinees' final score.
- The TestOut PC Pro certification exam is a culminating exam that instructors may offer students. To pass the exam, students should complete an entire course of study for PC hardware and software.
- Students who take and pass the exam can download a digital certificate.
- Upon passing, certificates and wallet cards can be ordered from the LabSim home page for a minimal fee.
- If you have any questions regarding the TestOut PC Pro certification, please contact your TestOut sales representative at [1-800-877-4889](tel:1-800-877-4889) or email [ProCertifications@testout.com](mailto:ProCertifications@testout.com).
- If you would like to evaluate or retake any of the TestOut Pro certifications, you may request additional instructor exam vouchers by emailing [ProCertifications@testout.com](mailto:ProCertifications@testout.com)