## Al Badar Computer Institute

# **Basics of Computer Course Outline:**

#### **Introduction to Computers**

- Definition and evolution of computers
- Basic components of a computer system (CPU, memory, input/output devices)
- Types of computers (desktop, laptop, tablet, smartphone)
- Operating systems and their functions

#### Computer Hardware

- Overview of hardware components (CPU, RAM, storage devices, input/output devices)
- Understanding computer ports and connectors
- Maintenance and troubleshooting tips

#### Computer Software

- Types of software (system software, application software)
- Introduction to operating systems (Windows, macOS, Linux)
- Overview of software applications (word processing, spreadsheet, presentation software)

#### Windows Installation

- Understanding system requirements for Windows installation
- Preparing for installation (backup, partitioning)
- Installing Windows operating system
- Post-installation setup and configuration

#### **Basic Windows Operations**

- Navigating the Windows desktop and Start menu
- Using Windows Explorer/File Explorer for file management
- Customizing Windows settings and preferences
- Understanding user accounts and permissions

#### Internet and Email Basics

- Introduction to the internet and its components
- Web browsers and their functions

- Understanding URLs, websites, and web pages
- Internet safety and security tips
- Setting up and configuring email accounts
- · Composing, sending, and receiving emails

#### **Basic Computer Skills**

- Using a mouse and keyboard efficiently
- File management (creating, saving, organizing files and folders)
- Basic text editing and formatting
- Printing documents

### **MS Office Course Outline:**

#### Introduction to MS Office Suite

- Overview of Microsoft Office applications (Word, Excel, PowerPoint, Outlook)
- Importance and uses of MS Office in personal and professional settings

#### Microsoft Word

- Creating, saving, and opening documents
- Text formatting (font styles, sizes, colors)
- Paragraph formatting (alignment, indentation, spacing)
- Inserting and formatting images, tables, and charts
- Page layout and printing options

#### Microsoft Excel

- Introduction to spreadsheets and cells
- Basic calculations and formulas
- Formatting cells (number, alignment, font)
- Working with rows, columns, and sheets
- Creating charts and graphs

#### Microsoft PowerPoint

- Creating and organizing slides
- Adding text, images, and multimedia elements
- Applying slide transitions and animations
- Tips for effective presentation design and Presenting slideshows

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