

CCNA

Lesson: 4/9/2020

Learning Targets:

- Troubleshoot problems when a motherboard is not working correctly
- Understand how to diagnose & fix overheating issues

Focus Questions:

- What are the symptoms of system power problems? How do you troubleshoot system power problems?
- How do you interpret BIOS/UEFI error codes generated during POST?
- What are the symptoms of system overheating? How do you troubleshoot overheating issues?
- What are the symptoms of internal and external device failures? How do you troubleshoot internal and external device failures?

Learning Tasks:

- Navigate to TestOut.com & log on using your credentials
- Navigate to PCPro Chapter 3 System Components, Section 4 - Motherboard Troubleshooting
- Review Vocabulary words for 3.4 before starting into Section
- Read Fact Sheets located in sections 3.4.2
- Watch videos located in sections 3.4.1
- Complete Lab Sim located in section 3.4.3, 3.4.4
- Answer/Review Practice Questions located in section 3.4.5

Additional Practice:

- Using the internet, research other common issues that might be causing your motherboard to work incorrectly and cause issues with your computer

Total Time:

Time Breakdown:

- Videos = 10 Minutes
- Fact Sheets = 5 minutes
- Lab Simulation = 10 minutes
- Practice Questions = 5 minutes

Total Time = 30 minutes

Reference: [TestOut PC Pro Lesson Plan Doc](#)