

## Planning and Quality Assurance Affairs

Form (A)

### Course Specifications

#### General Information

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

#### 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

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

## 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

