Flow up of implementation celli pass play

Course Instructor	**Dr. Akeel Ibrahim Mustaf Ali**
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Title	**Computer 1**
Course Coordinator	**Computer Applications and Artificial Intelligence1**
Course Objective	**The student should be familiar with the concept of basic computer applications. Artificial intelligence and its various applications in various fields of work and study.**
Course Description	**First year –second stage / Bologna process**
Textbook	1. **Graham Brown, David Watson, "Cambridge IGCSE Information and Communication Technology", 3rd Edition (2020)** 2. **Al-Khader Ali Al-Khader Researcher "Computer Basics" 2016** 3. **Dr. Adel Abdel Nour, "Introduction to the World of Artificial Intelligence"2005**

Course Assessments	**Term Tests**	**laboratory**	**Quizzes**	**project**	**Final Exam**
	20%	**15%**	**5%**	**10%**	**50%**

General Notes	

Republic of Iraq

Ministry of Higher Education and Scientific Research

Scientific Supervision and Evaluation Authority

وزارة التعليم العالي والبحث العلمي
Ministry of Higher Education & Scientific Research

University name: Diyala
College Name: Agriculture
Department Name: Animal Production
Stage: First
Full name of lecturer: Lec. Dr. Akeel Ibrahim Mustaf
Academic title: Teacher
Academic qualification: PhD
Work Place: Faculty of Agriculture

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The week	the date	Theoretical material	Practical material	Notes
1		**Introduction to Computer: Hardware, software and components concepts; Concept of computing, data and information; Linking input, output and peripheral devices to the CPU**	**Presenting theoretical concepts through browsing the Internet and working on computers in the laboratory.**	
2		**Computer Components: Computer Parts, Hardware Parts, Input and Output Units, Memory Types**	**Presenting theoretical concepts through browsing the Internet and working on computers in the laboratory.**	
3		**Computer Components (Continued): Basic CPU Components, Computer Ports, Personal Computer (Features and Types)**	**Presenting theoretical concepts through browsing the Internet and working on computers in the laboratory.**	
4		**Operating System and GUI: Operating System; Basics of Common Operating Systems; User Interface, Use of Mouse Techniques**	**Presenting theoretical concepts through browsing the Internet and working on computers in the laboratory.**	
5		**Operating system and graphical user interface: use of common icons, status bar, use of menu and menu selection, concept of folders and directories, opening and closing different windows; creating shortcuts.**	**Presenting theoretical concepts through browsing the Internet and working on computers in the laboratory.**	
6		**Word Processing: Word processing basics; basic features of word processors; opening and closing documents; creating and manipulating text; formatting text and paragraphs; using templates to create documents.**	**Presenting theoretical concepts through browsing the Internet and working on computers in the laboratory.**	
7		**Word Processing (continued): Creating and managing tables, using styles and themes, spelling and grammar checking tools, using headers and footers**	**Presenting theoretical concepts through browsing the Internet and working on computers in the laboratory.**	
8		**Spreadsheets: Introduction to spreadsheet programs, creating and formatting worksheets. Sorting and filtering data, using and filtering formulas, using formulas and functions.**	**Presenting theoretical concepts through browsing the Internet and working on computers in the laboratory.**	
9		**Spreadsheets (continued): Using**	**Presenting theoretical concepts**	

		formulas and functions, Using pivot tables to analyze data, Validating data and checking for errors, Visualizing data: Creating charts and graphs.	through browsing the Internet and working on computers in the laboratory.	
10		Presentation Software: Introduction to presentation software, overview of common presentation tools, creating a new presentation, using templates and themes, inserting and formatting text and images, transition effects and animations.	Presenting theoretical concepts through browsing the Internet and working on computers in the laboratory.	
11		Presentation Software (continued): Using speaker notes and timers, Advanced features: hyperlinks and action buttons, Troubleshooting common presentation problems, Future trends in presentation technology.	Presenting theoretical concepts through browsing the Internet and working on computers in the laboratory.	
12		Introduction to the Internet and Web Browsers: Basic Computer Networks; Local Area Network, Wide Area Network; Internet Concept and Applications; Internet Connection.	Presenting theoretical concepts through browsing the Internet and working on computers in the laboratory.	
13		Introduction to the Internet and Web Browsers (continued): World Wide Web; Web Browsers; Search Engines; Understanding URLs; Domain Name; IP Address.	Presenting theoretical concepts through browsing the Internet and working on computers in the laboratory.	
14		Communications and Email: Email basics; Getting an email account; Sending and receiving email; Accessing sent email; Using email; Collaborating on documents.	Presenting theoretical concepts through browsing the Internet and working on computers in the laboratory.	
15		Introduction to Cloud Computing and Services: Definition and Concept of Cloud Computing, GroupsCloud-based Office (Office 365 and Google Workspace), Google Docs, Google Sheets, Google Drive, and Google Meet.	Presenting theoretical concepts through browsing the Internet and working on computers in the laboratory.	

Instructor Signature:
Dr. Akeel Ibrahim Mustafa
15/1/2025

Dean Signature:
Prof. Dr. Raaed Ibrahim Khalil
15/1/2025