

## Course Specification Card for Forensic Medicine

|                       |  |                      |                   |           |    |
|-----------------------|--|----------------------|-------------------|-----------|----|
| College               | College of Medicine  | Department           | Medical Education |           |    |
| Course Name (English) | Forensic Medicine  | Course Name (Arabic) | الطب الشرعي       |           |    |
| Course Number         | 1000307  | Course Code :        | <b>1000307</b>    |           |    |
| Credit Hrs.           | 1  | Contact Hrs.         | Theoretical       | Practical | T  |
| Teaching Language     | English <input checked="" type="checkbox"/> Arabic <input type="checkbox"/>  |                      | 14                | 2         | 16 |
| Teaching Method       | <input checked="" type="checkbox"/> Face-to-Face <input type="checkbox"/> Online <input type="checkbox"/> Blended                                    |                      |                   |           |    |
| Course Nature         | <input type="checkbox"/> Compulsory <input checked="" type="checkbox"/> Elective   |                      |                   |           |    |
| Course Type           | <input type="checkbox"/> University Requirement <input checked="" type="checkbox"/> College Requirement <input type="checkbox"/> Program Requirement |                      |                   |           |    |
| Level                 | Year 3   | Pre-Requisite(s)     | None              |           |    |

### Course Description

This course is designed to enable the student to become acquainted with the basic principles of forensic practice as to equip him with sufficient knowledge to be able to recognize and cope with minor medicolegal problems arising in his practice and to appreciate when he needs further information and specialized assistance. Learn the principles of practice of forensic medicine and toxicology including basic forensic principles such as medicolegal aspects of death, autopsy, and funeral, changes after death, how to identify human remains, interpretation of wounds and injuries, forensic aspects of various types of injuries and assaults, and basics of forensic toxicology.

### Topics

- Forensic Identification
- Death and brain death
- Post-mortem changes
- Pathophysiology of Wounds
- Head injuries
- Firearm injuries
- Injuries Due to physical Agent
- Burn injuries
- Death due to electrical Burn Asphyxia Compression on the neck
- Drowning
- Sexual offences
- Criminal Abortion
- Infanticide
- Child Abuse

### Learning Outcomes

- Explain the changes that occur to the human body after death (post- mortem changes), and how to identify and interpret human remains
- Explain the different findings that can be seen after death and their role in identification of cause of death including wounds, injuries, heat, cold, and electrical injuries
- Understand the forensic principles related to asphyxia, drowning, neck compression, and gunshot injuries
- Understand the legal and forensic aspects related to sexual offences, child abuse, abortion, and infanticide
- Explain the basic principles of toxicology including poisons, drugs of abuse, and alcohol
- Describe the healthcare system regulations in regards to death, performance of autopsy and forensic investigations in Saudi Arabia
- Demonstrate the ability to write reports related to injuries and certification of death
- Use problem solving skills to analyze post-mortem findings to determine cause of death
- Maintain punctuality and professional behavior with colleagues and staff
- Understand the Islamic and legal aspects on funeral and performance of autopsy

|                       |   |     |  |   |  |     |
|-----------------------|---|-----|--|---|--|-----|
| Assessment Tools      | <input checked="" type="checkbox"/> Periodic Exams  | %20 | <input type="checkbox"/> Short Exams       | % | <input checked="" type="checkbox"/> Final Exam | %60 |
|                       | <input checked="" type="checkbox"/> Individual Assignments  | %20 | <input type="checkbox"/> Group Assignments | % | <input type="checkbox"/> Oral Participations   | %   |
| Main Reference        | <ul style="list-style-type: none"> <li>▪ <i>James J.P., Jones R.M (2019) Simpson's Forensic Medicine, 14th Edition. CRC Press.</i></li> </ul> |     |  |   |  |     |
| Supporting References | <ul style="list-style-type: none"> <li>▪ Handbook of Forensic Pathology, Second Edition, Vincent J.M. DiMaio, Suzanna E. Dana.</li> </ul>     |     |  |   |  |     |