

Courses Description

College: Applied Medical Sciences
Department: Physical Therapy

Couse ID: 504100	Description: skin care science
Full Course Description:	jhhjh
Couse ID: 504201	Description: Introduction to Physiotherapy
Full Course Description:	
Couse ID: 504313	Description: Anatomy of Musculoskeletal System
Full Course Description:	
Couse ID: 504314	Description: Musculoskeletal pathology
Full Course Description:	
Couse ID: 504315	Description: Orthotics Sciences
Full Course Description:	
Couse ID: 504321	Description: Methods of Physiotherapy (1)
Full Course Description:	
Couse ID: 504323	Description: Methods of Physiotherapy (3)
Full Course Description:	
Couse ID: 504324	Description: Methods of Physical Therapy (4)
Full Course Description:	sdsdf
Couse ID: 504332	Description: Physical Therapy for Chronic Pain
Full Course Description:	fgf
Couse ID: 504334	Description: Physical Therapy for sport Injury
Full Course Description:	klhj hj
Couse ID: 504341	Description: Biomechanics & Kinesiology
Full Course Description:	
Couse ID: 504342	Description: Orthotics & Prosthesis
Full Course Description:	dfsdfs
Couse ID: 504343	Description: Biomechanics
Full Course Description:	
Couse ID: 504351	Description: Patient Compliance Concepts
Full Course Description:	
Couse ID: 504352	Description: Management of Physiotherapy Services
Full Course Description:	
Couse ID: 504353	Description: Medical Ethics in Rehabilitation
Full Course Description:	fg
Couse ID: 504371	Description: Computer in Phsical Therapy
Full Course Description:	,m
Couse ID: 504373	Description: Computer in Physiotherapy
Full Course Description:	
Couse ID: 504415	Description: Development of Neuromuscular Systems
Full Course Description:	

Courses Description

College: Applied Medical Sciences

Department: Physical Therapy

Couse ID: 504461	Description: Clinical Exercises Physiology
Full Course Description:	
Couse ID: 504462	Description: Sport Injury
Full Course Description:	
Couse ID: 504490	Description: Research In Physical Therapy
Full Course Description:	
Couse ID: 504495	Description: Special Topics in Physiotherapy
Full Course Description:	
Couse ID: 504499	Description: Internship in Physiotherapy
Full Course Description:	
Couse ID: 2504311	Description: Neurosciences (1)
Full Course Description:	
Couse ID: 2504312	Description: Neurosciences (2)
Full Course Description:	
Couse ID: 2504314	Description: Musculoskeletal pathology
Full Course Description:	Musculoskeletal Injury
Couse ID: 2504321	Description: Methods of Physiotherpay(1)
Full Course Description:	
Couse ID: 2504322	Description: Method of Physiotherpay (2)
Full Course Description:	
Couse ID: 2504323	Description: Methods of Phsical Therapy (3)
Full Course Description:	GGSDGFSDGFSDFS
Couse ID: 2504339	Description: Geratric Physical Therapy
Full Course Description:	hjkhk
Couse ID: 2504341	Description: Biomechanics & Kinesiology
Full Course Description:	Biomechanics & Kinesiology
Couse ID: 2504352	Description: Management of Physical Therapy Services
Full Course Description:	sdasdfs
Couse ID: 2504382	Description: Psychology for Physiotherapy
Full Course Description:	
Couse ID: 2504431	Description: Physiotherapy for Neuromuscular Conditions
Full Course Description:	
Couse ID: 2504433	Description: Physiotherapay for Neurological Conditions
Full Course Description:	
Couse ID: 2504435	Description: Physiotherapy for Selected Body Systems
Full Course Description:	
Couse ID: 2504437	Description: Pediatric Physiotherapy
Full Course Description:	

Courses Description

College: Applied Medical Sciences

Department: Physical Therapy

Couse ID: 2504439 **Description:** Geriatric Physiotherapy

Full Course Description:

Couse ID: 2504491 **Description:** Seminar in Physiotherapy

Full Course Description:

Couse ID: 2504495 **Description:** Special Topics in Physiotherapy

Full Course Description: K

Couse ID: 2504499 **Description:** Internship in Physical Therapy

Full Course Description: ergrrgdv

Couse ID: 3504314 **Description:** Musculoskeletal Pathology

Full Course Description: jkjkjk

Couse ID: 3504322 **Description:** Method of Physiotherpay (2)

Full Course Description: Method of Physiotherpay (2)

Couse ID: 3504431 **Description:** Physiotherapy for musculoskeletal Conditions

Full Course Description: Physiotherapy for Neuromuscular Conditions

Couse ID: 3504433 **Description:** Physiotherapay for Neurological Conditions

Full Course Description: Physiotherapay for Neurological Conditions

Couse ID: 3504435 **Description:** Physiotherapy for Selected Body Systems

Full Course Description: Physiotherapy for Selected Body Systems

Couse ID: 3504437 **Description:** Pediatric Physiotherapy

Full Course Description: Pediatric Physiotherapy

Couse ID: 3504492 **Description:** Research in Physical Therapy

Full Course Description: xc

Couse ID: 3504495 **Description:** Research in physiotherapy

Full Course Description: sa

Couse ID: 4504431 **Description:** Physical Therapy for Musculoskeletal Conditions

Full Course Description: ;ljojlo

Couse ID: 4504433 **Description:** Physical Therapy for Neurological Conditions

Full Course Description: HJJk

Couse ID: 4504435 **Description:** Physical Therapy for Selected Body Systems

Full Course Description: gsdfsdfs

Couse ID: 4504437 **Description:** Pediatric Physical Therapy

Full Course Description: iioioio

Couse ID: 110504210 **Description:** Introduction to Physical Therapy

Full Course Description: dfsd

Couse ID: 110504211 **Description:** Anatomy of Musculoskeletal System

Full Course Description: qweq

Couse ID: 110504212 **Description:** Anatomy of Musculoskeletal System Lab

Full Course Description: wewq

Courses Description

College: Applied Medical Sciences

Department: Physical Therapy

Couse ID: 110504213 **Description:** Concepts of patient Communication in Rehabilitation

Full Course Description: fgdf

Couse ID: 110504214 **Description:** Neuroanatomy

Full Course Description: erwe

Couse ID: 110504220 **Description:** Evaluation of Muscles and Range of Motion

Full Course Description: rwer

Couse ID: 110504221 **Description:** Evaluation of Muscles and Range of Motion Lab

Full Course Description: sdfsd

Couse ID: 110504230 **Description:** Biomechanics & Kinesiology

Full Course Description: wqeqw

Couse ID: 110504231 **Description:** Biomechanics & Kinesiology Lab

Full Course Description: fsdsd

Couse ID: 110504320 **Description:** Therapeutic Exercise

Full Course Description: dfdsd

Couse ID: 110504321 **Description:** Therapeutic Exercise Lab

Full Course Description: sadas

Couse ID: 110504322 **Description:** Electrotherapy

Full Course Description: sda

Couse ID: 110504323 **Description:** Electrotherapy Lab

Full Course Description: sadas

Couse ID: 110504324 **Description:** Manual Therapy

Full Course Description: zX

Couse ID: 110504325 **Description:** Manual Therapy Lab

Full Course Description: asdas

Couse ID: 110504330 **Description:** Musculoskeletal Injury and Pathology

Full Course Description: xcZX

Couse ID: 110504331 **Description:** Orthotics & Prosthesis

Full Course Description: dss

Couse ID: 110504340 **Description:** Neurology

Full Course Description: asdda

Couse ID: 110504341 **Description:** Neurology Lab

Full Course Description: das

Couse ID: 110504342 **Description:** Development of Neuromuscular System

Full Course Description: sada

Couse ID: 110504350 **Description:** Geriatric Physical Therapy

Full Course Description: sdasd

Couse ID: 110504351 **Description:** Psychology for Physical Therapy

Full Course Description: dfds

Courses Description

College: Applied Medical Sciences

Department: Physical Therapy

Couse ID: 110504352 **Description:** Physical Therapy for Chronic Pain

Full Course Description: dfds

Couse ID: 110504360 **Description:** Skin Care

Full Course Description: ffdtdtdtdtd

Couse ID: 110504410 **Description:** Research Method

Full Course Description: sadas

Couse ID: 110504411 **Description:** Research in Physical Therapy

Full Course Description: xxz

Couse ID: 110504412 **Description:** Seminar in Physical Therapy

Full Course Description: sasss

Couse ID: 110504430 **Description:** Physical Therapy for Musculoskeletal Conditions

Full Course Description: sdas

Couse ID: 110504431 **Description:** Physical Therapy for Musculoskeletal Conditions Lab

Full Course Description: asd

Couse ID: 110504440 **Description:** Physical Therapy for Neurological Conditions

Full Course Description: asdas

Couse ID: 110504441 **Description:** Physical Therapy for Neurological Conditions Lab

Full Course Description: sdas

Couse ID: 110504450 **Description:** Physical Therapy for Cardiopulmonary and General Surgery

Full Course Description: dfsfs

Couse ID: 110504451 **Description:** Physical Therapy for Specialized Body Systems

Full Course Description: dfsf

Couse ID: 110504452 **Description:** Physical Therapy for Cardiopulmonary and Specialized body Systems Lab

Full Course Description: sadas

Couse ID: 110504453 **Description:** Pediatric Physical Therapy

Full Course Description: sdad

Couse ID: 110504470 **Description:** Internship in Physical Therapy(1)

Full Course Description: dsfsd

Couse ID: 110504471 **Description:** Internship in Physical Therapy (2)

Full Course Description: das

Couse ID: 140504212 **Description:** Anatomy of Musculoskeletal System Lab

Full Course Description: This lab provides the students with practical knowledge of human dissectional anatomy of bones, joints and muscles for upper and lower extremities, and facial musculature and their vascularization and innervations on anatomical models

Couse ID: 140504352 **Description:** Physical Therapy for Chronic Pain

Full Course Description: This course introduces the physiology of acute and chronic pain and their impacts on patients function and introduces physical therapy evaluation and managements of the chronic pain. Several conditions that result in and from pain including chronic disease, disordered and injuries such as rheumatic disease, fibromyalgia and the victims of torturing will be discussed. Pathophysiology and etiology of these diseases will also be included.

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College: Applied Medical Sciences

Department: Physical Therapy

Couse ID: 140504454 **Description:** Seminar in Physical Therapy

Full Course Description: This course is designed to increase the students' abilities on identifying, analysis, proposing a solution for professional related issues. Each student is expected to identify physical therapy practice related issue, and explore the aspect of the matter, analyze the situation, read and reporting on specific topics (of his/her choice). Emphasis is placed on the development of knowledge in an area of interest to the student. hands on and keen follow up on the developed project will be provided during the course, the student will present his/her subject using proper audiovisual aids toward the end of the semester. A written report on the presented material or project should also be submitted.

Couse ID: 140504455 **Description:** Special Topics in Physical Therapy

Full Course Description: سماء

Couse ID: 140504461 **Description:** Internship in Physical Therapy (2)

Full Course Description: This course is designed to provide the student with the opportunity to provide standards of physical therapy treatment under supervision in an onsite clinical learning environment. The student will be supervised by a licensed physical therapist during their progression of learning opportunities, application techniques, and professional behavioral abilities. This clinical experience presents students with the opportunity to: participate in clinical affiliations; enhance knowledge, values, and skills as a practitioner; and integrate and apply all what he/she had learned from previous courses and labs in the clinical setting.

Couse ID: 2305041121 **Description:** Introduction to Physiotherapy

Full Course Description: This course introduces and defines the physical therapy profession to the students in terms of history, areas of practice, roles, and general theoretical base of practice. In addition, this course explains the roles of physiotherapist in practicing teaching, research , medical consultation, community practice, and treatment in acute and outpatient settings.

Couse ID: 2305041211 **Description:** Musculoskeletal Anatomy

Full Course Description: This course provides the students with detailed explanation of the musculoskeletal systems anatomy of both upper and lower extremities and trunk with emphasis on the origin and insertion, function, innervation and vascular supply for each muscle, In addition, this course introduces the principles of functions of the muscular and skeletal systems as they pertain to the physical therapy profession.

Couse ID: 2305041212 **Description:** Musculoskeletal Anatomy / Practical

Full Course Description: This lab provides the students with practical knowledge of human dissectional anatomy of bones, joints and muscles for upper and lower extremities, and facial musculature and their vascularization and innervations on anatomical models

Couse ID: 2305041213 **Description:** Neuroanatomy

Full Course Description: This course provides the student with knowledge of human neuroanatomy and the principles of regulation of functions of the central, peripheral, and autonomic nervous systems and their relationship to the muscular system as they pertain to the physical therapy profession. The detailed and specific anatomical structures of the brain, mid brain, spinal cord and peripheral nerves are presented. also, special sensory pathways will be included in this class. Anatomical models and specimens complement didactic classroom activities.

Couse ID: 2305041214 **Description:** Exercise Physiology

Full Course Description:

Courses Description

College: Applied Medical Sciences

Department: Physical Therapy

Couse ID: 2305041221 **Description:** Kinesiology

Full Course Description: This course provides the students with knowledge of normal and abnormal human motion, including gait and posture. It also provides a micro analysis (anatomical inclusion) of motion and movement as well as it introduces a macrophysiological, biomechanical, and ergonomics principles of applied to static and dynamic motion and movement. Once developed, basic concepts are applied, the students will be able to analyze and determine the impaired movement or posture and learn how to correct these impairment. Also, this course will cover the principles of forces, victors, human being normal and abnormal gait analysis and provides the students with knowledge of joint anatomy and motion.

Couse ID: 2305041222 **Description:** Kinesiology / Practical

Full Course Description: This lab is an adjunct to the theoretical part and includes the practical application of theoretical concepts of body mechanics during the activities of the daily livings (ADLs) such as walking, standing, praying with or without walking or movement aids (eg. Walker, wheel chairs, crutches, splints...etc.) . also, student will learn how to apply these principles during patient transferring . Methods of instruction in the lab include using anatomical models, live application of analysis of movement on volunteer students and the use of available instructional aids, And also includes knowledge of the muscles and joints functions through a system of levers and physical laws, also includes a detailed explanation of the process of normal and abnormal gait, and also includes the knowledge of balance, center of gravity and mechanical methods to maintain the balance of the body.

Couse ID: 2305041223 **Description:** Musculoskeletal Evaluation

Full Course Description: This course introduces the methods of assessments of musculoskeletal system in physical therapy including muscle strength and range of motion using standardized methods. Also, the course will explain the muscles and joints status during normal gait or movements and the course will be enriched with examples and comparison with pathological condition that might face therapist in real life situation that related to muscles strength or joints range. This course will expose the student to the initial evaluation process including subjective and objective components and preparation of treatment plan in relation to musculoskeletal problems.

Couse ID: 2305041224 **Description:** Musculoskeletal Evaluation / Practical

Full Course Description: This course emphasis the content of the theoretical course. During this lab the students will have hands on training of the manual skills needed for muscle strength and ROM assessment of the upper and lower limbs and neck and trunk. Practically, the student will be trained to perform the subjective evaluation of muscle strength and joint range of motion and analyze the effects of existed impairment on normal movements or gait using videos and volunteers.

Couse ID: 2305041225 **Description:** Therapeutic Exercises

Full Course Description: This course enhance students' knowledge and enables them to analyze the underlying principles of therapeutic exercise. It introduces motor training or retraining; flexibility; strength, including active, assistive, active resistive, manual resistive, plyometrics; breathing exercises, including ventilatory muscle training; aerobic capacity/endurance conditioning activities, using cycles, treadmills, steppers; aquatic exercises; posture; relaxation exercises; and conditioning and reconditioning. The course also includes all types of exercise equipment, including free weights, weight training machines, elastic bands and tubes, stability balls, medicine balls, and slide boards. The course provides the students with basic knowledge of the physiological principles for understanding the response of the human body to exercise and their implications in physical therapy intervention, this includes specific response of pulmonary, cardiovascular, musculoskeletal, neuromuscular, and metabolic systems to exercise. Also, the course will enable the students to provide exercise/programs for patients/clients across the lifespan.

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Couse ID: 2305041226 **Description:** Therapeutic Exercise / Practical

Full Course Description: This lab includes the practical application of different therapeutic exercises discussed in the theoretical part) and their indications and contraindications of all body muscles. Also, this lab will include the procedure of applying passive, active and resistive exercises. Emphasis will also be placed on basic active exercise techniques related to muscle performance (including strength, power, and endurance) and stretching/flexibility activities. Case-based instruction, evidence-based practice and clinical reasoning are emphasized.

Couse ID: 2305041227 **Description:** Electrophysical Agents

Full Course Description: Lab will include hands on training on the proper way of applying physical therapy modalities on different body parts and their indication and contraindication. Laboratory sessions will provide instruction and training in the application of electrical and acoustic agents for the management of pain, dysfunction, impaired muscle performance, range of motion limitations, and the delivery of medications. Emphasis will also be placed on the fundamentals of aseptic techniques, infection control, and standard precautions in clinical practice. A problem solving approach with an emphasis on evidence based practice will be utilized throughout this lab.

Couse ID: 2305041228 **Description:** Electrophysical Agents / Practical

Full Course Description: Lab will include hands on training on the proper way of applying physical therapy modalities on different body parts and their indication and contraindication. Laboratory sessions will provide instruction and training in the application of electrical and acoustic agents for the management of pain, dysfunction, impaired muscle performance, range of motion limitations, and the delivery of medications. Emphasis will also be placed on the fundamentals of aseptic techniques, infection control, and standard precautions in clinical practice. A problem solving approach with an emphasis on evidence based practice will be utilized throughout this lab.

Couse ID: 2305041241 **Description:** Neuromuscular Development

Full Course Description: This course introduces normal development of neuromuscular system from embryo to adulthood. Several aspects of neuromuscular development will be discussed including gross and fine motor development, skills related to neuromuscular development including grasping, walking, mobility, hand functions and others. The normal development of gross motor skills will be contrasted with the abnormal development that occurs in the presence of various conditions and pathologies throughout the lifespan will also be introduced.

Couse ID: 2305041321 **Description:** Manual Therapy

Full Course Description: This course provides the students with an in-depth understanding of commonly used manual techniques to modulate pain, increase joint range of motion, reduce soft tissue inflammation, induce relaxation, improve contractile and noncontractile tissue extensibility, and improve musculoskeletal system function. The manual techniques include soft tissues mobilization, therapeutic massage, nerve mobilization, joints mobilization, and manipulation, also this course provides knowledge of advance skills in physical therapy to use it with patients in the future.

Couse ID: 2305041322 **Description:** Manual Therapy / Practical

Full Course Description: This lab is offered in conjunction with the theoretical course and includes hands on training on the manual techniques used in physical therapy treatment, which includes soft tissues mobilization, therapeutic massage, nerve mobilization, joints mobilization, and manipulation. The training in this lab includes case analysis, EBP, and the application of different manual therapy methods on joints, and soft tissues of the body and its indications and contraindications .

Courses Description

College: Applied Medical Sciences

Department: Physical Therapy

Couse ID: 2305041331 **Description:** Musculoskeletal Injury and Pathology

Full Course Description: This course focuses on the assessment, evaluation and treatment of underlying pathological musculoskeletal injuries. During the course the students will be introduced to the etiology, pathology, and clinical sciences of muscular and skeletal diseases, disorders, injuries, clinical/laboratory assessment techniques. Additional information on medical management, surgical management, physical therapy management, imaging techniques, and pharmacological interventions will be introduced.

Couse ID: 2305041332 **Description:** Orthotics and Prosthetics in Rehabilitation

Full Course Description: This course introduces assistive technology used in rehabilitation, particularly those require physical therapist attention and interventions. The discussion includes an in-depth review of the principles and practices of orthotics and prosthetics as applied by a physical therapist and analyze their use during ADL. This includes a survey of the basic biomechanical principles utilized in applying orthotic and prosthetic appliances, as well as principles of patient application, training, and management of complications.

Couse ID: 2305041333 **Description:** Physiotherapy for Musculoskeletal Conditions

Full Course Description: This course introduce the students to physical therapy process for patients suffering musculoskeletal conditions starting from thorough assessment, identifying problems, setting goals, creating therapeutic plan, implementing the care plan, and evaluating the outcomes. During the this course several methodology to examine and reexamine a patient or client with musculoskeletal problems will be introduced. Methods include chart review, obtaining a patient's history from the patient or client (by performing relevant systems review, and by selecting appropriate age-related tests and measures) , physical examination, family and significant others interview, cross disciplinary communication and from other relevant sources. By the end of this course the students are expected to be able to synthesize examination data to complete the physical therapy evaluation and engage in the diagnostic process. Student will be able to describe the appropriate treatment, and physical therapy managements taking into consideration the physiological aspects. Treatment of acute conditions, low back pain and patients education at home or at work to protect themselves from posture-related injures. Also the student be able to distinguish between malignant and benign tumors.

Couse ID: 2305041334 **Description:** Physiotherapy for Musculoskeletal Conditions / Practical

Full Course Description: During this lab hands on training on assessment and treatment of individuals suffering from musculoskeletal conditions will be performed. The students will practice different techniques and methods in assessing and treating several acute conditions such as shoulder, knee and chronic low back pain conditions, especially the vertebral column. several application of physical therapy process in musculoskeletal condition will be discussed including ergonomics at work to protect patients from work related injures.

Couse ID: 2305041335 **Description:** Physiotherapy for Sports Injuries

Full Course Description:

Couse ID: 2305041341 **Description:** Neuroscience

Full Course Description: This course introduce the students to neuropathology and the role of physical therapist in treating these conditions. This course starts with explaining physiology of neurons: neuro-transmitters, chemical changes and their possible roles in diseases affecting nervous system and body functions. Then medical diagnosis of acute and chronic neuro-diseases introduced, in conjunction with medical as well as physical therapy treatment of clinical cases.

Couse ID: 2305041342 **Description:** Neuroscience / Practical

Full Course Description: This practical part includes training the students on examining different neurodiseases by using neurological examination tests. it also includes practical training on the assessment of neurological disorders through the neurological examinations of cranial nerves, mental status, coordination, muscle strength, sensation and gait evaluation.

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Department: Physical Therapy

Couse ID: 2305041343 **Description:** Physiotherapy for Neurological Conditions

Full Course Description: This course introduce the students to physical therapy process for patients suffering neurological conditions, starting from thorough assessment, identifying problems, setting goals, creating therapeutic plan, implementing the care plan, and evaluating the outcomes. this course introduces methods to establish a safe and effective plan of care; setting goals and functional outcomes that specify expected times and duration; planning achievable patient outcomes within available resources; and means of monitoring and adjusting the plan of care in response to patient status for patients with neurological diseases, disorders, or conditions. This course will introduce methods of physical therapy interventions to achieve patient outcomes based on the examination and the impairments, functional limitations, and disabilities; promoting optimal health by providing information on prevention, wellness, and fitness; identifying health risks related to age, gender, culture, and lifestyle; and providing primary, secondary, or tertiary care to patients in collaboration with other practitioners in settings supportive of comprehensive and complex services.

Couse ID: 2305041344 **Description:** Physiotherapy for Neurological Conditions / Practical

Full Course Description: During this lab a hand on training will be conducted to enable the students to perform physical therapy process for patient with neurological conditions following the theoretical course guidelines. The lab activities include the practice and applications of the theoretical course material, and the application of rehabilitation approaches on particular neurological conditions.

Couse ID: 2305041351 **Description:** Physiotherapy for Cardiopulmonary Conditions

Full Course Description: This course is designed to introduce a review of normal cardiopulmonary physiology and the response of this system to exercise and disease. It will enables the student to independently examine and reexamine a patient with cardiovascular and pulmonary problems by obtaining a pertinent history and performing relevant systems review. The student will be able to synthesize examination data to complete the physical therapy evaluation and to establish a safe and effective plan of care; goals and functional outcomes that specify expected times and duration; achievable patient or client outcomes within available resources; and means of monitoring and adjusting the plan of care in response to patient/client status for patients with cardiovascular/pulmonary diseases, disorders, or conditions. The course also enables the student to: provide direct physical therapy interventions to achieve patient outcomes based on the examination and the impairments, functional limitations, and disabilities; promote optimal health by providing information on prevention, wellness, and fitness; know the health risks related to age, gender, culture, and lifestyle.

Couse ID: 2305041352 **Description:** Physiotherapy for Cardiopulmonary Conditions / Practical

Full Course Description: The purpose of the lab is to assist physical therapy students in developing requisite entry-level cardiopulmonary examination and treatment skills. Activities to be covered include: pulse palpation, blood pressure assessment, auscultation of heart and breath sounds, basic EKG interpretation, diagnostic and functional exercise testing, interpretation of lab values, and airway clearance techniques The practical part includes the application of different therapeutic methods, therapeutic exercises and assistive devices for burned and general surgery patients. Evaluate musculoskeletal problems facing women during pregnancy and after delivery and state suggestive treatments.

Couse ID: 2305041353 **Description:** Physiotherapy for Specialized Body Systems

Full Course Description: This course will include the evaluation and the rehabilitation of different body systems disorders such as integumentary system (e.g burn and wound), disorder of peripheral vascular system including diseases that affects arteries (e.g arthrosclerosis, phelipitis), veins (eg varicose vein) or lymphatic system (eg Lymphedema), gynecology (pregnancy and delivery), metabolic and endocrinology disorders.

Couse ID: 2305041354 **Description:** Physiotherapy for Wounds and Burns

Full Course Description:

Courses Description

College: Applied Medical Sciences

Department: Physical Therapy

Couse ID: 2305041361 **Description:** Pediatric Physiotherapy

Full Course Description: This course introduces pediatric condition pertaining to physical therapy practice, the examination and treatment of the pediatric population using an interprofessional approach. The etiology and clinical features of common diseases/ disorders observed in the pediatric population will be discussed. Methods for examination, goal setting, intervention and expected outcomes will be explained. Students will participate in interdisciplinary case studies and an interdisciplinary evaluation project.

Couse ID: 2305041362 **Description:** Pediatric Physiotherapy / Practical

Full Course Description:

Couse ID: 2305041422 **Description:** Management and Leadership in Physiotherapy

Full Course Description:

Couse ID: 2305041423 **Description:** Research Methods and Evidence in Rehabilitation

Full Course Description: This course introduces the scientific methods of inquiry used in research, their meaning and application in rehabilitation practice. The discussion introduces the historical and philosophical underpinnings of the research methods, types, and how to start a research proposal. In addition to that, research process will be introduced starting from identifying need for research (research problem), sampling design, collecting data, data analysis, and writing a research report techniques will be introduced. Skill to read and critique qualitative and quantitive research report will be introduced to the students. The students are required to submit a proposal on a topic of their selection (each student will submit one proposal of his /her own) that include formulation of research problems, hypothesis testing, literature review, research methodologies, techniques of data collection, sampling, instrumentation (including validity and reliability issues discussion), design, analysis of data, Computer application to statistics, and issues concerning reliability and validity .

Couse ID: 2305041424 **Description:** Research in Physiotherapy

Full Course Description: The purpose of this course is to provide the students with a life research experience. During this course the students will work with faculty members on a research project, giving the students the opportunity to actively participate with faculty members in innovative research experiences. This course is expected to bridge the gab between theoretical presentation of research course given earlier to the students and the real application of a research project that will allow them to better relate the scientific method of discovery to clinical practice. Each student will work with his/her faculty mentor on aspects of a project of mutual interest.

Couse ID: 2305041441 **Description:** Physiotherapy for Chronic Pain

Full Course Description: This course introduces the physiology of acute and chronic pain and their impacts on patients function and introduces physical therapy evaluation and managements of the chronic pain. Several conditions that result in and from pain including chronic disease, disordered and injuries such as rheumatic disease, fibromyalgia and the victims of torturing will be discussed. Pathophysiology and etiology of these diseases will also be included.

Couse ID: 2305041442 **Description:** Psychosocial Aspects of Physiotherapy

Full Course Description: This course introduces the general as well as specific psychological and social aspects affecting patients with physical disabilities or other diseases. It also explains methods on how to deal with patients suffering psychological issues during physical therapy treatment. This course emphasizes the importance of rehabilitation of these patients taking into consideration, family, educational and personality and illness factors.

Couse ID: 2305041451 **Description:** Intensive Care and Therapeutics

Full Course Description:

Courses Description

College: Applied Medical Sciences

Department: Physical Therapy

Couse ID: 2305041461 **Description:** Physiotherapy for Older People

Full Course Description: This course introduces physical, social and psychological changes encounter elderly. It also discuss the arousal of age-related changes, psychosocial characteristics and special needs of the elder. Students will also be introduced to methods of assessment and physical therapy treatment plan preparation and interventions for the problems of elder individuals. Assessment of and consideration of, the continuum of services available for this population will be discussed. Adaptations of evaluation and treatment methods for elder population are also discussed.

Couse ID: 2305041471 **Description:** Physiotherapy Clinical Practice (1)

Full Course Description: This training course is designed to enrich students' clinical experience through observation and hands on training and application of physical therapy process in clinical setting. This course is divided into two parts; observation and clinical treatment participation. The observation part include observation of a master clinician for the purpose of observing excellent clinical performance skills (cardiovascular/pulmonary, neurology, pediatric and musculoskeletal) of an experienced physical therapist in a specialized clinical setting. the clinical participation part include hands on training during which the student is responsible for conducting physical therapy therapeutic care plan on selected patients with the help of clinical instructor or preceptor. The student will participate in clinical evaluation and treatment; enhance knowledge, values, and skills as a practitioner; and integrate and apply course work in the clinical setting.

Couse ID: 2305041472 **Description:** Physiotherapy Clinical Practice (2)

Full Course Description: This training course is designed to enrich students' clinical experience through observation and hands on training and application of physical therapy process in clinical setting. This course is divided into two parts; observation and clinical treatment participation. The observation part include observation of a master clinician for the purpose of observing excellent clinical performance skills (cardiovascular/pulmonary, neurology, pediatric and musculoskeletal) of an experienced physical therapist in a specialized clinical setting. the clinical participation part include hands on training during which the student is responsible for conducting physical therapy therapeutic care plan on selected patients with the help of clinical instructor or preceptor. The student will participate in clinical evaluation and treatment; enhance knowledge, values, and skills as a practitioner; and integrate and apply course work in the clinical setting.

Couse ID: 2305041473 **Description:** Physiotherapy Clinical Practice (3)

Full Course Description: This training course is designed to enrich students' clinical experience through observation and hands on training and application of physical therapy process in clinical setting. This course is divided into two parts; observation and clinical treatment participation. The observation part include observation of a master clinician for the purpose of observing excellent clinical performance skills (cardiovascular/pulmonary, neurology, pediatric and musculoskeletal) of an experienced physical therapist in a specialized clinical setting. the clinical participation part include hands on training during which the student is responsible for conducting physical therapy therapeutic care plan on selected patients with the help of clinical instructor or preceptor. The student will participate in clinical evaluation and treatment; enhance knowledge, values, and skills as a practitioner; and integrate and apply course work in the clinical setting.

Couse ID: 2305041474 **Description:** Special Topics in Physiotherapy

Full Course Description: