



Computer Applications II

LAP 3-Software: Understanding Computer Operating Systems

Name _____

Period _____

Date Started _____

Date Completed _____

DoDEA Standards

- ♦PT1e Demonstrate a sound understanding of the nature and operation of technology systems, both hardware and software
- ♦PT1I Know the characteristics and uses of communications and networking systems
- ♦PT2c Make informed choices among technology systems, resources, and services
- ♦PT3d Use technology tools and resources for managing and communicating personal/professional information, e.g., finances, schedules, addresses, purchases, and correspondence.
- ♦PT4a Access information efficiently and effectively
- ♦PT5d Manage and direct one's own learning.
- ♦PT5j Demonstrate and advocate for legal and ethical behaviors among peers, family, and community regarding the use of technology and information.

Objectives

- ♦ Explain multitasking and its benefits
- ♦ Describe the functions of an operating system
- ♦ Distinguish among the different operating systems; platforms
- ♦ Outline the evolution from command-line interface to graphical user interface OS software
- ♦ Describe the impact Microsoft has had on the operating system market
- ♦ Define the alternatives to Microsoft operating systems
- ♦ Define a multiplatform system
- ♦ Describe future trends in operating systems

Resource

Title: Computer Technology-Changes, Challenges, and Choices
 Author(S): C. Norman Hollingsworth and Mary Carole Hollingsworth
 Chapter 3: Software: Understanding Computer Operating Systems

Time Frame 5 hours

Introduction

Chapter 3 will help you understand the reason for having an operating system and the functions it performs, and also you will be learning about the different systems.

Assignments

Where appropriate and possible, written answers must be in complete sentences and keyed. Turn in completed activities as directed by instructor.

_____ **Read:** Pages 58-77

_____ **Complete:** Multiple Choice questions 1-15 on pages 78-80.

_____ **Complete:** True False questions 1-15 page 80

_____ **Complete:** Technology in Context Questions 1, 2, 3, 4, 5 on pages 80-81

Self Assessment - "I/I can . . . "

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- _____ Describe the functions of an operating system
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Please ask instructor for additional instructions