



### A brief Course Description

<b>Course Name</b>	<b>Basic of Mechanical Ventilation</b>		
<b>Course Code</b>	<b>RESP 341</b>		
<b>College</b>	College of Health and Rehabilitation Sciences		
<b>Department/ Program</b>	Rehabilitation Sciences \ Respiratory Care		
<b>Year / Level:</b>	3 <sup>rd</sup> \ level 6		
<b>Credit Hours</b>	4		
<b>Contact Hours</b>	<b>Lecture: 2</b>	<b>Lab/Tutorial:</b>	<b>Training: 4</b>
<b>Language</b>	English		
<b>Track</b>	Program Requirement		
<b>Pre-requisites Course:</b>	RESP 340		
<b>Co-Requests:</b>	None		
<b>Course Objectives:</b>	The aim of this course is intended to identify the classification, indications, contraindications, and complications as well as proper application of Mechanical Ventilation.		



### A brief Course Description

<b>Course Name</b>	<b>Respiratory Care Clinical Practice (2)</b>		
<b>Course Code</b>	<b>RESP 321</b>		
<b>College</b>	College of Health and Rehabilitation Sciences		
<b>Department/ Program</b>	Rehabilitation Sciences \ Respiratory Care		
<b>Year / Level:</b>	3 <sup>rd</sup> \ level 6		
<b>Credit Hours</b>	3		
<b>Contact Hours</b>	<b>Lecture:</b>	<b>Lab/Tutorial:</b>	<b>Training: 6</b>
<b>Language</b>	English		
<b>Track</b>	Program Requirement		
<b>Pre-requisites Course:</b>	RESP 320		
<b>Co-Requests:</b>	None		
<b>Course Objectives:</b>	The main objective is to practice different respiratory care procedures and to expose students to the basic concepts of mechanical ventilator support that will help them to gain skills on the use of mechanical ventilators and pulmonary function testing .		



### A brief Course Description

<b>Course Name</b>	<b>Pulmonary Function Testing</b>		
<b>Course Code</b>	<b>RESP 312</b>		
<b>College</b>	College of Health and Rehabilitation Sciences		
<b>Department/ Program</b>	Rehabilitation Sciences \ Respiratory Care		
<b>Year / Level:</b>	3 <sup>rd</sup> \ level 6		
<b>Credit Hours</b>	3		
<b>Contact Hours</b>	<b>Lecture: 2</b>	<b>Lab/Tutorial: 2</b>	<b>Training:</b>
<b>Language</b>	<b>English</b>		
<b>Track</b>	Program Requirement		
<b>Pre-requisites Course:</b>	<b>MBS 330</b>		
<b>Co-Requests:</b>	<b>None</b>		
<b>Course Objectives:</b>	The main purpose for this course is intended to describe techniques of spirometry and interpret spirometric results using different types of PFT equipment.		



### A brief Course Description

Course Name	<b>Communication Skills for Health Care Professionals</b>		
Course Code	<b>HEP 331</b>		
College	College of Health and Rehabilitation Sciences		
Department/ Program	Rehabilitation Sciences \ Respiratory Care		
Year / Level:	3 <sup>rd</sup> \ level 6		
Credit Hours	3		
Contact Hours	Lecture: 2	Lab/Tutorial: 2	Training:
Language	English		
Track	College Requirement		
Pre-requisites Course:	None		
Co-Requests:	None		
Course Objectives:	<b>This course aims to help the students:</b> <ul style="list-style-type: none"><li>• Know how to communicate effectively with patients, colleagues and the public</li><li>• Provide effective and satisfactory patient education</li><li>• Identify the significant of communication approach relative to cultural diversity.</li></ul>		



### A brief Course Description

<b>Course Name</b>	<b>Biostatistics</b>		
<b>Course Code</b>	<b>HRS 116</b>		
<b>College</b>	College of Health and Rehabilitation Sciences		
<b>Department/ Program</b>	Rehabilitation Sciences \ Respiratory Care		
<b>Year / Level:</b>	3 <sup>rd</sup> \ level 6		
<b>Credit Hours</b>	3		
<b>Contact Hours</b>	<b>Lecture: 2</b>	<b>Lab/Tutorial: 2</b>	<b>Training:</b>
<b>Language</b>	<b>English</b>		
<b>Track</b>	College Requirement		
<b>Pre-requisites Course:</b>	<b>None</b>		
<b>Co-Requests:</b>	<b>None</b>		
<b>Course Objectives:</b>	This course aim to provide students with the ability to <ul style="list-style-type: none"><li>• Recognize different methods in biostatistics and to apply these methods to health-related data</li><li>• use statistical software to perform different statistical tests, and interpret outputs generated by the software</li><li>• interpret and understand descriptive and inferential statistics outcome</li></ul>		