



## **UD 02.**

# **ARCHITECTURE AND COMPONENTS**

Desarrollo de Aplicaciones Multiplataforma  
CFGS DAM

## Study guide

2022/2023

Versión:220920.1602




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## Nomenclatura

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

 Importante

 Atención

 Interesante

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## UD02. ARCHITECTURE AND COMPONENTS

### 1. DATA

From 10/10/2022 to 17/10/2020. The length of the unit is 1 weeks (8 hours).

### 2. PREVIOUS KNOWLEDGE

- None, we'll cover basic knowledge about computer systems architecture and computer systems components.

### 3. OBJECTIVES

1. To learn what's a computer system.
2. To learn what's a computer system architecture.
3. To learn about Von Neumann architecture and its abstract components
4. To learn about computer systems basic components.
5. To learn the features that define computer components.
6. To learn about the functions of the computer components.

### 4. CONTENTS

1. Historical Evolution
2. Computer Architectures
3. Components
  1. Motherboard
  2. Processors
  3. Memory
  4. Hard Disk
  5. Graphic Cards
  6. Screens

## 5. ACTIVITIES

It is very important to read the notes and perform the exercises. This exercises are not part of assesment, but note that it is very common to have several questions from this unit in the exam. The solutions will be published at the beginning of the week 3.

## 6. RECOMMENDATIONS

You have some videos explaining some of the contents.