

Course Description

This course description provides a concise summary of the main course features and the learning outcomes expected of the student, demonstrating whether the student has made the most of the available learning opportunities. It must be linked to the program description.

University of the Heirs of the Prophets (peace be upon them) - College of Media	1. Educational institution
Digital Media Department -Stage two	2. Scientific Department / Center
Networking Principles	3. Course Name/Code
mandatory	4. Available attendance forms
M.M. Ghaith Musa Imran	5. Name of the subject teacher
annual	6. semester/year
Two hours per week My theory with my practical hour	7. Number of study hours (total)
12/11/2024	8. Date this description was prepared

9. Course objectives

- The student should understand the conceptInstalling the network card
- The student studies organizationNetworking and its types
- The student should see the additionNetwork devices
- The student should get to knowIP and its divisions in the network with its types
- The student should explainPair-to-pair networking
- The student understands how to work onBroccoli Address
- The student should have the ability to knowSpecify the network mask
- The student can expand his horizonsSpecify the type of transmitted signal
- The student should explain the concept of communication technology functions.theNetwork ID
- To be able to share the network
- To learn about network design
- Understand the management of posts with network management
- To know how to use protocols

10. Course outcomes, teaching, learning and assessment methods

A- Cognitive objectives

- 1- Know the concept Installing the network card
- 2- Organize Networking and its types
- 3- Able to add Network devices
- 4- Knows IP and its divisions in the network with its types
- 5- Determines Pair-to-pair networking
- 6- Knowing how to work on Broccoli Address
- 7- Knows the functions of communication technology the Network ID
- 8- Able to share the network
- 9- Able to manage the network and manage its shares
- 10- Able to use protocols

B - Course specific skill objectives.

- 1- Gaining experience and skills by studying previous experiences.
- 2- Identify the most important elements of the course.
- 3- The student acquires practical and scientific skills that help him perform his duties in the required manner.
- 4- Relying on studying the technical programs that have been passed.

Teaching and learning methods

- 1- Scientific lecture method
- 2- Discussion method by directing questions to students and participating in the lecture
- 3- Using modern methods in blended learning

Evaluation methods

Daily oral test
The test is short
Monthly test
Final Exam

C- Emotional and value-based goals

- 1- Demonstrate professional responsibility at work by drawing on previous experiences.
- 2- Demonstrate the ability to work on programs.
- 3- The ability to work within groups and cooperate collectively.
- 4- The ability to manage time optimally.

D - General and transferable skills (other skills related to employability and personal development).

1- The student can be a successful journalist.

2- The ability to learn independently

3- To have realistic experiences with cognitive perceptions.

4- Develop reporting skills.

11. Course structure

Evaluation method	Teaching method	Unit name/topic	Required learning outcomes	watches	week
Electronic, written, oral and direct questions tests	Delivering lectures and discussions in person or electronically, depending on the general circumstances.	Installing the network card	Installing the network card	2	1
Electronic, written, oral and direct questions tests	Delivering lectures and discussions in person or electronically, depending on the general circumstances.	Networking and its types	Networking and its types	2	2
Electronic, written, oral and direct questions tests	Practical application on the computer using Photoshop	Networking and its types	Networking and its types	2	3
Electronic, written, oral and direct questions tests	Delivering lectures and discussions in person or electronically, depending on the general circumstances.	Network devices	Network devices	2	4
Electronic, written, oral and direct questions tests	Delivering lectures and discussions in person or electronically, depending on the general circumstances.	IP	IP with its classifications	2	5
Electronic, written, oral and direct questions tests	Delivering lectures and discussions in person or electronically,	Pair-to-pair networking	Pair-to-pair networking	2	6

	depending on the general circumstances.				
Electronic, written, oral and direct questions tests	Delivering lectures and discussions in person or electronically, depending on the interaction.	Specify the address of the broncoli	Specify the address of the broncoli	2	8
Electronic, written, oral and direct questions tests	Delivering lectures and discussions in person or electronically, depending on the general circumstances.	Specify the network mask	Specify the network mask	2	9
Electronic, written, oral and direct questions tests	Delivering lectures and discussions in person or electronically, depending on the general circumstances.	theNetwork ID	theNetwork ID	2	10
Electronic, written, oral and direct questions tests	Practical application	File transfer	File transfer	2	11
Electronic, written, oral and direct questions tests	Practical application	Network sharing	Network sharing	2	12
Electronic, written, oral and direct questions tests	Delivering lectures and discussions in person or electronically, depending on the general circumstances.	Network sharing	Network sharing	2	13

Electronic, written, oral and direct questions tests	Delivering lectures and discussions in person or electronically, depending on the general circumstances.	Security approvals	Security approvals	2	14
Electronic, written, oral and direct questions tests	First semester exam			2	15
Electronic, written, oral and direct questions tests	Delivering lectures and discussions in person or electronically, depending on the general circumstances.	Use of thePING	Use of thePING	2	16
Electronic, written, oral and direct questions tests	Delivering lectures and discussions in person or electronically, depending on the general circumstances.	Use of theMAC	Use of theMAC	2	17
Electronic, written, oral and direct questions tests	Delivering lectures and discussions in person or electronically, depending on the general circumstances.	Network design	Network design	2	18
Electronic, written, oral and direct questions tests	Delivering lectures and discussions in person or electronically, depending on the	Messages on the network	Messages on the network	2	19

	general circumstances.				
Electronic, written, oral and direct questions tests	Delivering lectures and discussions in person or electronically, depending on the general circumstances.	Post Management	Post Management	2	20
Electronic, written, oral and direct questions tests	Delivering lectures and discussions in person or electronically, depending on the general circumstances.	wireless network	wireless network	2	21
Electronic, written, oral and direct questions tests	Delivering lectures and discussions in person or electronically, depending on the general circumstances.	Network layers	Network layers	2	22
Electronic, written, oral and direct questions tests	Delivering lectures and discussions in person or electronically, depending on the general circumstances.	Linking via suj	Linking via suj	2	23
Electronic, written, oral and direct questions tests	Delivering lectures and discussions in person or electronically, depending on the general circumstances.	Connecting via router	Connecting via router	2	24
Electronic, written, oral	Delivering lectures and	Use of protocols	Use of protocols	2	25

and direct questions tests	discussions in person or electronically, depending on the general circumstances.				
Electronic, written, oral and direct questions tests	Delivering lectures and discussions in person or electronically, depending on the general circumstances.	Use of protocolsIEEE	Use of protocolsIEEE	2	26
Electronic, written, oral and direct questions tests	Delivering lectures and discussions in person or electronically, depending on the general circumstances.	Use of protocolsIEEE	Use of protocolsIEEE	2	27
Electronic, written, oral and direct questions tests	Delivering lectures and discussions in person or electronically, depending on the general circumstances.	Practical applications of the most important softwareIn the field of networks that can be employed in the field of media work	The student should understand the most important software.	2	28
Electronic, written, oral and direct questions tests	Delivering lectures and discussions in person or electronically, depending on the general circumstances.	Practical applications	The student understands the programs	2	29
		Second month exam			30

12. infrastructure

nothing	1- Required textbooks
Computer Networking: A Top-Down Approach by Kurose and Ross: This book is an excellent and comprehensive reference to networking principles. It uses a top-down approach to explaining concepts, starting with applications and working down to the other layers of the network.	2- Main references (sources)
Networking All-in-One For Dummies by Doug Lowe: A simple and easy-to-understand book that presents networking fundamentals in a practical, hands-on way. It may be suitable for students without a strong technical background.	A- Recommended books and references (scientific journals, reports, etc.)
<input type="checkbox"/> TCP/IP Illustrated, Volume 1: The Protocols by W. Richard Stevens: This book is a classic reference to the TCP/IP protocols and is essential for understanding how the Internet works.	B - Electronic references, websites..

13. Curriculum development plan: keeping pace with the scientific developments taking place and using modern methods in media studies, pointing out weak points, applying the basic components of comprehensive quality management.