



A brief Course Description

Course Name	Cardiopulmonary Intensive Care		
Course Code	RESP 406		
College	College of Health and Rehabilitation Sciences		
Department/ Program	Rehabilitation Sciences \ Respiratory Care		
Year / Level:	4 th \ level 8		
Credit Hours	4		
Contact Hours	Lecture: 2	Lab/Tutorial:	Training: 4
Language	English		
Track	Program Requirement		
Pre-requisites Course:	RESP 442		
Co-Requests:	None		
Course Objectives:	The main purpose of this course is to provide the students with ability to monitor cardiac function, interpret basic ECG rhythms, know common medications used in ICU and develops clinical skills in the management of the critical care patient including specialized learning experiences in therapeutic modalities for cardiopulmonary surgery and diseases.		



A brief Course Description

Course Name	Management in Healthcare Organization		
Course Code	RESP 431		
College	College of Health and Rehabilitation Sciences		
Department/ Program	Rehabilitation Sciences \ Respiratory Care		
Year / Level:	4 th \ level 8		
Credit Hours	2		
Contact Hours	Lecture: 2	Lab/Tutorial:	Training:
Language	English		
Track	Program Requirement		
Pre-requisites Course:	None		
Co-Requests:	None		
Course Objectives:	The main objective of this course is to introduce the basic principles of management as well as the basic and recent tools of management in a health care organization, especially at departments that include respiratory care. Moreover, this course aims to enable the student to understand the concept of leadership and teamwork in a health care organization.		



A brief Course Description

Course Name	Polysomnography		
Course Code	RESP 413		
College	College of Health and Rehabilitation Sciences		
Department/ Program	Rehabilitation Sciences \ Respiratory Care		
Year / Level:	4 th \ level 8		
Credit Hours	2		
Contact Hours	Lecture: 1	Lab/Tutorial: 2	Training:
Language	English		
Track	Program Requirement		
Pre-requisites Course:	None		
Co-Requests:	None		
Course Objectives:	The main objective of this course is intended to make students understand and perform the technique of polysomnographic study, interpret major breathing events, and report valid polysomnographic data. Students will also learn how to perform CPAP and BiPAP Titration.		



A brief Course Description

Course Name	Graduation Project		
Course Code	RESP 481		
College	College of Health and Rehabilitation Sciences		
Department/ Program	Rehabilitation Sciences \ Respiratory Care		
Year / Level:	4 th \ level 8		
Credit Hours	2		
Contact Hours	Lecture:	Lab/Tutorial: 4	Training:
Language	English		
Track	Program Requirement		
Pre-requisites Course:	RESP 480		
Co-Requests:	None		
Course Objectives:	The main objective of the course is to give the students an opportunity to work, under supervision, with a research project within the field of respiratory care.		



A brief Course Description

Course Name	Advanced Clinical Practice in Respiratory Care (2)		
Course Code	RESP 423		
College	College of Health and Rehabilitation Sciences		
Department/ Program	Rehabilitation Sciences \ Respiratory Care		
Year / Level:	4 th \ level 8		
Credit Hours	4		
Contact Hours	Lecture:	Lab/Tutorial:	Training: 8
Language	English		
Track	Program Requirement		
Pre-requisites Course:	RESP 422		
Co-Requests:	None		
Course Objectives:	Clinical experiences will permit students to competently provide care for cardiopulmonary disease patients who receive respiratory care modalities, and diagnostic procedures in critical care setting and perform polysomnography study under direct supervision of a respiratory therapist in the clinical setting.		