

**COURSE PROGRAM**  
**FORENSIC MEDICINE**  
**5<sup>th</sup> year Dental medicine – 1<sup>st</sup> (Winter) semester 2023-2024**

Week	Lectures – 2 hrs Assoc. Prof. Pavel Timonov, MD, PhD	Practical exercises 2 hrs.
<b>I week</b> <b>16.09 –20.09</b>	<b>FREE</b>	Introduction to Forensic Medicine. Definition. The role of forensic pathologist. The investigation. The main steps of the forensic autopsy. Components of forensic autopsy. Categorization of the main objectives of a forensic autopsy. Cause of death. Manner of death. Cases.
<b>II week</b> <b>23.09 – 27.09</b>	Introduction to Forensic Medicine. The main steps of the forensic autopsy	
<b>III week</b> <b>30.09 – 04.10</b>	<b>FREE</b>	Trauma. Terms. Types of trauma. Blunt force trauma. Bruises. Abrasion. Lacerated wound Mechanism of production. Features & signs. Forensic importance. Cases..
<b>IV week</b> <b>07.10 -11.10</b>	Trauma. Types of trauma. Blunt force trauma. Bruises. Abrasion. Lacerated wound.	
<b>V week</b> <b>14.10 – 18.10</b>	<b>FREE</b>	Sharp force trauma. Incised Wound & chop wound. Stab wound & puncture wound. Characteristics of the wounds. Forensic importance. Features & signs. Cases
<b>VI week</b> <b>21.10 – 25.10</b>	Sharp force trauma. Classification. Incised wound, chop wound stab wound, puncture wound.	
<b>VII week</b> <b>28.10 – 01.11</b>	<b>FREE</b>	Firearm injury. Mechanism of injury. Characters of the wounds. Entrance and exit wound. Types of range of gunshot. Forensic importance Features & signs. Cases.
<b>VIII week</b> <b>04.11 – 08.11</b>	Firearm injury. Entrance and exit wound. Characters of the wounds. Types of range gunshot..	
<b>IX week</b> <b>11.11 – 15.11</b>	<b>FREE</b>	Asphyxia. Definition of terms. Categorizing asphyxial deaths. Types of mechanical asphyxia. Classic sings of asphyxia. Categories of strangulation. Manual strangulation, ligature strangulation & hanging. Hanging. Definition. Types of hanging. Sexual asphyxia. Features of sexual asphyxia. Traumatic asphyxiation. Obstruction of the airway. Suffocation. Positional asphyxia. Features & signs. Cases.
<b>X week</b> <b>18.11 – 22.11</b>	Asphyxia. Definition of terms. Categorizing asphyxial deaths. Types of mechanical asphyxia. Strangulation. Hanging. Sexual asphyxia Traumatic asphyxiation. Obstruction of the airway. Suffocation. Positional asphyxia.	
<b>XI week</b> <b>25.11 – 29.11</b>	<b>FREE</b>	Death Investigation. Changes after death. Early post-mortem changes – body cooling, rigor mortis, livor mortis. Late post-mortem changes – putrefaction, mummification, adipocere. Forensic importance. Features & signs. Cases
<b>XII week</b> <b>02.12 – 06.12</b>	Death Investigation. Changes after death. Early post-mortem changes. Late post-mortem changes. Determining of the time of death.	
<b>XIII week</b> <b>09.12 – 13.12</b>	<b>FREE</b>	