

UNIT 05.FUNDAMENTALS OF OPERATING SYSTEMS

Study guide

Computer Systems
CFGS DAW

Autores: Alfredo Oltra / Sergio García

Actualizado: Vicent Bosch

vicent.bosch@ceedcv.es

2020/2021

Versión:201127.1002

Licencia

Reconocimiento - NoComercial - Compartirlgual (by-nc-sa): No se permite un uso comercial de la obra original ni de las posibles obras derivadas, la distribución de las cuales se debe hacer con una licencia igual a la que regula la obra original.

Nomenclatura

A lo largo de este tema se utilizarán distintos símbolos para distinguir elementos importantes dentro del contenido. Estos símbolos son:



Importante



Atención



Interesante

ÍNDICE DE CONTENIDO

1.Data.....	4
2.Previous knowledge.....	4
3.Objectives.....	4
4.Contents.....	4
5.Activities.....	5
6.Recommendations.....	5

UD05. FUNDAMENTALS OF OPERATING SYSTEMS

1. DATA

From 30/11/2020 to 13/12/2020. The length of the unit is 2 weeks (24 hours).

2. PREVIOUS KNOWLEDGE

Knowledge about hardware.

3. OBJECTIVES

1. To learn how an operating system works.
2. To learn which tasks does an operating system.
3. To learn algorithms about process.
4. To understand how the O.S. manage the memory.

4. CONTENTS

1. Classification of operating systems.
2. Main functions of an operating system.
3. Process management algorithms.
4. Memory management.
5. File-system features.
6. I/O management.

5. ACTIVITIES

You have two kinds of activities.

1. Research and development activities. You have to search information (most of it not studied in the contents) and write about it.
2. Practical activities about process management.

6. RECOMMENDATIONS

The activities help you to order and clarify ideas. Besides, there is a test to help you to check your

knowledge.