MODULE DESCRIPTION FORM

نموذج وصف المادة الدراسية

Module Information
معلومات المادة الدراسية

Module Title	**Ethics for the Information Age**	**Module Delivery**
Module Type	Core	☒ Theory
Module Code	**UOMU0208025**	☐ Lecture
ECTS Credits	**4**	☐ Lab ☐ Tutorial
SWL (hr/sem)	**100**	☐ Practical ☒ Seminar

Module Level	1	**Semester of Delivery**	2
Administering Department	CSET	**College**	TECAI
Module Leader	Ahmed Hasan	**e-mail**	Ahmed.janabi@uomus.edu.iq
Module Leader's Acad. Title	lecturer	**Module Leader's Qualification**	PhD
Module Tutor	Name (if available)	**e-mail**	E-mail
Peer Reviewer Name		**e-mail**	
Scientific Committee Approval Date		**Version Number**	1.0

Relation with other Modules
العلاقة مع المواد الدراسية الأخرى

Prerequisite module	None	**Semester**	
Co-requisites module	None	**Semester**	

Module Aims, Learning Outcomes and Indicative Contents	
أهداف المادة الدراسية ونتائج التعلم والمحتويا ت الإرشادي ة	
Module Aims أهداف المادة الدراسي ة	• Understanding the history of computer technology • Analyzing a behavior or scenario for ethical aspects • Understanding classical ethical theories. • Applying ethical theories to argue morality or immorality. • Understanding intellectual property and its protections. • Understanding privacy and its protections
Module Learning Outcomes مخرجات التعلم للمادة الدراسي ة	1- Develop a foundational understanding of ethical theories and principles, including how they apply to technology, information, and digital interactions. 2- Learn the ethical considerations and responsibilities of networked communication, including email, messaging, and social networking. 3- Understand the ethical implications of online interactions, including responsible digital communication, respect for diverse viewpoints, and avoiding online harassment or cyberbullying. 4- Examine the ethical issues related to using social media platforms and online advertising, including privacy concerns, data collection, and manipulation of user behavior. 5- Explore the ethical challenges of protecting children from exposure to inappropriate or harmful content online and promoting safe digital environments. 6- Grasp the ethical principles surrounding intellectual property, including respecting copyrights, trademarks, and patents in the digital age. 7- Analyze the ethical considerations involved in the creation, protection, and use of trademarks, patents, and copyrighted material. 8- Learn about the ethical aspects of software development, licensing, and distribution, including open-source and proprietary software models. 9- Understand the ethical values and practices associated with the opensource software movement, including collaboration, transparency, and freedom of use. 10- Understand the ethical implications of information disclosure, including whistleblowing, transparency, and confidentiality. 11- Examine the ethical principles governing information privacy, data protection, and the responsible handling of personal and sensitive information. 12- Recognize the ethical concerns related to cybercrime, including hacking, fraud, and identity theft.

Indicative Contents	Indicative content includes the following.
المحتويات الإرشادية	Introduction to computing (Mechanical Calculators, Pucnched card tabulation, first commercial computer, Microprocessors, personal computers). Introduction to Ethics (Definition, Ethical Theories) Networked Communication (Spam, Internet interactions, www, mobile Application) Impact of Social Media (Political Activism, Internet Research Agency) Children's inappropriate Contents (Web Filter, child internet protection act) Intellectual Property (Property rights, benefits, limites) Trademark, Patents, and Copyright Protection Software (Software copyright) Open Source Software (Definition, benefits, impact, examples) Information Privacy (Definition, Benefits, privacy, and trust) Information Disclosure (Public Records, information held by private organizations, Facebook Tag, RFID Tags, cookies) Computer and Network Security (Hacking, Malware) Cyber-crime and Cyber-attacks (Fishing, SQL injection, DOS)

Learning and Teaching Strategies
استراتيجيات التعلم والتعلي م

Strategies	Type something like: The main strategy that will be adopted in delivering this module is to encourage students' participation in the exercises while at the same time refining and expanding their critical thinking skills. This will be achieved through classes, interactive tutorials, and by considering types of simple experiments involving some sampling activities that are interesting to the students.

Student Workload (SWL) الحمل الدراسي للطالب			
Structured SWL (h/sem) الحمل الدراس ي المنتظم للطالب خلال الفص ل	48	Structured SWL (h/w) الحمل الدراسي المنتظم للطالب أسبوعيا	3
Unstructured SWL (h/sem) الحمل الدراس ي غير المنتظم للطالب خلال الفص ل	52	Unstructured SWL (h/w) الحمل الدراسي غير المنتظم للطالب أسبوعيا	3
Total SWL (h/sem) الحمل الدراس ي الكل ي للطال ب خلال الفص ل	100		

Module Evaluationتقييم المادة الدراسي ة					
		Time/Number	Weight (Marks)	Week Due	Relevant Learning Outcome
Formative assessment	Quizzes	3	15% (15)	5, 11, 14	LO #4, 8 and 9, 12
	Assignments	3	15% (15)	3, 7, 12	LO # 2, 6 and 7
	Report	1	10% (10)	13	LO # 10
Summative assessment	Midterm Exam	2hr	10% (10)	8	LO # 1-7
	Final Exam	3hr	50% (50)	16	All
Total assessment			100% (100 Marks)		

Delivery Plan (Weekly Syllabus) المنهاج الاسبوعي النظر ي	
	Material Covered

Week 1	Introduction to Computing
Week 2	Introduction to Ethics
Week 3	Networked Communication
Week 4	Internet Interaction
Week 5	Impact of Social Media and Online Advertisement
Week 6	Children and Inappropriate Contents
Week 7	Intellectual Property
Week 8	**Mid Term Exam**
Week 9	Trademark, Patents, and Copyright
Week 10	Protection for Software
Week 11	Open Source Software
Week 12	Information Privacy
Week 13	Information Disclosures
Week 14	Computer and Network Security
Week 15	Cyber Crime and Cyber Attacks

Learning and Teaching Resources
مصادر التعلم والتدري س

	Text	Available in the Library?
Required Texts	Ethics for the Information Age, 8th edition, Michael J. Quinn Seattle University	No
Recommended Texts		
Websites		

Grading Scheme
مخطط الدرجا ت

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	راس ب	(0-44)	Considerable amount of work required

Note: Marks 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.