

Sistemas Informáticos (Computer Systems)

# Unit 03. Study guide

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Authors: Sergi García

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## UNIT 03. INFORMATION REPRESENTATION

### 1. DATES

From 17/10/2022 to 30/10/2022. The length of the unit is 2 weeks (16 hours).

### 2. PREVIOUS KNOWLEDGE

- Basic knowledge of how a computer works.

### 3. OBJECTIVES

- To learn how an operating system works.
- To learn what tasks perform an operating system.

### 4. CONTENTS

- How to classify operating systems.
- Operating systems functions.
- Process management.
- Memory management.
- Input / Output management.
- File system management.

### 5. ACTIVITIES

It is very important to read the notes and perform the exercises. These exercises are not part of assessment, but note that it is very common to have several questions from this unit in the exam.

### 6. RECOMMENDATIONS

It is very important to go to the TC with the main concepts studied.