TEMPLATE FOR COURSE SPECIFICATION

HIGHER EDUCATION PERFORMANCE REVIEW: PROGRAMME REVIEW

COURSE SPECIFICATION

This Course Specification provides a concise summary of the main features of the course and the learning outcomes that a typical student might reasonably be expected to achieve and demonstrate if he/she takes full advantage of the learning opportunities that are provided. It should be cross-referenced with the programme specification.

1. Teaching Institution	University of Anbar	
2. University Department/Centre	College of Computer Science and Information Technology – Information System Department	
3. Course title/code	Information Technology Principles	
4. Programme(s) to which it contributes	Bachelors of Information System	
5. Modes of Attendance offered	Electronic attendance	
6. Semester/Year	First semester 2021-2022	
7. Number of hours tuition (total)	48	
8. Date of production/revision of this specification	25-10-2021	
9. Aims of the Course		
- Provide a basic knowledge of computer hard	ware and software	
- Introduce the business areas to which computers may be applied.		
- Provide an introduction to business organizat	tion and information systems.	
and information processing	non, which play an important part in business computing	

10. Learning Outcomes, Teaching ,Learning and Assessment Method

A- Knowledge and Understanding

A1. The student should understand the architecture of any IT systems.

A2. The student should understand the parts of hardware.

A3. The student should understand the system software.

A4. The student should understand the architecture of networks ,protocols and communications devices.

A5.

B. Subject-specific skills

B1.

B2.

B3.

Teaching and Learning Methods

- The student should use utilities in the lab to apply scientific experiment _
- The ability to execute the applications software .

Assessment methods

Notes	Date	%	Assessment	
	6 th week	10%	First Month exam	1
	10 th week	10%	Second Month exam	2
	16 th week	10%	Third Month exam	3
	All weeks	5%	Attendance and HW	4
	At end of each experiment	15%	Reports and Lab exam	5
	End of semester	50%	Final exam	6
		100	Sum	
		%		

C. Thinking Skills C1.

- C2.
- C3.
- C4.

Teaching and Learning Methods

Assessment methods

D. General and Transferable Skills (other skills relevant to employability and
personal development)
D1.
D2.
D3.
D4.

11. Course Structure					
Week	Hours	ILOs	Unit/Module or Topic Title	Teaching Method	Assessment Method
1	2 Theory + 2 Practical		Introduction of Computers and Programming		
2	2 Theory + 2 Practical		Brief history of computer		
3	2 Theory + 2 Practical		Generation of Computers & Computer hierarchy		
4	2 Theory + 2 Practical		Basic Computer Components		
5	2 Theory + 2 Practical		Computer function (fetch cycle, interrupt cycle, I/O function		
6	2 Theory + 2 Practical		Semiconductor main memory (RAM, ROM, CACHE)		
7	2 Theory + 2 Practical		Computer Software(application software)		
8	2 Theory + 2 Practical		External & Internal memory		
9			First Exam		
10	2 Theory + 2 Practical		Telecommunications system & Network		
11	2 Theory + 2 Practical		Topology of a network		
12	2 Theory + 2 Practical		Layering model		
13	2 Theory + 2 Practical		Protocols		
14	2 Theory + 2 Practical		addressing communications		

15		Final Exam	
16			

12. Infrastructure		
 Required reading: CORE TEXTS COURSE MATERIALS OTHER 	 Lectures Home works Case study in the Lab Weekly reports 	
Special requirements (include for example workshops, periodicals, IT software, websites)	1.Computing Essentials Making IT work for you2017 by Timothy J. O'Leary.2.Computer Organization and ArchitectureDesigning for Performance (8th Edition).	
Community-based facilities (include for example, guest Lectures , internship , field studies)		

13. Admissions		
Pre-requisites	Fundamental of English .	
Minimum number of students	25	
Maximum number of students	40	

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