



Lesson Plan

Course Title: Computer Maintenance

Session Title: Hard Drives

Lesson Duration: 90 Minutes

Performance Objective:

Upon completion of this assignment, the student will be able to recognize a hard drive, the type of connection, and drive specifications on a computer.

Specific Objectives:

- Understand how a hard drive works.
- Define terms associated with the lesson.
- Identify various types of hard drives.
- Explain how data is stored on a hard drive.
- Calculate the size of a hard drive.

Preparation

TEKS Correlations:

This lesson, as published, correlates to the following TEKS. Any changes/alterations to the activities may result in the elimination of any or all of the TEKS listed.

130.273(C)(7)(A) – *hard drive portion addressed*

identify the purpose and function of computer components in the operation of the computer system such as central processing unit, motherboard, sockets, chipsets, basic input and output systems and their drivers, memory, hard drive technologies, video cards, input and output devices and ports, and modem and network interface cards (NIC).

130.273(C)(7)(A)

demonstrate hard drive maintenance procedures such as defrag scan and clear caches.

Instructor/Trainer

References: www.howstuffworks.com

Instructional Aids:

- Hard Drives PowerPoint Presentations
- Hard Drives PowerPoint Presentations – Handouts
- Hard Drive Quiz
- Hard Drive Quiz Key
- Hard Drive Lab 1
- Hard Drive Lab 1 Key
- Hard Drive Lab 2
- Hard Drive Lab 2 Key