Ministry of Higher Education and
Iraq -Scientific Research
Tikrit University
College of Veterinary Medicine

جامعة تكريت
كلية الطب البيطري
شعبة ضمان الجودة والاداء الجامعي

Course Description Form

Module Information

Module Title	**Computer**	**Module Delivery** **Unit delivery**	
Module TypeMaterial type	**Core** **Basic**	**Theory√** **Lecture√ Educational** **Practical√** **Seminar√**	
ModuleCode	**UOT103**		
ECTS Credits	**3**		
SWL (hr / sem)	**75**		
Module Level	**1**	**Semester of Delivery** **Semester for delivery**	**1**
Administration Department	Public health	**College**	Vet. Med.
Module Leader	**Ali Susan Hamed**	**e-mail**	Sawsan.ali@tu.edu.iq
Module Leader's Acad. Title **Title of the subject**	**assistant professor**	**Module Leader's Qualification** **Unit Officer Qualifications**	master
Module Tutor	**A.M. Saad Sabbar Naseef** M.M. Saba Hussein Rashid M.M. Rana Walid Khaled M.M Asmaa Waad Allah	**e-mail**	Saad_nasif@tu.edu.iq sabahussein88@tu.edu.iq ranawaleed@tu.edu.iq asmaa.w.hasan@tu.edu.iq
Peer Reviewer Name **Peer Reviewer Name**	Dr. Ali Qais Jalil	**e-mail**	alijalil85@tu.edu.iq
Scientific Committee Approval Date		**Version Number** **issue number**	

Relationship with other subjects			
Prerequisite module Unit Prerequisites	None no	Semester Semester	-
Co-requisites module Common Requirements Unit	None no	Semester Semester	-

Learning and Teaching Strategies	
StrategiesStrategies	identify problems, make predictions, develop hypotheses and devise means of conducting investigations to test plan and carry out experimental procedures and operations in an appropriate when use experimental controls modify an original plan or sequence of operations as a result of difficulties encountered in conducting experiments or consider possible sources of errors and risks in designing an d use appropriate select an equipment and techniques. -The ability to: -hypotheses; -sequence; -appropriate; -obtaining unexpected results; -experiment;

Module Aims, Learning Outcomes and Indicative Contents Course objectives, learning outcomes and guiding contents	
Module **Aims**	:The objectives of the curriculum are □ **technical skills Develop:** • Teach students how to use basic computer programs such as word processors, spreadsheets, and presentation programs. • Understand the basics of operating systems and how to interact with them. • Develop Internet research skills and use email effectively. □ **Teaching programming and computational thinking:** • Teach students basic programming languages such as Python or Java. • Encourage logical thinking and problem solving through programming. • Develop computational thinking skills by writing and mming codesanalyzing progra. □ **Promoting digital security and technology ethics:** • Educating students about the importance of digital security and protecting personal information.
Module Learning Outcomes **Learning outcomes for the subject**	Upon successful completion of this course, the student will -:be able to do the following □ **Understanding the basic principles**: • Learn the basic concepts of computing, such as programming, operating systems, networks, and data structures. □ **and implementation of systems Design**: • Design, implement and integrate computing systems, such as databases and web applications. □ **Understanding operating systems**: • Understand how operating systems manage resources and

	ng programsprovide a suitable environment for runni. □ **Networks and Communications**: • Understand how to design and manage computer networks and how devices communicate across networks. □ **Information security**: • Learn the principles of cybersecurity and how to protect atssystems from security thre. □ **Systems Analysis and Design**: • Use tools and techniques to analyze and design systems and software. □ **Teamwork and communication**: • Ability to work within a team to develop computer projects, and present presentations and reports effectively. □ **Problem solving and decision making**: • solving skills to develop -Use analytical and problem innovative and effective technical solutions. □ **learning and continuous development-Self**: • -Ability to keep up with technological developments and self improve skills learning to.
Indicative Contents **Guidance contents**	-:The guidance content includes **1. Introduction to Computing** • Definition of computing and its basic components. • History of the development of computing. • Types of computers and operating systems. • **Operating systems -2** • **Basic concepts**: process management, memory management, file management.

	• **Synchronization and communication between processes**: barriers, locks, messages. • **Types of operating systems**: tasking operating -single ing systemssystems, distributed operat. **Databases .3** • **Basic concepts**: ‹modeling, database designSQL query language. • **Database administration**: creating tables, queries, updates, security. **4 Computer networks** • **Basic concepts**: types of networks, OSI model , network protocols. • **ork AdministrationNetw**: Network configuration, security, troubleshooting. **Information .5Security** • **Basic concepts**: encryption, identity verification, permission management. • **Threats and security measures**: viruses, malware, network attacks. **Modern .6technology** • **Modern trends**: artificial intelligence, machine learning, cloud computing. • **The impact of technology on society**: ethics, social impacts, laws.

StudentWorkload (SWL)			
Structured (SSWL) (h/ sem) Regular student load during the semester	63	**(SSWL) (h/w)** **Regular weekly student load**	4
Unstructured (USSWL)(h/ sem)	12	**(USSWL)(h/w)**	6

The student's academic load is irregular .during the semester		**The student's academic load is .irregular weekly**	
Total SWL (h/ sem) load during The student's total academic the semester	75		10

Module Evaluation					
		time/number Time/ Number	**Weight in Marks**	**Due week Week Due**	**Related learning outcomes Relevant Learning Outcome**
Formative assessment Formative assessment	**Quizzes**	**2**	**10% (10)**	**5,10**	**LO #1,2, 10 and II**
	practical Practical	**2**	**10% (10)**	**6,12**	**LO # 3, 4,6 and 7**
	laboratory Lab.	**1**	**10% (10)**	**Continuous**	
	a report Report	**1**	**10% (10)**	**13**	**LO # 5,8 and 10**
Summative assessment Summative assessment	**Midterm Exam Midterm Exam**	**2hr**	**10% (10)**	**7**	**LO #1-7**
	Final Exam Final Exam	**3hr**	**s0% (50)**	**16**	**everyone All**
Total assessment Overall Rating			**100% (100M)**		

Delivery PIan (Weekly Syllabus) Weekly curriculum theoretical part	
Week I First week	to Computers Introduction
Week 2	Computer generations
Week 3	components Computer
Week 4	Cyber Security
Week 5	Operating Systems
Week 6	Viruses
Week 7to 16	Computer Applications Part One and Two

Delivery Plan (Weekly Lab. Syllabus) Weekly lab schedule	
Week I First week	Computer Components Part One
Week 2	motherboard components
Week 3	Operating systems and their types
Week 4	Windows components and applications in practice
Week 5	Internet and its uses

Week 6-14	Computer and its office applications, parts one and two

Learningand Teaching Resources

	Text Text	Available in the library Available in the Library?
Required Texts Required texts	**Computer and its office applications**	**Yes**
Recommended Texts Recommended Texts		**NO**
Websites Websites		

Grading Scheme
مخطط الدرجات

Group	Grade	التقدير	Marks (%)	Definition
Success Group (50 - 100)	A - Excellent	امتياز	90 - 100	Outstanding Performance
	B - Very Good	جيد جدا	80 - 89	Above average with some errors
	C - Good	جيد	70 - 79	Sound work with notable errors
	D - Satisfactory	متوسط	60 - 69	Fair but with major shortcomings
	E - Sufficient	مقبول	50 - 59	Work meets minimum criteria
Fail Group (0 – 49)	FX – Fail	راسب (قيد المعالجة)	(45-49)	More work required but credit awarded
	F – Fail	راسب	(0-44)	Considerable amount of work required

Note: Marks with decimal places above or below 0.5 will be rounded to the higher or lower full mark (for example a mark of 54.5 will be rounded to 55, whereas a mark of 54.4 will be rounded to 54. The University has a policy NOT to condone "near-pass fails" so the only adjustment to marks awarded by the original marker(s) will be the automatic rounding outlined above.