



A brief Course Description

Course Name	Health administration and informatics		
Course Code	HRS 117		
College	College of Health and Rehabilitation Sciences		
Department/ Program	Radiological Sciences		
Year / Level:	4 th year/8 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:	None		
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"> • Define management, leadership, planning and health information • List various health systems prototypes • Recognize reasons, structures and processes of groups and teams • Recognize leadership theories, traits, skills and behaviors • Recognize record linkage and data protection Differentiating management and leadership • Compare methods for making decisions • Discuss barriers to effective decision making • Recognize Principles of planning, organizing, controlling and staffing • Coordinate jobs and positions in a healthcare organization 		



A brief Course Description

Course Name	Brachytherapy for Medical Dosimetrists		
Course Code	RRT 421		
College	Health and Rehabilitation Sciences		
Department/ Program	Radiological sciences department		
Year / Level:	2 nd semester /4nd year		
Credit Hours	2+0+1=3		
Contact Hours	Lecture: 24	Lab/Tutorial	Training: 60
Language			
Track	Department Requirement		
Pre-requisites Course:	RRT 324, RRT 415		
Co-Requests:	None		
Course Objectives:	<ol style="list-style-type: none"> 1. Gain basic knowledge of radionuclides, their complete physical properties, Radium hazards. Source construction 2. Including filtration, comparative advantages of these radionuclides. Histological background. 3. Radiation and Dose units : Activity used, Exposure, Absorbed dose, mg-hr, curie, milli-curie Milligram Radium equivalent , roentgen, rad, gray. 		



A brief Course Description

Course Name	Care of Oncology Patients		
Course Code	RRT 423		
College	Health and Rehabilitation Sciences		
Department/ Program	Radiological sciences department		
Year / Level:	2 nd semester /4nd year		
Credit Hours	2+0+1= 3		
Contact Hours	Lecture: 28	Lab/Tutorial	Training: 30
Language			
Track	Department Requirement		
Pre-requisites Course:	RRT 314 RRT 325		
Co-Requests:	None		
Course Objectives:	At the end of the course, the student should be able to Assess the physical condition of the patient before, during and after treatment delivery. Demonstrate the principles of infection control and apply the principles of patient safety and transfer Recognize an adverse reaction to medication. Understand the different psychological effects of dying and death. Explain the dynamics of communicating with the cancer patient and family. Demonstrate a professional attitudes, ethical and legal responsibilities		



A brief Course Description

Course Name	Clinical Practicum II		
Course Code	RRT 424		
College	Health and Rehabilitation Sciences		
Department/ Program	Radiological sciences department		
Year / Level:	2 nd semester /4nd year		
Credit Hours	1+0+2= 3		
Contact Hours	Lecture: 12	Lab/Tutorial	Training: 30
Language			
Track	Department Requirement		
Pre-requisites Course:	RRT413		
Co-Requests:	None		
Course Objectives:	<ol style="list-style-type: none"> 1. Identify accessory and immobilizing devices and use them correctly and safely. 2. Position the patient anatomically correct for the appropriate procedure using the correct immobilizing devices when required. 3. Assist in carrying out radiotherapy procedures, including the use of the computer system under supervision of a qualified Radiation Therapist. 4. Identify, locate and safely use equipment for emergency procedures e.g. Oxygen cylinder. 		



A brief Course Description RRT 422

Course Name	Research Project II		
Course Code	RTT 422		
College	Health and Rehabilitation Sciences		
Department/ Program	Radiological sciences department		
Year / Level:	4-8		
Credit Hours			
Contact Hours	Lecture:2	Lab/Tutorial0	Training: 0
Language	English		
Track	Department Requirement		
Pre-requisites Course:	RRT 411		
Co-Requests:	none		
Course Objectives:	Upon successful completion, the student will be able to Integrate knowledge gained through the academic and clinical portions of the program to prepare a paper that is relevant and timely ,Correctly manage issues of patient confidentiality , Perform a literature review ,Prepare a paper using a standardized format , Present a paper to the VIVA committee demonstrating effective use of audio and visual tools.		