

## Teaching Plan Master Sheet of Department Master Courses

**Department:** Critical Care and Emergency Nursing

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

**Academic Year:** 2024/ 2025

**Semester:** Third Semester

Theoretical Courses	Date/Time	Lecture	Lecturer
Critical Care Nursing	7/10/2024 3 -5 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. Hanaa Hussien</li> <li>• Assist. Prof. Aida Faried</li> </ul>
	15/10/2024 1 -2 pm (Online)	<ul style="list-style-type: none"> <li>• Basic dysrhythmias in ICU</li> </ul>	
	21/10/2024 3 -5 pm	<ul style="list-style-type: none"> <li>• Cardiac surgery (CABG)</li> </ul>	
	29/10/2024 1 -2 pm (Online)	<ul style="list-style-type: none"> <li>• Hemodynamic monitoring</li> </ul>	
	4/11/2024 3 -5 pm	<ul style="list-style-type: none"> <li>• Circulatory flow disorders</li> <li>• Cardiac pacing in ICU</li> </ul>	
	12/11/2024 1 -2 pm (Online)	<ul style="list-style-type: none"> <li>• Acute respiratory distress syndrome</li> <li>• Ventilator associated pneumonia</li> </ul>	
	18/11/2024 3 -5 pm	<ul style="list-style-type: none"> <li>• Acute pulmonary embolism</li> <li>• Primary acid-base disorders</li> </ul>	
	26/11/2024 1 -2 pm (Online)	<ul style="list-style-type: none"> <li>• Basics of mechanical ventilation and weaning</li> <li>• Disorders of consciousness in ICU</li> </ul>	

Theoretical Courses	Date/Time	Lecture	Lecturer
Critical Care Nursing	2/12/2024 3 -5 pm	<ul style="list-style-type: none"> <li>• Neuromuscular disorders:               <ul style="list-style-type: none"> <li>- Myasthenia Gravis</li> <li>- Guillain-Barre syndrome</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>• Assist. Prof. Hanaa Hussien</li> <li>• Assist. Prof. Aida Faried</li> </ul>
	10/12/2024 1 -2 pm (Online)	<ul style="list-style-type: none"> <li>• Stroke</li> <li>• Liver cirrhosis</li> </ul>	
	16/12/2024 3 -5 pm	<ul style="list-style-type: none"> <li>• Hepatic encephalopathy</li> <li>• Acute liver failure</li> </ul>	
	24/12/2024 1 -2 pm (Online)	<ul style="list-style-type: none"> <li>• Fluid disturbance and resuscitation in ICU</li> <li>• Electrolyte emergencies</li> </ul>	
	30/12/2024 3 -5 pm	<ul style="list-style-type: none"> <li>• Acute renal failure and renal replacement therapy</li> <li>• Pituitary dysfunction</li> </ul>	
	7/1/2025 1 -2 pm (Online)	<ul style="list-style-type: none"> <li>• Burns, inhalation and electrical injuries</li> </ul>	
New Trends in Critical Care Nursing	9/10/2024 3-5 pm	<ul style="list-style-type: none"> <li>• Registration and Orientation</li> </ul>	<ul style="list-style-type: none"> <li>• Assist. Prof. Hanaa Hussien</li> <li>• Dr. Eman Yasser</li> </ul>
	15/10/2024 9-11 Am (Online)	<ul style="list-style-type: none"> <li>• Ethical and legal issues in critical care nursing.</li> </ul>	
	23/10/2024 3-5 pm	<ul style="list-style-type: none"> <li>• New trends in nutritional support for critically ill patients.</li> </ul>	
	29/10/2024 9-11 Am (Online)	<ul style="list-style-type: none"> <li>• Preparedness and emergency response.</li> </ul>	

Theoretical Courses	Date/Time	Lecture	Lecturer
New Trends in Critical Care Nursing	6/11/2024 3-5 pm	<ul style="list-style-type: none"> <li>Critical care predictive scoring system.</li> </ul>	<ul style="list-style-type: none"> <li>Assist. Prof. Hanaa Hussien</li> <li>Dr. Eman Yasser</li> </ul>
	12/11/2024 9-11 Am (Online)	<ul style="list-style-type: none"> <li>Therapeutic communication.</li> </ul>	
	20/11/2024 3-5 pm	<ul style="list-style-type: none"> <li>Advanced technology in ICU.</li> </ul>	
	26/11/2024 9-11 Am (Online)	<ul style="list-style-type: none"> <li>Transportation of critically ill patients.</li> </ul>	
	4/12/2024 3-5 pm	<ul style="list-style-type: none"> <li>Complementary and alternative therapy in ICU.</li> </ul>	
	10/12/2024 9-11 Am (Online)	<ul style="list-style-type: none"> <li>New strategies in trauma management.</li> </ul>	
	18/12/2024 3-5 pm	<ul style="list-style-type: none"> <li>End of life care for critically ill patients.</li> </ul>	
	24/12/2024 9-11 Am (Online)	<ul style="list-style-type: none"> <li>Revision</li> </ul>	
Anesthesia Care in Nursing	9/10/2024 5-6 pm	<ul style="list-style-type: none"> <li>Registration and Orientation</li> </ul>	<ul style="list-style-type: none"> <li>Assist.Prof. Hala Ahmed</li> <li>Dr. Marwa Mehrez</li> </ul>
	15/10/2024 11-12 Am (Online)	<ul style="list-style-type: none"> <li>General principles of anesthesia</li> </ul>	
	23/10/2024 5-6 pm	<ul style="list-style-type: none"> <li>Assessment for patients with pre, under &amp; post anesthesia</li> </ul>	

Theoretical Courses	Date/Time	Lecture	Lecturer
Anesthesia Care in Nursing Anesthesia Care in Nursing	29/10/2024 11-12 Am (Online)	<ul style="list-style-type: none"> <li>Ethical considerations for anesthetic nurse</li> </ul>	<ul style="list-style-type: none"> <li>Assist .Prof. Hala Ahmed</li> <li>Dr. Marwa Mehrez</li> </ul>
	6/11/2024 5-6 pm	<ul style="list-style-type: none"> <li>Hemodynamic monitoring</li> </ul>	
	12/11/2024 11-12 Am (Online)	<ul style="list-style-type: none"> <li>Post anesthesia pain management</li> </ul>	
	20/11/2024 5-6 pm	<ul style="list-style-type: none"> <li>Risks &amp; complications of anesthesia</li> </ul>	
	26/11/2024 11-12 Am (Online)	<ul style="list-style-type: none"> <li>Professional aspects of nurse anesthesia</li> </ul>	
	4/12/2024 5-6 pm	<ul style="list-style-type: none"> <li>Safety measures during transportation to ICU</li> </ul>	
	10/12/2024 11-12 Am (Online)	<ul style="list-style-type: none"> <li>Types and routes of anesthesia agent</li> </ul>	
	18/12/2024 5-6 pm	<ul style="list-style-type: none"> <li>Advanced technologies in anesthesia</li> </ul>	
	24/12/2024 11-12 Am (Online)	<ul style="list-style-type: none"> <li>Revision</li> </ul>	
Evidence-Based Critical Care Nursing	6/10/2024 3-4 pm	<ul style="list-style-type: none"> <li>Registration and Orientation</li> </ul>	<ul style="list-style-type: none"> <li>Assist. Prof . Asmaa Ibrahim</li> <li>Assist. Prof . Hend Elsayed</li> </ul>
	15/10/2024 12-1 pm(Online)	<ul style="list-style-type: none"> <li>Introduction to evidence- based practice.</li> </ul>	

Theoretical Courses	Date/Time	Lecture	Lecturer
Evidence-Based Critical Care Nursing	20/10/2024 3-4pm	<ul style="list-style-type: none"> <li>Identifying the problem.</li> </ul>	<ul style="list-style-type: none"> <li>Assist. Prof . Asmaa Ibrahim</li> <li>Assist. Prof . Hend Elsayed</li> </ul>
	29/10/2024 12-1 pm (Online)	<ul style="list-style-type: none"> <li>Finding the scientific evidence- based practice.</li> </ul>	
	3/11/2024 3-4 pm	<ul style="list-style-type: none"> <li>Appraising research studies.</li> </ul>	
	12/11/2024 12-1 pm (Online)	<ul style="list-style-type: none"> <li>Developing an action plan for evaluating evidence-based practice.</li> </ul>	
	17/11/2024 3-4 pm	<ul style="list-style-type: none"> <li>Barriers for utilizing evidence-based practice.</li> </ul>	
	26/11/2024 12-1 pm (Online)	<ul style="list-style-type: none"> <li>Evidence-based practice guidelines</li> </ul>	
	1/12/2024 3-4 pm	<ul style="list-style-type: none"> <li>Revision</li> </ul>	
Emergency and Critical Care Medicine	6/10/2024 1-3 pm	<ul style="list-style-type: none"> <li>Registration and Orientation</li> </ul>	Prof. Dr. Mohamed Sultan
	16/10/2024 11-1 pm(Online)	<ul style="list-style-type: none"> <li>Dysrhythmias</li> </ul>	
	20/10/2024 1-3 pm	<ul style="list-style-type: none"> <li>Acute coronary syndrome</li> <li>Acute heart failure</li> </ul>	
	30/11/2024 11-1 pm (Online)	<ul style="list-style-type: none"> <li>Acute lung injury</li> <li>Mechanical ventilation</li> </ul>	

Theoretical Courses	Date/Time	Lecture	Lecturer
Emergency and Critical Care Medicine	3/11/2024 1-3 pm	<ul style="list-style-type: none"> <li>Acid - base disturbances</li> </ul>	Prof. Dr. Mohamed Sultan
	13/11/2024 11-1 pm (Online)	<ul style="list-style-type: none"> <li>Acute gastrointestinal bleeding</li> </ul>	
	17/11/2024 1-3 pm	<ul style="list-style-type: none"> <li>Hepatorenal and hepatopulmonary syndrome</li> </ul>	
	27/11/2024 11-1 pm (Online)	<ul style="list-style-type: none"> <li>Diabetic crises</li> <li>Thyroid and parathyroid crisis</li> </ul>	
	1/12/2024 1-3 pm	<ul style="list-style-type: none"> <li>Fluid and electrolyte disturbances</li> <li>Acute kidney injury</li> </ul>	
	11/12/2024 11-1 pm (Online)	<ul style="list-style-type: none"> <li>Head trauma</li> </ul>	
	15/12/2024 1-3 pm	<ul style="list-style-type: none"> <li>Polytrauma</li> </ul>	
	25/12/2024 11-1 pm (Online)	<ul style="list-style-type: none"> <li>Thoracic trauma</li> </ul>	
	29/12/2024 1-3 pm	<ul style="list-style-type: none"> <li>Shock</li> <li>Nutrition for critically ill patients</li> </ul>	
	1/1/2025 11-1 pm (Online)	<ul style="list-style-type: none"> <li>Revision</li> </ul>	

Theoretical Courses	Date/Time	Lecture	Lecturer
Pharmacology	7/10/2024 2-3 pm	<ul style="list-style-type: none"> <li>Registration and Orientation</li> </ul>	<ul style="list-style-type: none"> <li>Prof. Dr. Ahlam Ibrahim</li> <li>Assist. Prof. Rehab Hamdy</li> </ul>
	16/10/2024 10-11 Am (Online)	<ul style="list-style-type: none"> <li>Basic Concepts of Pharmacology</li> </ul>	
	21/10/2024 2-3 pm	<ul style="list-style-type: none"> <li>Autonomic pharmacology</li> </ul>	
	30/10/2024 10-11 Am (Online)	<ul style="list-style-type: none"> <li>Autacoids and anti-inflammatory</li> </ul>	
	4/11/2024 2-3 pm	<ul style="list-style-type: none"> <li>Drugs with CNS Effects</li> </ul>	
	13/11/2024 10-11 Am (Online)	<ul style="list-style-type: none"> <li>Drugs for Respiratory Disorders</li> </ul>	
	18/11/2024 2-3 pm	<ul style="list-style-type: none"> <li>Drugs for Cardiovascular Disorders</li> </ul>	
	27/11/2024 10-11 Am (Online)	<ul style="list-style-type: none"> <li>IV Fluid ,IV infusion calculation</li> </ul>	
	2/12/2024 2-3 pm	<ul style="list-style-type: none"> <li>Renal pharmacology</li> </ul>	
	11/12/2024 10-11 Am (Online)	<ul style="list-style-type: none"> <li>Drugs for Endocrine Disorders</li> </ul>	
16/12/2024 2-3 pm	<ul style="list-style-type: none"> <li>Drugs for Gastrointestinal Disorders</li> </ul>		

Theoretical Courses	Date/Time	Lecture	Lecturer
Pharmacology	25/12/2024 10-11 Am (Online)	<ul style="list-style-type: none"> <li>• Cancer pharmacology</li> </ul>	<ul style="list-style-type: none"> <li>• Prof. Dr. Ahlam Ibrahim</li> <li>• Assist. Prof. Rehab Hamdy</li> </ul>
	30/12/2024 2-3 pm	<ul style="list-style-type: none"> <li>• Emergency medications</li> </ul>	
	1/1/2025 10-11 Am (Online)	<ul style="list-style-type: none"> <li>• Revision</li> </ul>	
Clinical Courses	Date/Time	Lecture	Lecturer
Clinical Critical Care Nursing (Practical II)	10/10/2024 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>
	16/10/2024 9-10 Am (Online)	<ul style="list-style-type: none"> <li>• Respiratory assessment</li> <li>• Pulse oximetry</li> </ul>	
	24/10/2024 3-6 pm	<ul style="list-style-type: none"> <li>• Endotracheal intubation</li> <li>• Artificial airway cuff maintenance</li> </ul>	
	30/10/2024 9-10 Am (Online)	<ul style="list-style-type: none"> <li>• Suctioning</li> <li>• Tracheostomy care</li> </ul>	
	7/11/2024 3-6 pm	<ul style="list-style-type: none"> <li>• Capnography</li> <li>• Incentive spirometry</li> </ul>	
	13/11/2024 9-10 Am (Online)	<ul style="list-style-type: none"> <li>• Renal assessment</li> <li>• Musculoskeletal assessment</li> </ul>	



Theoretical Courses	Date/Time	Lecture	Lecturer
Clinical Critical Care Nursing (Practical II)	21/11/2024 3-6 pm	<ul style="list-style-type: none"> <li>• Cardiac assessment</li> <li>• Arterial blood gases</li> </ul>	<ul style="list-style-type: none"> <li>• Dr. Asmaa Mohamed</li> <li>• Dr . Eman Yasser</li> </ul>
	27/11/2024 9-10 Am (Online)	<ul style="list-style-type: none"> <li>• Invasive blood pressure</li> </ul>	
	5/12/2024 3-6 pm	<ul style="list-style-type: none"> <li>• Central venous pressure</li> <li>• Jugular venous pressure</li> </ul>	
	11/12/2024 9-10 Am (Online)	<ul style="list-style-type: none"> <li>• Water seal drainage</li> <li>• Chest physiotherapy</li> </ul>	
	19/12/2024 3-6 pm	<ul style="list-style-type: none"> <li>• Advanced cardiac life support algorithm</li> <li>• Dysrhythmias care algorithms</li> </ul>	
	25/12/2024 9-10 Am (Online)	<ul style="list-style-type: none"> <li>• Neurological assessment</li> <li>• ICU scoring scales</li> </ul>	
	2/1/2025 3-6 pm	<ul style="list-style-type: none"> <li>• Gastrointestinal and nutrition assessment</li> <li>• Enteral feeding</li> </ul>	
	8/1/2025 9-10 Am (Online)	<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. (108), 27/10/2024.**

**Program Coordinator**

**Head of the Department**

Assist. Prof. Hala Ahmed Abdelrahman

Assist. Prof. Asmaa Ibrahim

وحدة ضمان الجودة

QAU

Quality Assurance Unit  
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Reaccredited October 2020

