



The University of Jordan

Accreditation & Quality Assurance Center

COURSE Syllabus

1	Course title	Information networks
2	Course number	0807313
3	Credit hours (theory, practical)	3
	Contact hours (theory, practical)	3
4	Prerequisites/corequisites	
5	Program title	Library and information science
6	Program code	70
7	Awarding institution	University of Jordan
8	Faculty	Faculty of educational sciences
9	Department	Library and information science
10	Level of course	Undergraduate programme
11	Year of study and semester (s)	2024-2023
12	Final Qualification	Undergraduate programme
13	Other department (s) involved in teaching the course	Taught in faculty of Information Technology
14	Language of Instruction	English
15	Date of production/revision	2024-2023

16. Course Coordinator:

Office numbers, office hours, phone numbers, and email addresses should be listed.

17. Other instructors:

Office numbers, office hours, phone numbers, and email addresses should be listed.

18. Course Description:

As stated in the approved study plan.

This is a course that introduces the concept of networking and how related technologies are used nowadays in everyday life to facilitate work and processes. This course should let you explore the concept of Information and Communication Systems (ICTs), and reflect on how these are involved in our lives. The course also looks at social networking and collaboration tools.

19. Course aims and outcomes:

A- Aims:

1. Introducing the networked world we live in
2. Understand the technologies used in these networks
3. Understand how these technologies are applied in reality with introducing some examples
4. Introducing the concept of Information and Communication Technologies (ICTs), and understand how it enables communication and information sharing
5. Looking at ICTs and how they were gradually developed
6. Exploring social networking and some collaboration tools

B- Intended Learning Outcomes (ILOs): Upon successful completion of this course students will be able to ...

By the end of this course, students should:

1. Know and understand the basic concepts in networking such as: ICT, signal, network, LAN, WAN, etc...
2. Be aware of the main technologies that drive these networks
3. Acquire some skills related to developing charts and reading
4. Explore three aspects that changed and were affected by ICTs : health, transportation and government
5. Identify social networking and get to know some electronic collaboration tools

20. Topic Outline and Schedule:**Main course contents:**

1. Introduce the concept of ICT
2. Introduce the concept of system map and explore some examples
3. Look at information sharing
4. Introduce wired and wireless technologies in detail
5. Identify the concept of RFID and its applications
6. Compare between competing technologies such as WiFi and Bluetooth
7. Look at the concept of smart home
8. Introduce the digital world
9. Go through the development of news gathering

10. Explore three aspects in which ICTs are applied: health, transportation and government
11. Introduce telemedicine
12. Introduce social networking, information society, collaboration tools
13. Looking at information and network security methods

21. Teaching Methods and Assignments:

Development of ILOs is promoted through the following teaching and learning methods:
Lectures are given to students through power point slides.
Few lectures are given through peer reviewed articles to clarify some methods
Lectures are open for discussion
Lectures about graphical tools allow student to practice some real life examples

22. Evaluation Methods and Course Requirements:

Opportunities to demonstrate achievement of the ILOs are provided through the following assessment methods and requirements:
One mid-term exam
One assignment
One final exam
10 marks also go for participation and attendance

23. Course Policies:

A- Attendance policies:
Attendance is registered every lectures and entered into the system

B- Absences from exams and handing in assignments on time:
Make up exam is set for students with valid excuse

C- Health and safety procedures:

D- Honesty policy regarding cheating, plagiarism, misbehaviour:
Any cheating cases are to be reported (non so far!)

E- Grading policy:
Following ideal answers

F- Available university services that support achievement in the course:
Having a data show to demonstrate lectures

24. Required equipment:

Data show only

25. References:

A- Required book (s), assigned reading and audio-visuals:
Lectures are given to students via email (power point slides), no specific book required

B- Recommended books, materials, and media:

26. Additional information:

Name of Course Coordinator: -----Signature: ----- Date: -----

Head of curriculum committee/Department: ----- Signature: -----

Head of Department: ----- Signature: -----

Head of curriculum committee/Faculty: ----- Signature: -----

Dean: ----- -Signature: -----