

## Teaching Plan Master Sheet of Department Master Courses

**Department:** Critical Care and Emergency Nursing

**Program:** Master in Critical Care and Emergency Nursing

**Academic Year:** 2023/ 2024

**Semester:** Third Semester

Theoretical Courses	Date/Time	Lecture	Lecturer
Critical Care Nursing	2/10/2023 3 -6 pm	<ul style="list-style-type: none"> <li>• Scope of critical care nursing</li> <li>• Acute coronary syndrome</li> </ul>	<ul style="list-style-type: none"> <li>• Assist. Prof. Wafaa Wahdan</li> <li>• Dr. Aida Faried</li> </ul>
	9/10/2023 3 -6 pm	<ul style="list-style-type: none"> <li>• Basic dysrhythmias in ICU</li> </ul>	
	16/10/2023 3 -6 pm	<ul style="list-style-type: none"> <li>• Hemodynamic monitoring</li> </ul>	
	23/10/2023 3 -6 pm	<ul style="list-style-type: none"> <li>• Cardiac surgery (CABG)</li> </ul>	
	30/10/2023 3 -6 pm	<ul style="list-style-type: none"> <li>• Circulatory flow disorders</li> <li>• Cardiac pacing in ICU</li> </ul>	
	6/11/2023 3 -6 pm	<ul style="list-style-type: none"> <li>• Acute respiratory distress syndrome</li> <li>• Ventilator associated pneumonia</li> </ul>	
	13/11/2023 3 -6 pm	<ul style="list-style-type: none"> <li>• Primary acid-base disorders</li> </ul>	
	20/11/2023 12 -2 pm	<ul style="list-style-type: none"> <li>• Basics of mechanical ventilation and weaning</li> </ul>	
	27/11/2023 3 -6 pm	<ul style="list-style-type: none"> <li>• Neuromuscular disorders:               <ul style="list-style-type: none"> <li>- Myasthenia Gravis</li> <li>- Guillian Barre syndrome</li> </ul> </li> </ul>	

Theoretical Courses	Date/Time	Lecture	Lecturer
Critical Care Nursing	4/12/2023 3 -6 pm	<ul style="list-style-type: none"> <li>Stroke</li> <li>Acute pulmonary embolism</li> </ul>	<ul style="list-style-type: none"> <li>Assist. Prof. Wafaa Wahdan</li> <li>Dr. Aida Faried</li> </ul>
	11/12/2023 3 -6 pm	<ul style="list-style-type: none"> <li>Fluid disturbance and resuscitation in ICU</li> <li>Electrolyte emergencies</li> </ul>	
	18/12/2023 3 -6 pm	<ul style="list-style-type: none"> <li>Liver cirrhosis</li> <li>Hepatic encephalopathy</li> </ul>	
	25/12/2023 3 -6 pm	<ul style="list-style-type: none"> <li>Acute renal failure and renal replacement therapy</li> </ul>	
	1/1/2024 3 -6 pm	<ul style="list-style-type: none"> <li>Burns , inhalation and electrical injuries</li> </ul>	
New Trends in Critical Care Nursing	11/10/2023 3-5 pm	<ul style="list-style-type: none"> <li>Ethical and legal issues in critical care nursing.</li> </ul>	<ul style="list-style-type: none"> <li>Assist. Prof. Dr. Hend El-Sayed</li> <li>Dr. Asmaa Mohammed</li> </ul>
	18/10/2023 3-5 pm	<ul style="list-style-type: none"> <li>New trends in nutritional support for critically ill patients.</li> </ul>	
	25/10/2023 3-5 pm	<ul style="list-style-type: none"> <li>Preparedness and emergency response.</li> </ul>	
	1/11/2023 3-5 pm	<ul style="list-style-type: none"> <li>Critical care predictive scoring system.</li> </ul>	
	8/11/2023 3-5 pm	<ul style="list-style-type: none"> <li>Therapeutic communication.</li> </ul>	
	15/11/2023 3-5 pm	<ul style="list-style-type: none"> <li>Advanced technology in ICU.</li> </ul>	
	22/11/2023 3-5 pm	<ul style="list-style-type: none"> <li>Transportation of critically ill patients.</li> </ul>	

Theoretical Courses	Date/Time	Lecture	Lecturer
New Trends in Critical Care Nursing	29/11/2023 3-5 pm	<ul style="list-style-type: none"> <li>Complementary and alternative therapy in ICU.</li> </ul>	<ul style="list-style-type: none"> <li>Assist. Prof. Dr. Hend El-Sayed</li> <li>Dr. Asmaa Mohammed</li> </ul>
	6/12/2023 3-5 pm	<ul style="list-style-type: none"> <li>New strategies in trauma management.</li> </ul>	
	13/12/2023 3-5 pm	<ul style="list-style-type: none"> <li>End of life care for critically ill patients.</li> </ul>	
Anesthesia Care in Nursing	11/10/2023 5-6 pm	<ul style="list-style-type: none"> <li>General principles of anesthesia</li> </ul>	<ul style="list-style-type: none"> <li>Dr. Marwa Mehrez</li> <li>Dr. Eman Yasser</li> </ul>
	18/10/2023 5-6 pm	<ul style="list-style-type: none"> <li>Assessment for patients with pre, under &amp; post anesthesia</li> </ul>	
	25/10/2023 5-6 pm	<ul style="list-style-type: none"> <li>Ethical considerations for anesthetic nurse</li> </ul>	
	1/11/2023 5-6 pm	<ul style="list-style-type: none"> <li>Hemodynamic monitoring</li> </ul>	
	8/11/2023 5-6 pm	<ul style="list-style-type: none"> <li>Post anesthesia pain management</li> </ul>	
	15/11/2023 5-6 pm	<ul style="list-style-type: none"> <li>Risks &amp; complications of anesthesia</li> </ul>	
	22/11/2023 5-6 pm	<ul style="list-style-type: none"> <li>Professional aspects of nurse anesthesia</li> </ul>	
	29/11/2023 5-6 pm	<ul style="list-style-type: none"> <li>Safety measures during transportation to ICU</li> </ul>	
	6/12/2023 5-6 pm	<ul style="list-style-type: none"> <li>Types and routes of anesthesia agent</li> </ul>	

Theoretical Courses	Date/Time	Lecture	Lecturer
Anesthesia Care in Nursing	13/12/2023 5-6 pm	<ul style="list-style-type: none"> <li>Advanced technologies in anesthesia</li> </ul>	<ul style="list-style-type: none"> <li>Dr. Marwa Mehrez</li> <li>Dr. Eman Yasser</li> </ul>
Evidence-Based Critical Care Nursing	8/10/2023 3-5 pm	<ul style="list-style-type: none"> <li>Introduction to evidence- based practice.</li> </ul>	<ul style="list-style-type: none"> <li>Assist. Prof. Dr. Asmaa Ibrahim</li> <li>Dr. Eman Yasser</li> </ul>
	15/10/2023 3-5 pm	<ul style="list-style-type: none"> <li>Identifying the problem.</li> </ul>	
	22/10/2023 3-5pm	<ul style="list-style-type: none"> <li>Finding the scientific evidence- based practice.</li> </ul>	
	29/10/2023 3-5 pm	<ul style="list-style-type: none"> <li>Appraising research studies.</li> </ul>	
	5/11/2023 3-5 pm	<ul style="list-style-type: none"> <li>Developing an action plan for evaluating evidence-based practice.</li> </ul>	
	12/11/2023 3-5 pm	<ul style="list-style-type: none"> <li>Barriers for utilizing evidence-based practice.</li> </ul>	
	19/11/2023 3-5 pm	<ul style="list-style-type: none"> <li>Evidence-based practice guidelines</li> </ul>	
Emergency and Critical Care Medicine	10/10/2023 3-5 pm	<ul style="list-style-type: none"> <li>Acute coronary syndrome</li> </ul>	Prof. Dr. Mohamed Sultan
	17/10/2023 3-5 pm	<ul style="list-style-type: none"> <li>Acute heart failure</li> </ul>	
	24/10/2023 3-5 pm	<ul style="list-style-type: none"> <li>Acute lung injury</li> </ul>	
	31/11/2023 3-5 pm	<ul style="list-style-type: none"> <li>Mechanical ventilation</li> </ul>	
	7/11/2023 3-5 pm	<ul style="list-style-type: none"> <li>Acid - base disturbances</li> </ul>	

Theoretical Courses	Date/Time	Lecture	Lecturer
Emergency and Critical Care Medicine	14/11/2023 3-5 pm	• Diabetic crises	Prof. Dr. Mohamed Sultan
	21/11/2023 3-5 pm	• Fluid and electrolyte disturbances	
	28/11/2023 3-5 pm	• Head trauma	
	5/12/2023 3-5 pm	• Polytrauma	
	12/12/2023 3-5 pm	• Thoracic trauma	
	19/12/2023 3-5 pm	• Shock	
Pharmacology	10/10/2023 5-6 pm	• Basic Concepts of Pharmacology	<ul style="list-style-type: none"> <li>• Prof. Ahlam Ibrahim</li> <li>• Assist.Prof.Rehab Hamdy</li> </ul>
	17/10/2023 5-6 pm	• Autonomic pharmacology	
	24/10/2023 5-6 pm	• Autacoids and anti-inflammatory	
	31/11/2023 5-6 pm	• Drugs with CNS Effects	
	7/11/2023 5-6 pm	• Drugs for Respiratory Disorders	
	14/11/2023 5-6 pm	• Drugs for Cardiovascular Disorders	
	21/11/2023 5-6 pm	• Renal pharmacology	

Theoretical Courses	Date/Time	Lecture	Lecturer
Pharmacology	28/11/2023 5-6 pm	<ul style="list-style-type: none"> <li>• Drugs for Endocrine Disorders</li> </ul>	<ul style="list-style-type: none"> <li>• Prof. Ahlam Ibrahim</li> <li>• Assist.Prof.Rehab Hamdy</li> </ul>
	5/12/2023 5-6 pm	<ul style="list-style-type: none"> <li>• Drugs for Gastrointestinal Disorders</li> </ul>	
	12/12/2023 5-6 pm	<ul style="list-style-type: none"> <li>• Emergency medications</li> </ul>	
Clinical Courses	Date/Time	Lecture	Lecturer
Clinical Critical Care Nursing (Practical II)	12/10/2023 3-6 pm	<ul style="list-style-type: none"> <li>• General assessment</li> <li>• Bedside monitor</li> <li>• Noninvasive blood pressure</li> </ul>	<ul style="list-style-type: none"> <li>• Dr. Asmaa Mohamed</li> <li>• Dr. Eman Yasser</li> </ul>
	19/10/2023 3-6 pm	<ul style="list-style-type: none"> <li>• Respiratory assessment</li> <li>• Pulse oximetry</li> </ul>	
	26/10/2023 3-6 pm	<ul style="list-style-type: none"> <li>• Endotracheal intubation</li> <li>• Artificial airway cuff maintenance</li> </ul>	
	2/11/2023 3-6 pm	<ul style="list-style-type: none"> <li>• Suctioning</li> <li>• Tracheostomy care</li> </ul>	
	9/11/2023 3-6 pm	<ul style="list-style-type: none"> <li>• Capnography</li> <li>• Incentive spirometry</li> </ul>	
	16/11/2023 3-6 pm	<ul style="list-style-type: none"> <li>• Renal assessment</li> <li>• Musculoskeletal assessment</li> </ul>	
	23/11/2023 3-6 pm	<ul style="list-style-type: none"> <li>• Cardiac assessment</li> <li>• Arterial blood gases</li> </ul>	
	30/11/2023 3-6 pm	<ul style="list-style-type: none"> <li>• Invasive blood pressure</li> </ul>	

Clinical Critical Care Nursing (Practical II)	7/12/2023 3-6 pm	<ul style="list-style-type: none"> <li>• Central venous pressure</li> <li>• Jugular venous pressure</li> </ul>	<ul style="list-style-type: none"> <li>• Dr. Asmaa Mohamed</li> <li>• Dr. Eman Yasser</li> </ul>
	14/12/2023 3-6 pm	<ul style="list-style-type: none"> <li>• Water seal drainage</li> <li>• Chest physiotherapy</li> </ul>	
	21/12/2023 3-6 pm	<ul style="list-style-type: none"> <li>• Advanced cardiac life support algorithm</li> <li>• Dysrhythmias care algorithms</li> </ul>	
	28/12/2023 3-6 pm	<ul style="list-style-type: none"> <li>• Neurological assessment</li> <li>• ICU scoring scales</li> </ul>	
	4/1/2023 3-6 pm	<ul style="list-style-type: none"> <li>• Gastrointestinal and nutrition assessment</li> <li>• Enteral feeding</li> </ul>	
	11/1/2024 3-6 pm	<ul style="list-style-type: none"> <li>• Total parenteral nutrition</li> <li>• Eye &amp; Mouth care protocol</li> </ul>	

*Approved by the department council, No. (91), 25/9/2023.*

**Program Coordinator**

**Head of the Department**

Assist. Prof. Wafaa Wahdan

Assist. Prof. Hala Ahmed Abdelrahman