



A brief Course Description

Course Name	Biostatistics		
Course Code	HRS 116		
College	College of Health and Rehabilitation Sciences		
Department/ Program	Radiological Sciences		
Year / Level:	3 rd year/6 th level		
Credit Hours	2+1+0=3		
Contact Hours	Lecture: 2	Lab/Tutorial: 2	Training:0
Language	English		
Track	College Requirement		
Pre-requisites Course:	HFSS 101-1		
Co-Requests:	None		
Course Objectives:	<p>By the end of this course, the student should be able to:</p> <ul style="list-style-type: none">• Apply statistical methods to health related data• Understand how to use statistical software• Interpret outputs generated by the software		



A brief Course Description RRT 323

Course Name	Cross Sectional Anatomy for Medical Imaging		
Course Code	RRT 323		
College	Health and Rehabilitation Sciences		
Department/ Program	Radiological sciences department		
Year / Level:	3-6		
Credit Hours	3		
Contact Hours	Lecture:2	Lab/Tutorial 2	Training: 0
Language			
Track	Department Requirement		
Pre-requisites Course:	HRS 112,HRS 113, RRT315.		
Co-Requests:	none		
Course Objectives:	This course begins with a review of gross anatomy and sectional anatomy of the human head, neck, central nervous system, thorax, Abdomen and pelvis on axial (transverse), sagittal, coronal and orthogonal (oblique) planes and the clinical application of this knowledge to imaging modalities of CT and Magnetic Resonance images pre and post contrast . Focus will cover the common pathologies.		



A brief Course Description

Course Name	Radiation Dose Calculations		
Course Code	RRT 324		
College	Health and Rehabilitation Sciences		
Department/ Program	Radiological sciences department		
Year / Level:	2nd semester /3rd year		
Credit Hours	2+0+1=3		
Contact Hours	Lecture: 24	Lab/Tutorial : 30	Training:
Language			
Track	Department Requirement		
Pre-requisites Course:	Physics of Radiation Therapy I and Treatment Planning I		
Co-Requests:	None		
Course Objectives:	<ol style="list-style-type: none"> 1. Gain basic knowledge on concepts, theories and practical principles on dose calculations 2. Knowledge of the factors affecting doses in radiation therapy 3. Familiarization with the terminologies used in dose calculations 		



A brief Course Description RRT 325

Course Name	Clinical Oncology (2)		
Course Code	RRT 325		
College	Health and Rehabilitation Sciences		
Department/ Program	Radiological sciences department		
Year / Level:	3-6		
Credit Hours	3		
Contact Hours	Lecture:2	Lab/Tutorial0	Training: 4
Language	English		
Track	Department Requirement		
Pre-requisites Course:	RRT 314		
Co-Requests:	None		
Course Objectives:	<p>At the end of this course, the student should be able to:</p> <p>Describe the role and scope of surgical, medical and radiation oncology, and immunotherapy in the management of malignant diseases and to know Radiation Therapy Treatment principles and practice</p>		