

COMPTIA A+ CORE 1 (220-1001) EXAM CHAPTER 17: DISPLAY TECHNOLOGIES

OBJECTIVE MAPPING*

EPISODE: MONITOR TECHNOLOGIES

CORE 1 EXAM OBJECTIVES

DOMAIN 3.0 - HARDWARE

3.6 Explain the purposes and uses of various peripheral types

- Monitors

EPISODE: LCD BREAKDOWN

CORE 1 EXAM OBJECTIVES

DOMAIN 3.0 - HARDWARE

3.6 Explain the purposes and uses of various peripheral types

- Monitors

EPISODE: GRAPHICS CARDS AND CONNECTIONS

CORE 1 EXAM OBJECTIVES

DOMAIN 3.0 - HARDWARE

3.1 Explain basic cable types, features, and their purposes

- Video cables
 - VGA
 - HDMI
 - Mini-HDMI
 - DisplayPort
 - DVI
 - DVI-DDVI-I

3.5 Given a scenario, install and configure motherboards, CPUs, and add-on cards

- CPU features
 - Integrated GPU
- Expansion cards
 - Video cards
 - Onboard
 - Add-on card

DOMAIN 4.0 - VIRTUALIZATION AND CLOUD COMPUTING

4.6 Explain the processes for addressing prohibited content/activity, and privacy, licensing, and policy concepts

- Licensing/DRM/EULA

EPISODE: INSTALLING A GRAPHICS CARD

DOMAIN 3.0 - HARDWARE

3.5 Given a scenario, install and configure motherboards, CPUs, and add-on cards

- Expansion cards
 - Video cards
 - Onboard
 - Add-on card

EPISODE: PROJECTORS

DOMAIN

3.6 Explain the purposes and uses of various peripheral types

- Projector
 - Lumens/brightness

EPISODE: TROUBLESHOOTING MONITORS

DOMAIN 5.0 - HARDWARE AND NETWORK TROUBLESHOOTING

5.4 Given a scenario, troubleshoot video, projector, and display issues

- Common symptoms
 - VGA mode
 - No image on screen
 - Overheat shutdown
 - Dead pixels
 - Artifacts
 - Incorrect color patterns
 - Dim image
 - Flickering image
 - Distorted image
 - Distorted geometry
 - Burn-in
 - Oversized images and icons

*This document can be used to determine what CompTIA A+ exam objectives are in each episode, as well as map where those objectives are in the official "CompTIA A+ 220-1101 Exam Objectives (2.0)" PDF resource that accompanies this course.

**Why am I seeing different Core exams than what I'm studying? In some cases, you may be watching a video series that focuses on the Core 1 exam, however some of the episodes contain Core 2 exam objectives, or vice versa. There are 2 reasons for this: 1) The other Core exam topic is covered to give you a better, fuller understanding of the surrounding topics, and 2) Some episodes contain information from both Core exams because the topics coincide with each other and are more easily taught in 1 episode than breaking them out into separate episodes.