

Planning and Quality Assurance Affairs

Form (A)

Course Specifications

General Information

Course name	Forensic medicine
Course number	MDCN5213
Faculty	
Department	
Course type	Major Needs
Course level	5
Credit hours (theoretical)	2
Credit hours (practical)	0
Course Prerequisites	

Course Objectives

1	- Understanding the role of forensic medicine: Exploring the purpose and importance of forensic medicine in the legal system, including its role in investigating and preventing crime, identifying victims, and providing expert witness testimony in court.
2	- Knowledge of forensic pathology: Developing a comprehensive understanding of forensic pathology, including the study of autopsies, determining causes and mechanisms of death, forensic toxicology, and the interpretation of post-mortem findings.
3	- Forensic investigation techniques: Learning the various techniques and methods used in the investigation of crime scenes, including evidence collection, preservation, analysis, and documentation.
4	- Forensic identification and anthropology: Understanding the techniques used to identify victims and perpetrators of crimes, including fingerprinting, DNA profiling, forensic odontology, and forensic anthropology.
5	- Documentation and reporting: Developing skills in accurately and effectively documenting findings, writing forensic reports, and presenting expert testimony in court.
6	- Legal aspects of forensic medicine: Understanding the legal framework surrounding forensic medicine, including relevant laws, regulations, and legal processes related to criminal investigations, post-mortem examinations, and the role of the forensic medical examiner within the legal system.
7	- Ethical considerations: Discussing ethical considerations in forensic medicine, including patient confidentiality, consent, and the professional responsibilities of forensic practitioners.
8	- Interdisciplinary collaboration: Recognizing the importance of interdisciplinary collaboration between forensic medicine professionals, law enforcement agencies, legal professionals, and other relevant stakeholders in the criminal justice system.

Intended Learning Outcomes

Knowledge and Understanding	<ul style="list-style-type: none">* Explain various medicolegal aspects of malpractice & ethics* Describe different medicolegal aspects of living and dead individuals regarding personal identification, diagnosis of death, causes and manner of death, postmortem changes* Explain medicolegal aspects of blood grouping and DNA in forensic field* Examine and write a proper primary report for a cases of wounds and injuries* Explain medicolegal aspects of different cases of sexual offences
Intellectual Skills	<ul style="list-style-type: none">* Recognize common ethical dilemmas and suggest a proper solution.* Analyze different malpractice problems.* Analyze and recognize a clinical forensic cases
Professional Skills	<ul style="list-style-type: none">* Identify living and dead individuals* Estimate time pass since death through assessment of postmortem changes* Identify different mechanisms and manners of death* Examine different wounds and injuries and write a proper primary report.
General Skill	<ul style="list-style-type: none">* Know when and how to ask for senior consultation* Achieve informed consent from the patient or the patients surrogate for the treatment plan* Utilize IT skills and biostatistics properly to present significant work

Course Contents

1 - Introduction in forensic medicine: Terminology & different medicolegal systems
2 - Thanatology
3 - Identification of living and dead individuals
4 - Wounds and its interpretation
5 - Sexual offences and its legal aspects
6 - Medico-legal aspects of infanticide
7 - Violent asphyxia
8 - Bodies recovered from water
9 - Child abuse
10 - Medicolegal aspects of pregnancy, abortion, delivery
11 - Medicolegal aspects of mental diseases
12 - Medical ethics & Malpractice

Teaching and Learning Methods

1 - Lectures
2 - Tutorials and case-based discussion
3 - Practical sessions

Students Assessment

<u>Assessment Method</u>	<u>TIME</u>	<u>MARKS</u>
Assignment		20
Final exam		60
Practical exam		20

Books and References

Essential books	Keith Simpson Forensic medicine
Other References (Periodical, web sites, etc.)	Forensic medicine Encyclopedia

