



A brief Course Description

Course Name	Basic life support techniques		
Course Code	HRS 114		
College	College of Health and Rehabilitation Sciences		
Department/ Program	Rehabilitation Sciences \ Respiratory Care		
Year / Level:	3 rd \ level 5		
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:	<p>This course aims to provide students with the ability to :</p> <ul style="list-style-type: none"> • Understand the organization of the human body and how the body works. • Identify the organs of the body and understand their structure, location, function and how they interact with each other to maintain internal homeostasis. • Understand different body functions and how they help the body to cope with different situations (exercise, relaxation, disease, injury, etc.). • Develop good learning habits, cognitive and practical skills. 		



A brief Course Description

Course Name	Professionalism and Ethics in Health Care Practices		
Course Code	HEP 332		
College	College of Health and Rehabilitation Sciences		
Department/ Program	Rehabilitation Sciences \ Respiratory Care		
Year / Level:	3 rd \ level 5		
Credit Hours	2		
Contact Hours	Lecture: 2	Lab/Tutorial:	Training:
Language	English		
Track	College Requirement		
Pre-requisites Course:	None		
Co-Requests:	None		
Course Objectives:	After completing the course, the students should have the ability to: <ul style="list-style-type: none">- Recognize issues related to ethics of health care- Identify the main ethical duties of healthcare practitioners- Make ethical decisions in the face of the ethical dilemmas.		



A brief Course Description

Course Name	Respiratory Care Instrumentation and Application		
Course Code	RESP 340		
College	College of Health and Rehabilitation Sciences		
Department/ Program	Rehabilitation Sciences \ Respiratory Care		
Year / Level:	3 rd \ level 5		
Credit Hours	4		
Contact Hours	Lecture: 2	Lab/Tutorial:	Training: 4
Language	English		
Track	Program Requirement		
Pre-requisites Course:	RESP 202		
Co-Requests:	None		
Course Objectives:	The main purpose for this course is intended to identify the safety, indications, contraindications, hazards, and complications as well as proper use of equipment and procedures such as bronchial hygiene therapy, lung expansion therapy, aerosol therapy, and airway management.		



A brief Course Description

Course Name	Cardiopulmonary Pathophysiology		
Course Code	MBS 330		
College	College of Health and Rehabilitation Sciences		
Department/ Program	Rehabilitation Sciences \ Respiratory Care		
Year / Level:	3 rd \ level 5		
Credit Hours	2		
Contact Hours	Lecture: 2	Lab/Tutorial:	Training:
Language	English		
Track	Program Requirement		
Pre-requisites Course:	RESP 203- RAD 223		
Co-Requests:	None		
Course Objectives:	The main objective of this course is to familiarize the students to cardiopulmonary diseases which are affecting the respiratory system.		



A brief Course Description

Course Name	Respiratory Care Clinical Practice (1)		
Course Code	RESP 320		
College	College of Health and Rehabilitation Sciences		
Department/ Program	Rehabilitation Sciences \ Respiratory Care		
Year / Level:	3 rd \ level 5		
Credit Hours	3		
Contact Hours	Lecture:	Lab/Tutorial:	Training: 6
Language	English		
Track	Program Requirement		
Pre-requisites Course:	RESP 202		
Co-Requests:	None		
Course Objectives:	The main objective of this course is to prepare the students to implement standard patient assessment and basic respiratory therapy interventions based on guidelines and standards.		



A brief Course Description

Course Name	Cardiopulmonary Radiological Imaging		
Course Code	RESP 311		
College	College of Health and Rehabilitation Sciences		
Department/ Program	Rehabilitation Sciences \ Respiratory Care		
Year / Level:	3 rd \ level 5		
Credit Hours	3		
Contact Hours	Lecture: 2	Lab/Tutorial: 2	Training:
Language	English		
Track	Program Requirement		
Pre-requisites Course:	None		
Co-Requests:	None		
Course Objectives:	The aim of this course is to enable students to recognize the basic operating principles, indications, procedures and diagnostic accuracy of different diagnostic imaging modalities related to the practice of respiratory care. Moreover, the students will be able to identify common cardiopulmonary pathologies in basic radiographic images.		



A brief Course Description

Course Name	Respiratory pharmacology		
Course Code	PHS 313		
College	College of Health and Rehabilitation Sciences		
Department/ Program	Rehabilitation Sciences \ Respiratory Care		
Year / Level:	3 rd \ level 5		
Credit Hours	2		
Contact Hours	Lecture: 2	Lab/Tutorial:	Training:
Language	English		
Track	Program Requirement		
Pre-requisites Course:	None		
Co-Requests:	None		
Course Objectives:	<p>Upon completion of this course the student will be able to:</p> <p>A. Define and describe basic concepts of pharmacology including principles of pharmacokinetics and pharmacodynamics.</p> <p>B. Analyze the pathophysiologic bases that relate to pharmacological mechanisms of medications used in the treatment and management of respiratory disorders.</p> <p>C. Outline the adverse effects and drug interactions of respiratory medications and briefly overview clinical applications of other common drug classes.</p>		