Information Technology Essentials
Lesson: 4/8/2020

Learning Targets:
- Monitor system performance using Task Manager
- Monitor system performance using Performance Monitor
- Monitor system performance using Resource Monitor
- Monitor system performance using Reliability Monitor

Focus Questions:

- Which system components are commonly monitored to troubleshoot system performance?
- When examining system performance statistics, what is the difference between counters and objects?
- What should be done if the processor utilization in a system is consistently over 90%?
- What should be done if the amount of memory being utilized in a system is close to the amount of RAM installed?
- What should be done if the page file utilization in a system is near 100%?
- What causes thrashing? Which performance statistic might be examined to identify thrashing?
- Which statistics should be examined to diagnose a network adapter bottleneck?

Learning Tasks:

- Navigate to TestOut.com & log on using your credentials
- Navigate to PC Pro Chapter 12 - System Management, Section 3 - Performance Monitoring
- Review Vocabulary words for 12.3 before starting into Section
- Read Fact Sheets located in sections 12.3.3
- Watch videos located in sections 12.3.1, 12.3.2
- Answer/Review Practice Questions located in section 12.3.4

Additional Practice:

- Using your own computer, practice some of the techniques used in this section to explore the files of your own computer

Total Time:

Time Breakdown:
- Videos = 15 Minutes
- Fact Sheets = 8 minutes
- Practice Questions = 7 minutes

Total Time = 30 minutes

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