

Sub.	Course Description – توصيف مقرر دراسي – الموضوع	الموضوع	 كلية المعرفة ALMAAREFA COLLEGE
Date		التاريخ	

Course Code & No	RSTH 453		رقم المقرر ورمزه
Course Name	Respiratory Practicum IV		اسم المقرر
Credit Hours	3		عدد الساعات المعتمدة
Pre-requisite	RSTH 452- Respiratory Care Practicum III RSTH 441- Mechanical Ventilation		المتطلب السابق

General Description	توصيف عام
<p>This course provides opportunities for the student to further refine clinical skills. Course emphasis is placed upon critical care, neonatal mechanical ventilation, PFT, Sleep disorder lab, home care and discharge planning. Students rotate to specialized areas of respiratory care, increasing their proficiency and understanding in those areas. Upon completion, the student should be able to demonstrate appropriate knowledge and clinical skills necessary to successfully function in the role of advanced respiratory care practitioner. In addition, students continue their professional development and competency in the general and critical care settings.</p>	

Course Objectives	أهداف المقرر
<p>Knowledge</p> <ul style="list-style-type: none"> Recognize basic clinical applications of mechanical ventilation for adults, paediatrics, and neonates. <p>Cognitive skills:</p> <ul style="list-style-type: none"> Describe all steps of application of mechanical ventilation for adults, paediatrics, and neonates. <p>Interpersonal Skills & Responsibilities:</p> <ul style="list-style-type: none"> Show how to interact with patients and others in professional manner. Demonstrate effective verbal and nonverbal communication. <p>Communication, Information Technology, Numerical</p> <ul style="list-style-type: none"> Illustrate oral and written communication. Illustrate the use of information technology, basic mathematics and statistics in context of patient assessment & management. <p>Psychomotor</p> <ul style="list-style-type: none"> Perform basic skills related to clinical application of mechanical ventilation for adults, paediatrics, and neonates. 	

Course Outlines	مفردات المقرر
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<ol style="list-style-type: none"> 1. Patient assessment 2. Communication skills 3. Infection control 4. Physical exam and history taking 5. Clinical application of mechanical ventilation 6. Initiating and Adjusting Ventilatory Support 7. Non-invasive positive pressure ventilation. 8. Monitoring and Management of the Patient in the Intensive Care Unit. 9. Pulmonary rehabilitation 10. Pulmonary function Test 11. Interpretation of patient mechanical ventilation data 12. Home care management 13. Sleep disorder and sleep study 14. Hemodynamic Monitoring 15. Graphics of Mechanical ventilation 16. Initiation and Weaning of Mechanical ventilation 17. Neonatal and Pediatric respiratory care 18. Intensive care medications 	
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References	المراجع