

Module Information			
Module Title	Professional Ethics		Module Delivery
Module Type	Supplement		<input checked="" type="checkbox"/> Theory <input type="checkbox"/> Lecture <input checked="" type="checkbox"/> Lab <input checked="" type="checkbox"/> Tutorial <input type="checkbox"/> Practical <input checked="" type="checkbox"/> Seminar
Module Code	MPH104		
ECTS Credits	4 ECTS		
SWL (hr/sem)	100		
Module Level	UG II	Semester of Delivery	
Administering Department	Medical Physics	College	College of Sciences
Module Leader	Ahmed Mousa Jaafar	e-mail	ahmed.mo@uowa.edu.iq
Module Leader's Acad. Title	Lecturer	Module Leader's Qualification	PhD in medical Physics
Module Tutor	Ahmed Mousa Jaafar	e-mail	ahmed.mo@uowa.edu.iq
Peer Reviewer Name	Ali Nadhim Mounef	e-mail	Ali.n@uowa.edu.iq
Scientific Committee Approval Date	10-11-2024	Version Number	1

Relation with other Modules			
Prerequisite module	None	Semester	None
Co-requisites module	None	Semester	None



Department Head Approval




Dean of the College Approval

Module Aims, Learning Outcomes and Indicative Contents

Module Objectives	<ol style="list-style-type: none"> 1. Students will explore the historical development of ethical codes in medicine 2. Learn about key principles and values in the code of professional ethics 3. Understand the importance of confidentiality, privacy, informed consent, and patient rights in healthcare settings 4. Analyze conflicts of interest 5. Develop skills in ethical decision-making 6. Explore cultural competence and diversity in healthcare practice 7. Address ethical issues in research and innovation 8. Emphasize the significance of continuing education and professional development 9. Discuss technology ethics in healthcare <p>Consider future trends and challenges in professional ethics.</p>
Module Learning Outcomes	<ol style="list-style-type: none"> 1. Deep understanding of ethical considerations within the healthcare field. 2. Equipped with the knowledge and skills necessary to navigate complex ethical dilemmas that may arise during their practice. 3. Students will develop a strong foundation in upholding confidentiality and privacy standards, 4. Respecting patient rights through informed consent procedures, 5. Maintaining appropriate professional boundaries and relationships with patients 6. Identifying and managing conflicts of interest effectively 7. Engaging in ethical decision-making processes based on established principles and values 8. Demonstrating cultural competence and embracing diversity in healthcare delivery 9. Recognizing and addressing ethical issues related to research and innovation ethically <p>Committing to lifelong learning through continuing education initiatives for ongoing professional development, integrating technology ethically into their practice while considering its</p>
Indicative Contents	<p><u>Theory Lectures</u></p> <ol style="list-style-type: none"> 1. Introduction to Professional Ethics in Applied Medical Science (2 hrs) <ul style="list-style-type: none"> • Definition of professional ethics • Importance of ethical standards in the field of applied medical

	science
	2. Historical Development of Ethical Codes in Medicine (2 hrs)
	<ul style="list-style-type: none"> • Evolution of ethical guidelines in healthcare professions • Key milestones in the development of codes of ethics for medical practitioners
	3. Principles and Values in the Code of Professional Ethics (2 hrs)
	<ul style="list-style-type: none"> • Core principles such as beneficence, non-maleficence, autonomy, and justice • Ethical values that guide decision-making in applied medical science
	4. Informed Consent and Patient Rights (2 hrs)
	<ul style="list-style-type: none"> • Definition and significance of informed consent in medical practice • Ethical considerations regarding patient autonomy and decision-making capacity
	Challenges and best practices for obtaining valid informed consent from patients
	Confidentiality and Privacy in Healthcare (2 hrs)
	<ul style="list-style-type: none"> • Importance of maintaining patient confidentiality and privacy • Legal and ethical considerations related to patient information release • Strategies for protection patient data in compliance with ethical standards
	6. Professional Boundaries and Relationships with Patients (2 hrs)
	<ul style="list-style-type: none"> • Understanding boundaries between healthcare professionals and patients • Guidelines for establishing healthy professional relationships with patients
	7. Conflict of Interest (2 hrs)
	<ul style="list-style-type: none"> • Definition and types of conflicts of interest in medical settings • Ethical implications of conflicts of interest on patient care
	8. Ethical Decision-Making in Applied Medical Science (2 hrs)
	<ul style="list-style-type: none"> • Steps involved in ethical decision-making process • Case studies illustrating ethical dilemmas faced by professionals in applied medical science
	9. Cultural Competence and Diversity in Healthcare Practice (2 hrs)
	<ul style="list-style-type: none"> • Importance of cultural competence in providing quality healthcare services

	<ul style="list-style-type: none"> Strategies for promoting diversity and inclusivity in healthcare settings
	<p>10. Ethical Issues in Research and Innovation (2 hrs)</p> <ul style="list-style-type: none"> Ethical considerations when conducting research or implementing innovative practices Guidelines for ensuring ethical conduct throughout the research process
	<p>11. Continuing Education and Professional Development (2 hrs)</p> <ul style="list-style-type: none"> Ethical considerations when conducting research or implementing innovative practices Guidelines for ensuring ethical conduct throughout the research process
	<p>12. Technology Ethics in Healthcare (2 hrs)</p> <ul style="list-style-type: none"> Ethical implications of using technology in medical practice Balancing technological advancements with ethical responsibilities towards patients
	<p>13. Peer Review and Self-Assessment (2 hrs)</p> <ul style="list-style-type: none"> Role of peer review processes in maintaining ethical standards Benefits of self-assessment for professionals to reflect on their ethical practices
	<p>14. Future Trends and Challenges in Professional Ethics (2 hrs)</p> <ul style="list-style-type: none"> Emerging ethical issues facing professionals in applied medical science Strategies for addressing future challenges while upholding ethical standards
	<p>Learning concepts of each theoretical lecture or groups of lectures. Lab. Lectures</p> <p>Learning concepts of each laboratory lecture or groups of lectures.</p>

Learning and Teaching Strategies

Strategies	<ol style="list-style-type: none">1. Lectures2. Interactive Discussions3. Case Studies4. Research Projects5. Collaborative Learning
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Student Workload (SWL)	
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Structured SWL (h/sem)	30	Structured SWL (h/w)	2.2
Unstructured SWL (h/sem)	67	Unstructured SWL (h/w)	4.4
Total SWL (h/sem)	97 + 3 final = 100		

<p align="center">Module Evaluation</p> <p align="center">تقويم المادة الدراسية</p>	
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تقييم المادة الدراسية

		Time Number	Weight (Marks)	Week Due															Relevant Learning Outcome									
				W1	W2	W3	W4	W5	W6	W7	W8	W9	W10	W11	W12	W13	W14	W15	LO1	LO2	LO3	LO4	LO5	LO6	LO7	LO8	LO9	LO10
Formative	Quizzes	4	20%				X		X		X		X								X	X	X		X			
	Report	1	5%										X													X		
	Lab Report	-	-																									
	Project	1	5%													X		X					X					
	Online Assig.	2	10%					X						X						X					X			
	Onsite Assig.	-	-																									
	Seminar	-	-																									
Summative	Mid. Exam	1hr	10% (10)							X										X						X		
	Final Exam	3hr	50% (50)	Week 16															X	X	X	X	X	X	X	X	X	X
Total assessment			100%																									

Delivery Plan (Weekly Syllabus)

	Material Covered
Week 1	Introduction to Professional Ethics in Applied Medical Science
Week 2	Historical Development of Ethical Codes in Medicine
Week 3	Principles and Values in the Code of Professional Ethics
Week 4	Informed Consent and Patient Rights
Week 5	Confidentiality and Privacy in Healthcare
Week 6	Professional Boundaries and Relationships with Patients
Week 7	Mid. Exam
Week 8	Conflict of Interest
Week 9	Ethical Decision-Making in Applied Medical Science
Week 10	Cultural Competence and Diversity in Healthcare Practice
Week 11	Ethical Issues in Research and Innovation
Week 12	Continuing Education and Professional Development
Week 13	Technology Ethics in Healthcare
Week 14	Peer Review and Self-Assessment
Week 15	Future Trends and Challenges in Professional Ethics

Learning and Teaching Resources		
	Text	Available in the Library?
Required Texts	Cribb, Alan, Vikki Entwistle, and Polly Mitchell. Values and ethics. Cambridge University Press, 2024.	No
Recommended Texts	Malinzak, Elizabeth B. "Healthcare Professionalism: Improving Practice Through Reflections on Workplace Dilemmas." Anesthesia & Analgesia 126.1 (2018): 362.	No
Websites	https://www.cambridge.org/core/elements/values-and-ethics/61E970FC5E28BA58997A0060E1D39648#	

Grading Scheme				
Group	Grade	التقدير	Marks %	Definition
Success Group (50 - 100)	A - Excellent	Excellent	90 - 100	Outstanding Performance
	B - Very Good	- Very Good	80 - 89	Above average with some errors
	C - Good	Good	70 - 79	Sound work with notable errors
	D - Satisfactory	Satisfactory	60 - 69	Fair but with major shortcomings
	E - Sufficient	Sufficient	50 - 59	Work meets minimum criteria
Fail Group (0 – 49)	FX – Fail	Fail	(45-49)	More work required but credit awarded
	F – Fail	Fail	(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.

