

Sub.	Course Description – توصيف مقرر دراسي – الموضوع	الموضوع	 <b>كلية المعرفة</b> ALMAAREFA COLLEGE
Date		التاريخ	

Course Code & No	RSTH 480	تنفسي ٤٨٠	رقم المقرر ورمزه
Course Name	Critical care	العناية الحرجة	اسم المقرر
Credit Hours	3	٣	عدد الساعات المعتمدة
Pre-requisite	RSTH 441	تنفسي ٤٤١	المتطلب السابق

General Description	توصيف عام
<p>This course is designed to continue the study of diagnostic and therapeutic procedures in the field of Respiratory Care. The emphasis is placed on the management of mechanical ventilation and critical respiratory conditions</p>	

Course Objectives	أهداف المقرر
<p><b>At the end of this course the student will be able to</b></p> <ol style="list-style-type: none"> <li>1. Learn the concept of NIPPV</li> <li>2. Learn how to manage airway and cardiac arrest patients</li> <li>3. Learn type of shock and how to manage it</li> <li>4. Learn about fever and antibiotics in ICU</li> <li>5. Learn how to rapid interfere with patient in massive hemoptysis</li> <li>6. Know recent MV techniques ex. ECMO, ILV and liquid ventilation</li> </ol>	

Course Outlines	مفردات المقرر
<ol style="list-style-type: none"> <li>1. Basic concept of NIV</li> <li>2. Cardiac arrest</li> <li>3. Fever in ICU</li> <li>4. Antibiotics in ICU</li> <li>5. Shock</li> <li>6. Hemoptysis</li> <li>7. Airway maintenance</li> <li>8. Difficult intubation</li> <li>9. ECMO</li> <li>10. ILV</li> <li>11. Liquid ventilation</li> </ol>	

References	المراجع
<ol style="list-style-type: none"> <li>1- <u>Egan's Fundamentals of Respiratory Care</u>. Kacmarek, Stoller and Heuer, 10<sup>th</sup> Edition, Mosby, 2012.</li> <li>2- <u>Pilbeams Mechanical Ventilation</u>, 5th Edition ISBN: 978-0-323-07208-3</li> <li>3- <u>MECHANICAL VENTILATION: CLINICAL APPLICATIONS</u> ISBN: 978-0-7216-0186-1</li> </ol>	