Princess Nourah bint Abdulrahman University (048)



الْمَمْلَكَ قَالْعَرَبِيَّةُ السُّعُودِيَّةِ وِزَارَةُ التَّعْلِيمُ جَامِعَةُ الأَمِيْرَةُ نُورَةٍ بِنْتَ عَبْدُ الرَّحْنَ (٥٤٨)

نموذج توصيف المقررات على موقع الجامعة

كلية :الصحة وعلوم التأهيل

قسم: علوم التأهيل

برنامج: علاج طبيعي

T / 1 / / 1 ! 1 !	2 11 1
Introduction to biomechanics	اسم المقرر
	(Course title)
HPT212	رمز المقرر
	(Course code)
2	عدد الوحدات المعتمدة
	(Credit hours)
English	اللغة
	(Medium of instruction)
	توصيف مختصر للمقرر
This course is providing introduction to biomechanics of	(Course description)
movement either human movements and any material motion	
based on physics and mathematical laws that identify	
relationship with skeleton and musculoskeletal motion.	
Introduction to physical therapy	اسم المقرر
	(Course title)
HPT 213	رمز المقرر
	(Course code)
1	عدد الوحدات المعتمدة
	(Credit hours)
English	اللغة
	(Medium of instruction)
This course provides an explanation of the philosophy and	توصيف مختصر للمقرر
history of the physical therapy profession and its relationship	(Course description)
to other health care agencies and providers. This course	<u> </u>
provides a good idea about different physical therapy	
specialties with respect to examination and methods of	
treatment. Princess Nourah bint Abdulrahma	er 4, ,
Tests and measurement 1	اسم المقرر
	(Course title)
HPT 214	رمز المقرر

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الْمَمْلَكَ قَالَعَ بِيَّةَ السُّعُودِيَّة وِزَارَة التَّعْلِيمُ جَامِعَة الأَمِيرَة نُورَة بِنْتَ عَبْدُ الرَّحْنَ جَامِعَة الأَمِيرَة نُورَة بِنْتَ عَبْدُ الرَّحْنَ

	(Course code)
3	عدد الوحدات المعتمدة
	(Credit hours)
English	اللغة
	(Medium of instruction)
	توصيف مختصر للمقرر
The purpose of this course is to appraise the importance and practical benefits of test and measurements. Demonstrate how to prepare environment, equipment and patient for evaluation procedures. Have the ability to conduct gross and individual muscle testing. Classify and identify different grades of muscle evaluation. Apply different techniques of muscle testing with respect to both therapist and patient mechanical advantage. Show professional behavior and attitude.	(Course description)
HUMAN ANATOMY	اسم المقرر
	(Course title)
HPT 215	رمز المقرر
	(Course code)
3	عدد الوحدات المعتمدة
	(Credit hours)
English	اللغة
	(Medium of instruction)
	توصيف مختصر للمقرر
The course introduces an overview that covers anatomical regions in greater depth. Topics include: the skeletal system, and the muscular system, . More focus on joints and muscles of the upper and lower limbs (their origins, insertions, nerve supplies and actions)	(Course description)
Human Physiology	اسم المقرر
	(Course title)
HPT 216	رمز المقرر
	(Course code)
3 Princess Nourah bint Abdulrahma	عدد الوحدات المعتمدة (Credit hours)
	اللغة
English	(Medium of instruction)

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This course is concerned with the study of the function of different body systems and its clinical applications in physical therapy. It includes the study of blood, circulation, respiration, regulation of water and electrolyte balance, digestion and absorption of food, musculoskeletal and nervous systems. It is also include the study of different pathological diseases that disturb normal physical function activity.	توصيف مختصر للمقرر (Course description)
Electrotherapy	اسم المقرر
	(Course title)
HPT 217	رمز المقرر
	(Course code)
2	عدد الوحدات المعتمدة
	(Credit hours)
English	اللغة
	(Medium of instruction)
This course deals with the physical principles associated with	توصيف مختصر للمقرر
electricity and methods used in physical therapy. The course contains detailed on types of electrical currents used to raise electrical nerve, muscle and physiological effects an therapeutic uses in addition to the risks and preventive measures to be used, and students are trained on the how to use electrical appliances for each type of electric waves used in the treatment such as interferential, faradic and galvanic currents	(Course description)
NEUROANATOMY	اسم المقرر
	(Course title)
HPT 221	رمز المقرر
	(Course code)
*	عدد الوحدات المعتمدة
	(Credit hours)
English Upahi are rm alba are:	اللغة (Medium of instruction)
The course includes the general layout of the nervous system,	توصيف مختصر للمقرر
and a detailed study of anatomy of the brain and spinal cord	(Course description)
include: different parts of brain and spinal cord, the ascending and descending tracts, the distribution of the	

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cranial and spinal nerves, the vascular supply to the central nervous system and the cerebrospinal fluid.	
nervous system and the cerebrospinal nuid.	
Neurophysiology	اسم المقرر
	(Course title)
HPT 222	رمز المقرر
	(Course code)
3	عدد الوحدات المعتمدة
	(Credit hours)
	اللغة
English	(Medium of instruction)
	توصيف مختصر للمقرر
This course introduces the function of the nervous system	(Course description)
including the spinal cord, cerebellum, peripheral nerves, the	
brain, midbrain, medulla oblongata, cerebral cortex and the somatic receptors, pain physiology, neural tracts and lesions,	
plasticity, physiology of reflexes, vestibular system and basal	
ganglia	
Pathophysiology	اسم المقرر
	(Course title)
HPT 223	رمز المقرر
	(Course code)
3	عدد الوحدات المعتمدة
	(Credit hours)
English	اللغة
	(Medium of instruction)
	توصيف مختصر للمقرر
The course studies the biological processes that lead to a	(Course description)
disease and other forms of diseases, and harmful distortions,	
and disabilities. The course also studies the functional changes that occur in cells and tissues and organs at the onset of	
disease.	
, , , , , , , , , , , , , , , , , , ,	
Test and Measurements (2)	اسم المقرر
	(Course title)
HPT 224	رمز المقرر
	(Course code)
	(Course code)

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2	عدد الوحدات المعتمدة
	(Credit hours)
English	اللغة
	(Medium of instruction)
The purpose of this course is to appraise the importance and	توصيف مختصر للمقرر
practical benefits of different tests and measurements	(Course description)
techniques, demonstrate how to prepare environment,	
equipment and patient for evaluation procedures, and how to	
apply different techniques of muscle testing with respect to	
both therapist and patient mechanical advantage	
Basic life support techniques	اسم المقرر
	(Course title)
HRS 114	رمز المقرر
	(Course code)
3	عدد الوحدات المعتمدة
	(Credit hours)
English	اللغة
	(Medium of instruction)
	توصيف مختصر للمقرر
The course is lectures and practices which develops the	(Course description)
student's knowledge and performances on the basic concepts	
first aid and cardiopulmonary resuscitation. The student will	
also be learning how to assess and deal with emergencies such as unconscious client, bleeding, fractures, shock, chocking,	
diabetic coma ,bronchial asthma attack, poisoning, stroke, and	
cardiac attacks.	
Therapeutic Exercises 1	اسم المقرر
	(Course title)
HPT 332	رمز المقرر
	(Course code)
3	عدد الوحدات المعتمدة
0 3	(Credit hours)
English Princess Nourah bint Abdulrahma	اللغة
I INDOOR PROBLEM IN A STANISH IN	(Medium of instruction)
This course include an introduction to the theory and	توصيف مختصر للمقرر
scientific principles of basic exercise techniques related to	(Course description)

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muscle performance (including strength, power, and	
endurance) and stretching/flexibility activities used in	
rehabilitation for patient with musculoskeletal or	
neuromuscular dysfunction.	
Human Biomechanics	اسم المقرر
	(Course title)
HPT333	رمز المقرر
	(Course code)
3	عدد الوحدات المعتمدة
	(Credit hours)
English	اللغة
	(Medium of instruction)
	توصيف مختصر للمقرر
This course is teaching biomechanics of human movement	(Course description)
based on physics and mathematical laws that identify	•
relationship with skeleton and musculoskeletal motion. To	
analyze, compare, study, judge, contrast, and find results of	
natural and pathomechanics in joints and muscles. It leads	
students to observe and find out the description and the cause of abnormal movements in human body motion.	
of abnormal movements in numan body motion.	
Psychosocial Aspects of Health and Disease	اسم المقرر
2 Sy 022 000 01 22 000 01 22 000 00	(Course title)
HPT 334	رمز المقرر
	(Course code)
2	عدد الوحدات المعتمدة
	(Credit hours)
English	اللغة
English	(Medium of instruction)
This course will introduce to the students basic concept of	توصيف مختصر للمقرر
health and disease and behavior theories which related to the	(Course description)
field of health and disease by enhancing students	(Course description)
understanding regarding emotional reactions to disability, and	
psychosocial aspects of disability as they relate to patient-	
physical therapist interaction; specific problems of the angry,	
non-compliant, or chronic pain patient and complementary	
roles of other health professionals	

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الْمَمْلَكَ قَالَعَ بِيَّةَ السُّعُودِيَّة وِزَارَة التَّعْلِيمُ جَامِعَة الأَمِيرَة نُورَة بِنْتَ عَبْدُ الرَّحْنَ جَامِعَة الأَمِيرَة نُورَة بِنْتَ عَبْدُ الرَّحْنَ

Electrotherapy and Hydrotherapy	اسم المقرر
	(Course title)
HPT 315	رمز المقرر
	(Course code)
3	عدد الوحدات المعتمدة
	(Credit hours)
English	اللغة
	(Medium of instruction)
The course is designed to provide the students the ability to	توصيف مختصر للمقرر
apply electrotherapy stimulation and hydrotherapy	(Course description)
applications as therapeutic modalities in different situations	-
according to patient's problem with understanding to the	
nature, indications and contra- indications of electrical stimulating currents and electrical waves.	
stimulating currents and electrical waves.	
Clinical Pharmacology for Physiotherapist	اسم المقرر
	(Course title)
HPT 316	رمز المقرر
	(Course code)
2	عدد الوحدات المعتمدة
	(Credit hours)
English	اللغة
	(Medium of instruction)
The course will cover the basic general pharmacological	توصيف مختصر للمقرر
principles. The clinical uses and physiological effect of drug in	(Course description)
body systems; the common drugs, its mechanism of action	
effects, side-effects and different doses used for the patients	
that can be indicated in treatment of cardiovascular,	
respiratory and nervous systems disorders.	
Cardiopulmonary Physical Therapy	اسم المقرر
inaul arcijinginigun	(Course title)
HPT 331	رمز المقرر
Dring group May group Jaint, Alachylachung e	(Course code)
3 FILICOS POUTAN DITT ADQUITATION	عدد الوحدات المعتمدة
	(Credit hours)
English	اللغة
	(Medium of instruction)

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	توصيف مختصر للمقرر
The course will familiarize Physical Therapy students with basic knowledge in anatomy, physiology, common diseases/ conditions involving cardiac and pulmonary systems, as well as the various types of interventions for treatment. There will be an emphasis on providing appropriate physical therapy examination, evaluation, interventions, prognosis, and outcomes for patients with cardiopulmonary disease.	(Course description)
Therapeutic Exercises 2	اسم المقرر (Course title)
HPT 335	رمز المقرر (Course code)
3	عدد الوحدات المعتمدة (Credit hours)
English	اللغة (Medium of instruction)
This course include prescription and application of different	توصيف مختصر للمقرر
types of exercise employed by physical therapists for the	(Course description)
promotion, maintenance, and restoration of optimal health	
and physical function also case based instruction, evidence-	
based practice and clinical reasoning are emphasized	
Physical Therapy for Burn and Surgery	اسم المقرر (Course title)
	رمز المقرر
HPT 323	(Course code)
3	عدد الوحدات المعتمدة
	(Credit hours)
English	اللغة
	(Medium of instruction)
	توصيف مختصر للمقرر
The course focuses on burn causes and the accompanied	(Course description)
pathophysiological changes. It provide the students with the	
suitable tools for a proper evaluative procedure (s) to the patient and to Identify indications and contra-indication of	
every current modality in physiotherapy. It also focus on the	
management of some post-operative cases.	

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Physical Therapy for Neurological Disorders	اسم المقرر
Thysical Therapy for recurological Disorders	(Course title)
HPT 324	رمز المقرر
111 1 021	(Course code)
3	عدد الوحدات المعتمدة
	(Credit hours)
English	اللغة
	(Medium of instruction)
	توصيف مختصر للمقرر
	(Course description)
this course develop a clear understanding of the etiology,	
pathology, prognosis and clinical feature of the most common neurological diseases affecting adult people and gives the	
basic and traditional physical therapy assessment and	
treatment for the most common neurological disorders.	
	, #. ti (
Physical Therapy in Pediatrics	اسم المقرر
	(Course title) رمز المقرر
HPT 325	
	(Course code) عدد الوحدات المعتمدة
3	(Credit hours)
	(اللغة
ENGLISH	(Medium of instruction)
	توصيف مختصر للمقرر
The course provide the student with the different pediatric	(Course description)
diseases and develop skills about the use of physiotherapy	, · · · · · · · · · · · · · · · · · · ·
methods used in evaluation and treatment of different	
pediatric diseases. Also it concern with the creation of therapeutic programs used in treatment.	
therapeutic programs used in treatment.	
Musculoskeletal System Evaluation	اسم المقرر
:میره بوله نیب عبد بلاهی	(Course title)
HPT 411	رمز المقرر
Princess Nourah bint Abdulrahma	(Course code)
2	عدد الوحدات المعتمدة
	(Credit hours)
English	اللغة

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	(Medium of instruction)
This course outlines the concepts of the basic principles of musculoskeletal examination to select the proper test for each case and use the appropriate equipment needed to perform proper case evaluation and management.	توصيف مختصر للمقرر (Course description)
Research in Physical Therapy – 1	اسم المقرر (Course title)
HPT 412	رمز المقرر (Course code)
2	عدد الوحدات المعتمدة (Credit hours)
English	اللغة (Medium of instruction)
The course focus on normal structural and functional basis of the scientific research, methods of research, as well as validity and reliability measurements. It Provides the student the needed information of the basic principles and purpose of research, Supply the student with the basic research tools and help the student selecting suitable research designs and methods	توصيف مختصر للمقرر (Course description)
Clinical Neurology	اسم المقرر (Course title)
HPT 413	رمز المقرر (Course code)
2	عدد الوحدات المعتمدة (Credit hours)
English Land Jan	اللغة (Medium of instruction)
The course aims in applying modern clinical therapeutic physical therapy modalities in treatment of neurological diseases and its surgery. The principles and clinical therapeutic skills in treatment of patients in hospital.	توصيف مختصر للمقرر (Course description)

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الْمَمْلَكَ قَالَعَ بِيَّةَ السُّعُودِيَّة وِزَارَة التَّعْلِيمُ جَامِعَة الأَمِيرَة نُورَة بِنْتَ عَبْدُ الرَّحْنَ جَامِعَة الأَمِيرَة نُورَة بِنْتَ عَبْدُ الرَّحْنَ

Traumatology	اسم المقرر
	(Course title)
HPT-414	رمز المقرر
	(Course code)
3	عدد الوحدات المعتمدة
	(Credit hours)
English	اللغة
	(Medium of instruction)
	توصيف مختصر للمقرر
This course is designed to give knowledge and explanation of	(Course description)
trauma affecting the musculoskeletal system and joint	
injuries. The course also covers the types of fractures and dislocation, and the treatment methods.	
distocation, and the treatment methods.	
Clinical Duration in Dedictories	اسم المقرر
Clinical Practice in Pediatrics	(Course title)
HPT 415	رمز المقرر
HF1 415	(Course code)
3	عدد الوحدات المعتمدة
3	(Credit hours)
ENGLISH	اللغة
ENGLISH	(Medium of instruction)
	توصيف مختصر للمقرر
The course aims in applying modern clinical therapeutic	(Course description)
physical therapy modalities in treatment of pediatric patients	
and its surgery. The principles and clinical therapeutic skills in treatment of patients with different developmental	
disorders; Cerebral palsy, high risk infants, prematurity,	
Genetic disorders, autism, brachial plexus lesions,	
myopathies, peripheral neuropathies, facial nerve lesions,	
osteogenesis imperfect and congenital orthopedic disorders in	
osteogenesis imperfect and congenital orthopedic disorders in children as well as other pediatric patients in hospital	
	اسم المقرر
children as well as other pediatric patients in hospital	اسم المقرر (Course title)
children as well as other pediatric patients in hospital Diagnostic Imaging for physiotherapist	'
children as well as other pediatric patients in hospital Diagnostic Imaging for physiotherapist	(Course title)

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الْمَمْلَكَ قَالْعَرَبِيَّةَ السُّعُودِيَّة وِزَارَةَ التَّعْلِيمُ جَامِعَةَ الأَمِيْرَةَ نُورَةٍ بِنْتَ عَبْدُ الرَّحْنَ جَامِعَةَ الأَمِيْرَةَ نُورَةٍ بِنْتَ عَبْدُ الرَّحْنَ

	(Credit hours)
English	اللغة
	(Medium of instruction)
	توصيف مختصر للمقرر
This course covers gross anatomy, cross sectional anatomy and imaging with USG, X-Ray, CT Scan, MRI and Functional Imaging with Nuclear Medicine scans principles in the imaging of all normal and abnormal body organs in adults and children. Main focus of the subject was on CT, X-Ray, MRI and USG of chest, Abdomen, Upper limb, Lower limb and Spine. It was explained with the help of theory and Normal and Abnormal Images of CT Scan, USG, X-Ray, MRI and Nuclear Medicine Scans. Advanced imaging techniques and critical thinking skills are developed through correlation of clinical history with imaging modalities	(Course description)
Prosthetics and Orthotics	اسم المقرر
	(Course title)
HPT-417	رمز المقرر
	(Course code)
2	عدد الوحدات المعتمدة
	(Credit hours)
English	اللغة
	(Medium of instruction)
This course introduce the mechanical principles of orthotics	توصيف مختصر للمقرر
and prosthetics and describe different types of orthoses for	(Course description)
upper and lower limb in addition to spinal orthoses and upper	1 /
and lower extremities prosthesis. Indications, uses and	
functions of orthotics and prosthetics are explained to allow	
student to be able to select and prescribe appropriate device	
according to patient case and plan a physical therapy program	
for the device good use.	
Physical Thorany for Woman's Health	اسم المقرر
Physical Therapy for Women's Health	'
TIPIT 484	(Course title)
HPT 451	رمز المقرر (Course code)
2	عدد الوحدات المعتمدة
	(Credit hours)
	(Create flours)

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English	اللغة
	(Medium of instruction)
	توصيف مختصر للمقرر
This course Provides the student with knowledge and skills in	(Course description)
the field of obstetrics and gynecology. The course contains	
details on different cases of obstetrics and gynecology in the	
field of woman's health in addition to the how to manage	
different cases as a physical therapist.	
Physical Therapy for Orthopedic and Rheumatology	اسم المقرر
	(Course title)
HPT 433	رمز المقرر
	(Course code)
3	عدد الوحدات المعتمدة
	(Credit hours)
English	اللغة
	(Medium of instruction)
	توصيف مختصر للمقرر
This course allows the student to assess patient, make a	(Course description)
clinical judgment and plan for managing patient problems	
arising from different orthopedic conditions affecting the different region of the body including the spine, hip, knee,	
ankle, shoulder, elbow and wrist and hand.	
The course provides the student with knowledges about	
causes, clinical manifestation and pathological changes.	
Research in physical therapy 2	اسم المقرر
Acstarch in physical therapy 2	(Course title)
HPT434	رمز المقرر
111 1434	(Course code)
2	عدد الوحدات المعتمدة
أعادة المعال عاجاتان فالما	(Credit hours)
English	اللغة
Princess Mourah hint Abdulrahma	(Medium of instruction)
FIRE CESS PROURE FOR ADDUCTION	توصيف مختصر للمقرر
The course provides illustration of the structural and	(Course description)
functional basis of the scientific research. Critical analysis is	(

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also included. Students will be trained on how to determine methods of research, reliability measurements, informed	
consent and participants information sheet. This is followed	
by a discussion on article design and how to prepare a paper for publication in a scientific journals.	
for publication in a scientific journals.	
	اسم المقرر
	(Course title)
	رمز المقرر
	(Course code)
	عدد الوحدات المعتمدة
	(Credit hours)
English	اللغة
2. Ignor	(Medium of instruction)
	توصيف مختصر للمقرر
	(Course description)
	• /
Occupational Therapy	اسم المقرر
	(Course title)
HPT 435	رمز المقرر
	(Course code)
3	عدد الوحدات المعتمدة
	(Credit hours)
English	اللغة
	(Medium of instruction)
	توصيف مختصر للمقرر
The course aims at applying the principles of and therapeutic	(Course description)
skills of occupational therapy. Students are acquainted with	
the commonalities between physical therapy and occupational therapy in order to identify types of patients who are in need	
of occupational therapy.	
النيزة توره بنت عبد الرعس	
Geriatric Rehabilitation	اسم المقرر
LINGS22 MORIGIN DIVI ADDRIGUINO	(Course title)
HPT436	رمز المقرر
	(Course code)
2	عدد الوحدات المعتمدة

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	(C 124 1)
	(Credit hours) اللغة
English	
	(Medium of instruction)
The course is designed to explore those factors affecting the health and well-being of aging people. It will cover the relationship between the process of aging and behavior in such areas as sensory, personality and cognitive functioning. Other subjects will include the principle and practice of geriatric rehabilitation based on the theories of aging. Social, cultural influences and age-related changes in accommodation to the physical environment will be discussed. Finally, considerable attention will be paid to some specifically selected clinical conditions that are common with the elderly people including overall assessment of health and functional profile of an aged individual.	توصيف مختصر للمقرر (Course description)
Advanced PT Procedure	اسم المقرر (Course title)
HPT 437	رمز المقرر (Course code)
2	عدد الوحدات المعتمدة (Credit hours)
	اللغة
English	(Medium of instruction)
	توصيف مختصر للمقرر
This course aims to provide students with fundamental skills and knowledge in the new advances in evaluation and treatment of patients with varying physical disabilities.	(Course description)
Rehabilitation and proper evaluate on concepts and selected procedures are discussed, along with the physiological and abnormal interpretation of findings.	

Princess Nourah bint Abdulrahman University نموذج توصيف المقررات على موقع الجامعة

كلية :الصحة وعلوم التأهيل

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المَمْلَكَ قَالْعَرَبِيَّةُ السُّعُودِيَّة وِزَارَةَ التَّعْلِيمُ جَامِعَةَ الأَمْيِرَةَ نُورَةٍ بِنْتَ عَبْدُ الرَّمْنَ (٠٤٨)

قسم: علوم التأهيل

برنامج: دكتور علاج طبيعي

	1
Introduction to biomechanics	اسم المقرر
	(Course title)
HPT-212	رمز المقرر
	(Course code)
2	عدد الوحدات المعتمدة
	(Credit hours)
English	اللغة
	(Medium of instruction)
	توصيف مختصر للمقرر
This course is providing introduction to biomechanics of movement either human movements and any material motion based on physics and mathematical laws that identify relationship with skeleton and musculoskeletal motion.	(Course description)
Introduction to physical therapy	اسم المقرر
	(Course title)
HPT 213	رمز المقرر
	(Course code)
1	عدد الوحدات المعتمدة
	(Credit hours)
English	اللغة
	(Medium of instruction)
	توصيف مختصر للمقرر
This course provides an explanation of the philosophy and history of the physical therapy profession and its relationship to other health care agencies and providers. This course provides a good idea about different physical therapy specialties with respect to examination and methods of treatment.	(Course description)
Tests and measurement 1	اسم المقرر
	(Course title)
HPT 214	رمز المقرر
	(Course code)

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الْمَمْلَكَ قَالْعَرَبِيَّةُ السُّعُودِيَّة وِزَارَة التَّعْلِيمُ جَامِعَة الأَمِيرَة نُورَة بِنْت عَبْدُ الرَّمْنَ جَامِعَة الأَمِيرَة نُورَة بِنْت عَبْدُ الرَّمْنَ

3	عدد الوحدات المعتمدة
	(Credit hours)
English	اللغة
	(Medium of instruction)
	توصيف مختصر للمقرر
The purpose of this course is to appraise the importance and practical benefits of test and measurements. Demonstrate how to prepare environment, equipment and patient for evaluation procedures. Have the ability to conduct gross and individual muscle testing. Classify and identify different grades of muscle evaluation. Apply different techniques of muscle testing with respect to both therapist and patient mechanical advantage. Show professional behavior and attitude.	(Course description)
Human anatomy	اسم المقرر (Course title)
HPT 215	رمز المقرر (Course code)
3	عدد الوحدات المعتمدة
	(Credit hours)
English	اللغة
	(Medium of instruction)
	توصيف مختصر للمقرر
The course introduces an overview that covers anatomical regions in greater depth. Topics include: the skeletal system, and the muscular system, . More focus on joints and muscles of the upper and lower limbs (their origins, insertions, nerve supplies and actions)	(Course description)
Human Physiology	اسم المقرر
	(Course title)
HPT 216	رمز المقرر
יי יי	(Course code)
Princess Neurah bint Abdulrahma	عدد الوحدات المعتمدة
a consequence a securitaria secisia a recessaria sen manda	(Credit hours)
	اللغة
English	(Medium of instruction)

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different body sys therapy. It include respiration, regular digestion and absorptions. It is also	cerned with the study of the function of tems and its clinical applications in physical es the study of blood, circulation, ation of water and electrolyte balance, orption of food, musculoskeletal and nervous include the study of different pathological rb normal physical function activity.	توصيف مختصر المقرر (Course description)
Electrotherapy		اسم المقرر (Course title)
HPT 217		رمز المقرر (Course code)
2		عُد الوحدات المعتمدة (Credit hours)
English		(Modium of instruction)
		(Medium of instruction) توصيف مختصر للمقرر
electricity and me contains detailed of electrical nerve, m therapeutic uses in measures to be use use electrical appli	with the physical principles associated with thods used in physical therapy. The course on types of electrical currents used to raise tuscle and physiological effects an addition to the risks and preventive ed, and students are trained on the how to iances for each type of electric waves used uch as interferential, faradic and galvanic	(Course description)
Neuroanatomy		اسم المقرر (Course title)
HPT 221		رمز المقرر (Course code)
2hours	ميرة نورة بنت عبد الرحمن	عدد الوحدات المعتمدة (Credit hours)
English	Princess Nourah bint Abdulrahma	اللغة (Medium of instruction)
	es the general layout of the nervous system, dy of anatomy of the brain and spinal cord	توصيف مختصر للمقرر (Course description)

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Neurophysiology (Course title) (Course title) (Course title) (Course title) (Course title) (Course code) (Course code) (Credit hours) (Ithis course introduces the function of the nervous system including the spinal cord, cerebellum, peripheral nerves, the brain, midbrain, medulla oblongata, cerebral cortex and the somatic receptors, pain physiology, neural tracts and lesions, plasticity, physiology of reflexes, vestibular system and basal ganglia Pathophysiology (Course description) (Course code) (Course description) (Course code) (Course description) (Course code) (Course code) (Course code) (Course description) (Course code) (Course code)	include: different parts of brain and spinal cord, the ascending and descending tracts, the distribution of the cranial and spinal nerves, the vascular supply to the central nervous system and the cerebrospinal fluid.	
HPT 222 (Course code) (Credit hours) (Medium of instruction) (Course description) (Course description) (Course title) (Course title) (Course code) (Credit hours) (Course code) (Course code) (Course code) (Credit hours) (Course code) (Course code) (Credit hours)	Neurophysiology	'
النه المقرد (Course code) 3 (Course code) 3 (Course code) 3 (Credit hours) 4 (Credit hours) (Credit hours) (Issue introduces the function of the nervous system including the spinal cord, cerebellum, peripheral nerves, the brain, midbrain, medulla oblongata, cerebral cortex and the somatic receptors, pain physiology, neural tracts and lesions, plasticity, physiology of reflexes , vestibular system and basal ganglia Pathophysiology (Course code) 3 (Course code) 3 (Course code) 5 (Credit hours) English (Medium of instruction) The course studies the biological processes that lead to a disease and other forms of diseases, and harmful distortions, and disabilities. The course also studies the functional changes that occur in cells and tissues and organs at the onset of disease. Test and Measurements (2)		· · · · · · · · · · · · · · · · · · ·
عد الوحدات المعتمدة (Credit hours) English English (Medium of instruction) This course introduces the function of the nervous system including the spinal cord, cerebellum, peripheral nerves, the brain, midbrain, medulla oblongata, cerebral cortex and the somatic receptors, pain physiology, neural tracts and lesions , plasticity, physiology of reflexes , vestibular system and basal ganglia Pathophysiology (Course description) (Course title) HPT 223 (Course code) 3 (Course code) 3 (Credit hours) English (Medium of instruction) The course studies the biological processes that lead to a disease and other forms of diseases, and harmful distortions, and disabilities. The course also studies the functional changes that occur in cells and tissues and organs at the onset of disease. Test and Measurements (2)	HPT 222	• • • • • • • • • • • • • • • • • • • •
English English (Medium of instruction) This course introduces the function of the nervous system including the spinal cord, cerebellum, peripheral nerves, the brain, midbrain, medulla oblongata, cerebral cortex and the somatic receptors, pain physiology, neural tracts and lesions, plasticity, physiology of reflexes, vestibular system and basal ganglia Pathophysiology (Course title) HPT 223 (Course code) 3 (Course code) 3 (Credit hours) English English (Medium of instruction) The course studies the biological processes that lead to a disease and other forms of diseases, and harmful distortions, and disabilities. The course also studies the functional changes that occur in cells and tissues and organs at the onset of disease. Test and Measurements (2)	2	
English English (Medium of instruction) This course introduces the function of the nervous system including the spinal cord, cerebellum, peripheral nerves, the brain, midbrain, medulla oblongata, cerebral cortex and the somatic receptors, pain physiology, neural tracts and lesions, plasticity, physiology of reflexes, vestibular system and basal ganglia Pathophysiology (Course title) HPT 223 (Course code) 3 (Course code) English English (Medium of instruction) The course studies the biological processes that lead to a disease and other forms of diseases, and harmful distortions, and disabilities. The course also studies the functional changes that occur in cells and tissues and organs at the onset of disease. Test and Measurements (2)	3	•
English (Medium of instruction) This course introduces the function of the nervous system including the spinal cord, cerebellum, peripheral nerves, the brain, midbrain, medulla oblongata, cerebral cortex and the somatic receptors, pain physiology, neural tracts and lesions, plasticity, physiology of reflexes, vestibular system and basal ganglia Pathophysiology (Course title) HPT 223 (Course code) 3 English English (Medium of instruction) (Course title) (Course code) (Credit hours) English (Medium of instruction) (Course code) (Credit hours) (Course description)		· · · · · · · · · · · · · · · · · · ·
This course introduces the function of the nervous system including the spinal cord, cerebellum, peripheral nerves, the brain, midbrain, medulla oblongata, cerebral cortex and the somatic receptors, pain physiology, neural tracts and lesions, plasticity, physiology of reflexes, vestibular system and basal ganglia Pathophysiology Pathophysiology Pathophysiology (Course title) HPT 223 John (Course title) Accourse code) Sacreti lleacti lleactic hours) English (Medium of instruction) The course studies the biological processes that lead to a disease and other forms of diseases, and harmful distortions, and disabilities. The course also studies the functional changes that occur in cells and tissues and organs at the onset of disease. Test and Measurements (2)	English	<u></u> -
This course introduces the function of the nervous system including the spinal cord, cerebellum, peripheral nerves, the brain, midbrain, medulla oblongata, cerebral cortex and the somatic receptors, pain physiology, neural tracts and lesions, plasticity, physiology of reflexes, vestibular system and basal ganglia Pathophysiology (Course title) HPT 223 (Course code) 3 English (Medium of instruction) The course studies the biological processes that lead to a disease and other forms of diseases, and harmful distortions, and disabilities. The course also studies the functional changes that occur in cells and tissues and organs at the onset of disease. Test and Measurements (2)	2. Inglish	<u> </u>
الله المقرد (Course title) HPT 223 (Course code) عدد الوحدات المعتمدة (Credit hours) English The course studies the biological processes that lead to a disease and other forms of diseases, and harmful distortions, and disabilities. The course also studies the functional changes that occur in cells and tissues and organs at the onset of disease. Test and Measurements (2) (Course description) (Course description)	including the spinal cord, cerebellum, peripheral nerves, the brain, midbrain, medulla oblongata, cerebral cortex and the somatic receptors, pain physiology, neural tracts and lesions, plasticity, physiology of reflexes, vestibular system and basal	
اللغة (Course code) 3 اللغة (Credit hours) English (Medium of instruction) The course studies the biological processes that lead to a disease and other forms of diseases, and harmful distortions, and disabilities. The course also studies the functional changes that occur in cells and tissues and organs at the onset of disease. Test and Measurements (2)	Pathophysiology	'
English (Medium of instruction) The course studies the biological processes that lead to a disease and other forms of diseases, and harmful distortions, and disabilities. The course also studies the functional changes that occur in cells and tissues and organs at the onset of disease. Test and Measurements (2) (Course description) (Tourse description)	HPT 223	رمز المقرر
English (Medium of instruction) The course studies the biological processes that lead to a disease and other forms of diseases, and harmful distortions, and disabilities. The course also studies the functional changes that occur in cells and tissues and organs at the onset of disease. Test and Measurements (2) Test and Measurements (2)	3	عدد الوحدات المعتمدة
The course studies the biological processes that lead to a disease and other forms of diseases, and harmful distortions, and disabilities. The course also studies the functional changes that occur in cells and tissues and organs at the onset of disease. Test and Measurements (2) (Medium of instruction) (Course description)		(Credit hours)
The course studies the biological processes that lead to a disease and other forms of diseases, and harmful distortions, and disabilities. The course also studies the functional changes that occur in cells and tissues and organs at the onset of disease. Test and Measurements (2) (Medium of instruction) (Course description)	English	اللغة
The course studies the biological processes that lead to a disease and other forms of diseases, and harmful distortions, and disabilities. The course also studies the functional changes that occur in cells and tissues and organs at the onset of disease. Test and Measurements (2) (Course description)		(Medium of instruction)
disease and other forms of diseases, and harmful distortions, and disabilities. The course also studies the functional changes that occur in cells and tissues and organs at the onset of disease. Test and Measurements (2)		توصيف مختصر للمقرر
	disease and other forms of diseases, and harmful distortions, and disabilities. The course also studies the functional changes that occur in cells and tissues and organs at the onset of	(Course description)
	Test and Measurements (2)	اسم المقرر
	` '	(Course title)

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HPT 224	رمز المقرر
	(Course code)
2	عدد الوحدات المعتمدة
	(Credit hours)
English	اللغة
	(Medium of instruction)
	توصيف مختصر للمقرر
The purpose of this course is to appraise the importance and	(Course description)
practical benefits of different tests and measurements	
techniques, demonstrate how to prepare environment,	
equipment and patient for evaluation procedures, and how to	
apply different techniques of muscle testing with respect to	
both therapist and patient mechanical advantage	
Basic life support techniques	اسم المقرر
	(Course title)
HRS 114	رمز المقرر
	(Course code)
3	عدد الوحدات المعتمدة
	(Credit hours)
English	اللغة
	(Medium of instruction)
	توصيف مختصر للمقرر
The course is lectures and practices which develops the student's knowledge and performances on the basic concepts	(Course description)
first aid and cardiopulmonary resuscitation. The student will	
also be learning how to assess and deal with emergencies such	
as unconscious client, bleeding, fractures, shock, chocking ,	
diabetic coma ,bronchial asthma attack, poisoning, stroke, and	
cardiac attacks .	
Therapeutic Exercises 1	اسم المقرر
التتاري بالألم ينب منب الراحسان والتما	(Course title)
HPT 332 Ripoges Mourain bint Abdulrahma	رمز المقرر
Linicas Montan Dilli Vadolidillid	(Course code)
3	عدد الوحدات المعتمدة
	(Credit hours)

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English	اللغة
	(Medium of instruction)
This course include an introduction to the theory and scientific principles of basic exercise techniques related to muscle performance (including strength, power, and endurance) and stretching/flexibility activities used in rehabilitation for patient with musculoskeletal or neuromuscular dysfunction.	توصيف مختصر للمقرر (Course description)
Human Biomechanics	اسم المقرر (Course title)
НРТ333	رمز المقرر (Course code)
3	عدد الوحدات المعتمدة (Credit hours)
English	اللغة (Medium of instruction)
This course is teaching biomechanics of human movement based on physics and mathematical laws that identify relationship with skeleton and musculoskeletal motion. To analyze, compare, study, judge, contrast, and find results of natural and pathomechanics in joints and muscles. It leads students to observe and find out the description and the cause of abnormal movements in human body motion.	توصيف مختصر للمقرر (Course description)
Psychosocial Aspects of Health and Disease	اسم المقرر (Course title)
HPT 334	رمز المقرر (Course code)
ويرا والمراب عبد المحساء المحساء	عدد الوحدات المعتمدة (Credit hours)
English Funcess Nourch bird Abdulrahma	اللغة (Medium of instruction)
This course will introduce to the students basic concept of health and disease and behavior theories which related to the	توصيف مختصر للمقرر (Course description)

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field of health and disease by enhancing students understanding regarding emotional reactions to disability, and psychosocial aspects of disability as they relate to patient-physical therapist interaction; specific problems of the angry, non-compliant, or chronic pain patient and complementary roles of other health professionals	
Electrotherapy and Hydrotherapy	اسم المقرر (Course title)
HPT 315	رمز المقرر (Course code)
3	عدد الوحدات المعتمدة (Credit hours)
English	اللغة (Medium of instruction)
The course is designed to provide the students the ability to apply electrotherapy stimulation and hydrotherapy applications as therapeutic modalities in different situations according to patient's problem with understanding to the nature, indications and contra- indications of electrical stimulating currents and electrical waves.	توصيف مختصر للمقرر (Course description)
Clinical Pharmacology for Physiotherapist	اسم المقرر (Course title)
HPT 316	رمز المقرر (Course code)
2	عدد الوحدات المعتمدة (Credit hours)
English	اللغة (Medium of instruction)
The course will cover the basic general pharmacological principles. The clinical uses and physiological effect of drug in body systems; the common drugs, its mechanism of action effects, side-effects and different doses used for the patients that can be indicated in treatment of cardiovascular, respiratory and nervous systems disorders.	توصيف مختصر للمقرر (Course description)

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Cardiopulmonary Physical Therapy	اسم المقرر
	(Course title)
HPT 331	رمز المقرر
	(Course code)
3	عدد الوحدات المعتمدة
	(Credit hours)
English	اللغة
	(Medium of instruction)
	توصيف مختصر للمقرر
The course will familiarize Physical Therapy students with basic knowledge in anatomy, physiology, common diseases/conditions involving cardiac and pulmonary systems, as well as the various types of interventions for treatment. There will be an emphasis on providing appropriate physical therapy examination, evaluation, interventions, prognosis, and outcomes for patients with cardiopulmonary disease.	(Course description)
Therapeutic Exercises 2	اسم المقرر
	(Course title)
HPT 335	رمز المقرر
	(Course code)
3	عدد الوحدات المعتمدة
	(Credit hours)
English	اللغة
	(Medium of instruction)
This course include advanced types of therapeutic exercises	توصيف مختصر للمقرر
used in treatment and rehabilitation of patient explaining the	(Course description)
underlying effects of each type of exercise on musculoskeletal	
system	
Physical Therapy for Burn and Surgery	اسم المقرر
I hysical Therapy for Durh and Surgery	(Course title)
HPT, 323 Princess Nourah bint Abdulrahma	رمز المقرر
THE PART OF STREET AND ADDRESS OF STREET	(Course code)
3	عدد الوحدات المعتمدة
	(Credit hours)
English	اللغة

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الْمَمْلَكَ قَالَعَ بِيَّةَ السُّعُودِيَّة وِزَارَة التَّعْلِيمُ جَامِعَة الأَمِيرَة نُورَة بِنْتَ عَبْدُ الرَّحْنَ جَامِعَة الأَمِيرَة نُورَة بِنْتَ عَبْدُ الرَّحْنَ

	(Medium of instruction)
The course focuses on burn causes and the accompanied pathophysiological changes. It provide the students with the suitable tools for a proper evaluative procedure (s) to the patient and to Identify indications and contra-indication of every current modality in physiotherapy. It also focus on the management of some post-operative cases.	توصيف مختصر للمقرر (Course description)
Physical Therapy for Neurological Disorders	اسم المقرر (Course title)
HPT 324	رمز المقرر (Course code)
3	عدد الوحدات المعتمدة (Credit hours)
English	اللغة (Medium of instruction)
this course develop a clear understanding of the etiology, pathology, prognosis and clinical feature of the most common neurological diseases affecting adult people and gives the basic and traditional physical therapy assessment and treatment for the most common neurological disorders.	توصيف مختصر للمقرر (Course description)
Physical Therapy in Pediatrics	اسم المقرر (Course title)
HPT 325	رمز المقرر (Course code)
3	عدد الوحدات المعتمدة (Credit hours)
English	اللغة (Medium of instruction)
The course provide the student with the different pediatric diseases and develop skills about the use of physiotherapy methods used in evaluation and treatment of different pediatric diseases. Also it concern with the creation of therapeutic programs used in treatment.	توصيف مختصر للمقرر (Course description)

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Musculoskeletal System Evaluation	اسم المقرر
	(Course title)
HPT 411	رمز المقرر
	(Course code)
2 (1, 1,0)	عدد الوحدات المعتمدة
	(Credit hours)
English	اللغة
	(Medium of instruction)
	توصيف مختصر للمقرر
This course outlines the concepts of the basic principles of	(Course description)
musculoskeletal examination to select the proper test for each	
case and use the appropriate equipment needed to perform proper case evaluation and management.	
proper case evaluation and management.	
Research in Physical Therapy – 1	اسم المقرر
	(Course title)
HPT 412	رمز المقرر
	(Course code)
2	عدد الوحدات المعتمدة
	(Credit hours)
English	اللغة
	(Medium of instruction)
	توصيف مختصر للمقرر
The course focus on normal structural and functional basis of	(Course description)
the scientific research, methods of research, as well as validity	
and reliability measurements. It Provides the student the	
needed information of the basic principles and purpose of	
research, Supply the student with the basic research tools and	
help the student selecting suitable research designs and	
methods.	
Clinical Named Serv	ا المقدر
Clinical Neurology	اسم المقرر (Course title)
HDT 412 Process Norman bint Aboutongo	(Course title) رمز المقرر
HPT 413 FILIT CESS PROUITING DITH ADQUITED INTO	رمر المعرر (Course code)
2	
2	عدد الوحدات المعتمدة
	(Credit hours)

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English	اللغة
9	(Medium of instruction)
	توصيف مختصر للمقرر
The course aims in applying modern clinical therapeutic physical therapy modalities in treatment of neurological diseases and its surgery. The principles and clinical therapeutic skills in treatment of patients in hospital.	(Course description)
Traumatology	اسم المقرر
	(Course title)
HPT 414	رمز المقرر (Course code)
3	عدد الوحدات المعتمدة
	(Credit hours)
English	اللغة
Digito.	(Medium of instruction)
	توصيف مختصر للمقرر
This course is designed to give knowledge and explanation of trauma affecting the musculo-skeletal system and joint injuries. The course also covers the types of fractures and dislocation, and the treatment methods.	(Course description)
Clinical Practice in Pediatrics	اسم المقرر (Course title)
HPT 415	رمز المقرر (Course code)
3	عدد الوحدات المعتمدة (Credit hours)
Faralish	اللغة
English	(Medium of instruction)
The course aims in applying modern clinical therapeutic physical therapy modalities in treatment of pediatric patients and its surgery. The principles and clinical therapeutic skills in treatment of patients with different developmental disorders; Cerebral palsy, high risk infants, prematurity, Genetic disorders, autism, brachial plexus lesions, myopathies, peripheral neuropathies, facial nerve lesions, osteogenesis imperfect and congenital orthopedic disorders in children as well as other pediatric patients in hospital	توصيف مختصر للمقرر (Course description)

Princess Nourah bint Abdulrahman University (048)



Diagnostic Imaging for physiotherapist	اسم المقرر
Diagnostic imaging for physiotherapist	(Course title)
HPT 416	رمز المقرر
111 1 710	(Course code)
3	عدد الوحدات المعتمدة
	(Credit hours)
English	اللغة
Eligiisii	(Medium of instruction)
	توصيف مختصر للمقرر
This course covers gross anatomy, cross sectional anatomy and imaging with USG, X-Ray, CT Scan, MRI and Functional Imaging with Nuclear Medicine scans principles in the imaging of all normal and abnormal body organs in adults and children. Main focus of the subject was on CT, X-Ray, MRI and USG of chest, Abdomen, Upper limb, Lower limb and Spine. It was explained with the help of theory and Normal and Abnormal Images of CT Scan, USG, X-Ray, MRI and Nuclear Medicine Scans. Advanced imaging techniques and critical thinking skills are developed through correlation of clinical history with imaging modalities	(Course description)
Prosthetics and Orthotics	اسم المقرر (Course title)
HPT 417	رمز المقرر
	(Course code)
2	عدد الوحدات المعتمدة
	(Credit hours)
English	اللغة
	(Medium of instruction)
	توصيف مختصر للمقرر
This course introduce the mechanical principles of orthotics and prosthetics and describe different types of orthoses for upper and lower limb in addition to spinal orthoses and upper and lower extremities prosthesis. Indications, uses and functions of orthotics and prosthetics are explained to allow student to be able to select and prescribe appropriate device according to patient case and plan a physical therapy program for the device good use.	(Course description)

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Physical Therapy for Women's Health	اسم المقرر
Thysical Therapy for Women's Health	(Course title)
HPT 451	ر من المقرر
111 1 431	(Course code)
2	عدد الوحدات المعتمدة
2	·
T. W.	(Credit hours) اللغة
English	<u> </u>
	(Medium of instruction)
	توصيف مختصر للمقرر
This course Provides the student with knowledge and skills in	(Course description)
the field of obstetrics and gynecology. The course contains	
details on different cases of obstetrics and gynecology in the	
field of woman's health in addition to the how to manage	
different cases as a physical therapist.	
Physical Therapy for Orthopedic and Rheumatology	اسم المقرر
	(Course title)
HPT 433	رمز المقرر
	(Course code)
3	عدد الوحدات المعتمدة
	(Credit hours)
English	اللغة
	(Medium of instruction)
	توصيف مختصر للمقرر
This course allows the student to assess patient, make a	(Course description)
clinical judgment and plan for managing patient problems	• /
arising from different orthopedic conditions affecting the	
different region of the body including the spine, hip, knee,	
ankle, shoulder, elbow and wrist and hand. The course provides the student with knowledges about	
causes, clinical manifestation and pathological changes.	
Research in physical therapy 2	اسم المقرر
Princess Nourah hint Abdulrahma	(Course title)
HPT 434	رمز المقرر
	(Course code)
2	عدد الوحدات المعتمدة

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English (III see Page 1997)	
8	
(Medium of inst	ruction)
ف مختصر للمقرر	توصيا
The course provides illustration of the structural and (Course descri	ption)
functional basis of the scientific research. Critical analysis is	
also included. Students will be trained on how to determine	
methods of research, reliability measurements, informed	
consent and participants information sheet. This is followed	
by a discussion on article design and how to prepare a paper	
for publication in a scientific journals.	
Management and organization in physical Therapy	
(Course title	le)
رمز المقرر HPT 452	
(Course cod	de)
الوحدات المعتمدة	عدد ا
(Credit hou	rs)
English Illisi	
(Medium of inst	ruction)
ف مختصر للمقرر The course focuses on organizing, planning, leading and	توصيا
controlling resources within the entity with the overall aim of (Course descri	ption)
achieving its objectives	
اسم المقرر Occupational Therapy	
(Course titl	
رمز المقرر HPT 435	
(Course cod	
الوحدات المعتمدة	
(Credit hou	rs)
English Clark	
(Medium of inst	
ف مختصر للمقرر	•
The course aims at applying the principles of and therapeutic (Course descri	ption)
skills of occupational therapy. Students are acquainted with the commonalities between physical therapy and occupational	
therapy in order to identify types of patients who are in need	
of occupational therapy.	

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Geriatric Rehabilitation	اسم المقرر
	(Course title)
HPT436	رمز المقرر
	(Course code)
2	عدد الوحدات المعتمدة
	(Credit hours)
English	اللغة
	(Medium of instruction)
	توصيف مختصر للمقرر
The course is designed to explore those factors affecting the	(Course description)
health and well-being of aging people. It will cover the relationship between the process of aging and behavior in such	
areas as sensory, personality and cognitive functioning. Other	
subjects will include the principle and practice of geriatric	
rehabilitation based on the theories of aging. Social, cultural	
influences and age-related changes in accommodation to the	
physical environment will be discussed. Finally, considerable	
attention will be paid to some specifically selected clinical conditions that are common with the elderly people including	
overall assessment of health and functional profile of an aged	
individual.	
Advanced PT Procedure	اسم المقرر
Auvanceu I I I I occuure	(Course title)
HPT 437	رمز المقرر
11 1 437	(Course code)
2	عدد الوحدات المعتمدة
	(Credit hours)
English	اللغة
Engusi	(Medium of instruction)
المسال عبديث المشاقية	توصيف مختصر للمقرر
This course aims to provide students with fundamental skills	(Course description)
and knowledge in the new advances in evaluation and	
treatment of patients with varying physical disabilities.	
Rehabilitation and proper evaluate on concepts and selected	
procedures are discussed, along with the physiological and	
abnormal interpretation of findings.	

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Gait and Locomotion analysis (Course title) رمز المقرر (Course code) عدد الوحدات المعتمدة (Credit hours)	
رمز المقرر (Course code) عدد الوحدات المعتمدة	
DPT411 (Course code) عدد الوحدات المعتمدة	
عدد الوحدات المعتمدة	
(Credit hours)	
English Illisis	
(Medium of instruct	ion)
وصيف مختصر للمقرر	<u>:</u>
In this course, terminology of the hypotheses is also included. (Course description	n)
This is followed by discussions and practical demonstration of	
general and specific evaluation procedures and their	
rationales for use with patients suffering from particular	
functional problem.	
Clinical Management & administration	
(Course title)	
رمز المقرر DPT 412	
(Course code)	
عدد الوحدات المعتمدة	
(Credit hours)	
English اللغة	
(Medium of instruct	ion)
وصيف مختصر للمقرر	ï
This course designed to assist the students to develop management skills, resolve conflict, and manage a medical unit. This course develops the students information and skills of health informatics, financial management principles, hospital stores organization and pharmacy, hospital waste and time management. Also explain different resources resource management and health related laws and ethics.	n)
اسم المقرر (Course title)	
رمز المقرر	
(Course code)	

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2	عدد الوحدات المعتمدة
	(Credit hours)
English	اللغة
	(Medium of instruction)
	توصيف مختصر للمقرر
The course aims in applying modern clinical therapeutic physical therapy modalities in treatment of neurological diseases and its surgery. The principles and clinical therapeutic skills in treatment of patients in hospital.	(Course description)
Sports injuries	اسم المقرر
	(Course title)
DPT 414	رمز المقرر
	(Course code)
3	عدد الوحدات المعتمدة
	(Credit hours)
English	اللغة
	(Medium of instruction)
Explores the application of physiology of rest and exercise, principles of exercise testing and prescription for specific populations relevant to physiotherapy practice. Develops an understanding of the use of exercise as a means of health promotion, injury prevention and rehabilitation in Sports injury cases	توصيف مختصر للمقرر (Course description)
Clinical Dayabiatury	اسم المقرر
Clinical Psychiatry	(Course title)
DPT 415	رمز المقرر (Course code)
و المعال عبد للنبا قامن قالم	عدد الوحدات المعتمدة
البيرة بورة بحث عبد الرحس	(Credit hours)
English Princess Nourah bint Abdulrahma	اللغة (Medium of instruction)
This course provides the student with understanding of psychiatric disorders. It Also demonstrate the psychological	توصيف مختصر للمقرر (Course description)

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problems related to illness and provide the role of physiotherapy in psychiatric disorder and psychological rehabilitation	
Electrodiagnosis in PT	اسم المقرر (Course title)
DPT 421	رمز المقرر (Course code)
3	عدد الوحدات المعتمدة (Credit hours)
English	اللغة (Medium of instruction)
This course explains different electro- diagnostic procedures used in physical therapy for assessment of motor and sensory dysfunction including nerve conduction studies, electromyography. Also include assessment procedures for cardiovascular condition by electrocardiography (ECG) and assessment of the electrical activity of the brain by electroencephalogram (EEG).	توصيف مختصر للمقرر (Course description)
Advanced Clinical Neurology	اسم المقرر (Course title)
DPT 422	رمز المقرر (Course code)
3	عدد الوحدات المعتمدة (Credit hours)
English	اللغة (Medium of instruction)
This course is designed to give advanced assessment and treatment of most common neurological problems in different neurological conditions. It also allows for clinical competence in handling and communicating with patients in hospital.	توصيف مختصر للمقرر (Course description)
Advanced Clinical Pediatric	اسم المقرر (Course title)
DPT 423	رمز المقرر (Course code)

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3	عدد الوحدات المعتمدة
	(Credit hours)
English	اللغة
	(Medium of instruction)
	توصيف مختصر للمقرر
This course will provide the student with the opportunity to develop clinical skills in evaluation and treatment of different cases of pediatrics in affiliated hospital. In addition, it includes different medical conditions and the role of physical therapy in each one. Also it includes new advanced interventions and the evidence behind their effectiveness in pediatric rehabilitation	(Course description)
Advanced Clinical Cardiopulmonary	اسم المقرر
	(Course title)
DPT424	رمز المقرر
	(Course code)
3	عدد الوحدات المعتمدة
	(Credit hours)
English	اللغة
	(Medium of instruction)
This course allows the student to assess patient, make a clinical judgment and plan for managing ICU patient	توصيف مختصر للمقرر (Course description)
problems and pre\post cardiopulmonary surgeries. The	
course provides the student with knowledge about causes, clinical manifestation and pathological changes of vascular	
system	
Pharmacology In Rehabilitation	اسم المقرر
	(Course title)
DPT 425	رمز المقرر
املاق نورة شت عبد الإحمرز	(Course code)
1	عدد الوحدات المعتمدة
Princess Nourah bint Abdulrahma	(Credit hours)
English	اللغة
	(34 1) (1)
	(Medium of instruction)

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The course covers the basic general pharmacological principles. The clinical uses and physiological effect of drug in body systems; the common drugs, its mechanism of action, therapeutic effects, side-effects and different doses used for the patients that can be indicated in treatment of central nervous system disorder, peptic ulcer, endocrine disorder, and in rheumatic arthritis disease.	(Course description)
Deferential Diagnosis in Clinical Neurology	اسم المقرر (Course title)
DPT 431	رمز المقرر (Course code)
3	عدد الوحدات المعتمدة (Credit hours)
English	اللغة (Medium of instruction
This course is designed to enable students to clinically differentiate between different types of neurological diseases and to differentiate between different subtypes of the same disease by clinical, laboratory, and radiological investigations	توصيف مختصر للمقرر (Course description)
Ethics & Professionalism in PT	اسم المقرر (Course title)
DPT 432	رمز المقرر (Course code)
2	عدد الوحدات المعتمدة (Credit hours)
English	اللغة (Medium of instruction)
In this course the rules and regulations of practicing in health sector will be discussed in relation to the code of ethics for health professions where all responsibilities of therapist towards patients, colleagues, and community. In addition, this course will include sessions about communication skills, professionalism, and quality assurance of services.	توصيف مختصر للمقرر (Course description)
Evidence-Based Practice	اسم المقرر

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	(Course title)
DPT 433	رمز المقرر
	(Course code)
3	عدد الوحدات المعتمدة
	(Credit hours)
English	اللغة
	(Medium of instruction)
	توصيف مختصر للمقرر
In this course the concepts and steps used in evidence-based	(Course description)
practice will be discussed in relation to different forms of	1 /
evidence. The critical appraisal skills in relation to clinical	
practice is the main skill gained in this course. In addition, this	
course involves linking the research knowledge to clinical decisions to provide the optimal treatment plan for a patient.	
decisions to provide the optimal treatment plan for a patient.	
Electro therapeutic Modalities: Clinical Applications	اسم المقرر
	(Course title)
DPT 434	رمز المقرر
	(Course code)
2	عدد الوحدات المعتمدة
	(Credit hours)
English	اللغة
	(Medium of instruction)
	توصيف مختصر للمقرر
This course explains different electrotheraputic procedures used in	(Course description)
physical therapy for treatment of musculoskeltal conditions of	
different cases. The course demonstrates the application of	
advanced therapeutic modalities in treatment of pain, muscle and	
joint dysfunction to regain patient normal function	
Scientific Seminar	اسم المقرر
Scientific Seminar	,
DPT 435	(Course title) رمز المقرر
	** * *
Princess Nourah bint Abdulrahma	(Course code) عدد الوحدات المعتمدة
<u> </u>	(Credit hours)
Enalish	(Crean nours)
English	
	(Medium of instruction)

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الْمَمْلَكَ قَالَعَ بِيَّةَ السُّعُودِيَّة وِزَارَةَ التَّعْلِيمُ جَامِعَةَ الأَمِيْرَةَ نُورَةٍ بِنْتَ عَبْدُ الرَّمْنَ جَامِعَةَ الأَمِيْرَةَ نُورَةٍ بِنْتَ عَبْدُ الرَّمْنَ

This course allows the student to search topic, write and present a scientific Seminar paper. The course describes how the seminar is organized and prepared for attendance to get the most benefit. Evaluating a seminar and its product is one of the item discussed in the course. Effective presentation is the main outcome of this course that allow students to discuss and work in team and interact with other who have different opinions.	توصيف مختصر للمقرر (Course description)
P.T Medical Screening	اسم المقرر (Course title)
DPT 436	رمز المقرر (Course code)
2 hours	عدد الوحدات المعتمدة (Credit hours)
English	اللغة (Medium of instruction) توصيف مختصر للمقرر
This Course helps to prepare the physical therapy to assume the role of an independent practitioner working within a collaborative medical model .Inherent in this role is the ability to recognize clinical manifestations that suggest physician or other health care provider contact is warranted regarding a patient's health status .Students apply the concept of threshold detection to identify impairments or "red flags" in medical screening that warrant referral to other professionals. An examination scheme is designed to promote efficient and effective collection of patient data to provide the structure for discussions. Patient cases are presented to illustrate important medical screening principles professional communication with patients and physicians is also a central theme.	(Course description)
Differential Diagnosis in Clinical Orthopedic	اسم المقرر
DPT 441 Princess Nourah bint Abdulrahma	(Course title) رمز المقرر (Course code)
2	عدد الوحدات المعتمدة (Credit hours)

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English	اللغة
	(Medium of instruction)
	توصيف مختصر للمقرر
Clinical decisions must be based on the best evidence in	(Course description)
medical field. The course aims at delivering clinical basis for	
diagnosis and prognosis, based on evidence-based practice, for	
orthopedic conditions to enable students to identify the	
relevant underlying pathology	
Advanced Clinical Orthopedics	اسم المقرر
	(Course title)
DPT 442	رمز المقرر
	(Course code)
3	عدد الوحدات المعتمدة
	(Credit hours)
English	اللغة
	(Medium of instruction)
	توصيف مختصر للمقرر
This course will provide the student with the opportunity to develop clinical skills in the evaluation and treatment of different cases of orthopedics in affiliated hospital such as:	(Course description)
Temporomandibular dysfunction and sacroiliac joint dysfunction ,Upper& Lower limb post-operative surgeries and	
their management	
Physical Therapy Management of Complex Patients	اسم المقرر
	(Course title)
DPT 443	رمز المقرر
	(Course code)
2	عدد الوحدات المعتمدة
	(Credit hours)
English	اللغة
	(Medium of instruction)
Princess Nouran Dint Adduiranma	توصيف مختصر للمقرر
The course reviews the complex medical conditions and how	(Course description)
these conditions can affect patient participation in therapy	
and function. Considerations, evaluation, treatment, and	

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المَمْلَكَة العَربيَّة السُّعُودِيَّة وِزَارَة التَّعْلِيمُ وِزَارَة التَّعْلِيمُ وَزَارَة التَّعْلِيمُ وَإِنَّة بَالْمَيْرَة نُورَة بِنْت عَبْدُ الرَّمْنَ جَامِعَة الأَمِيْرَة نُورَة بِنْت عَبْدُ الرَّمْنَ (٤٨)

management of patients with complex medical conditions will be discussed via the use of lecture and interactive case study discussion.	
Graduate Project	اسم المقرر (Course title)
DPT 444	رمز المقرر (Course code)
3	عدد الوحدات المعتمدة (Credit hours)
English	اللغة (Medium of instruction)
In this course normal structural and functional basis of the scientific research are presented and discussed. Terminology of the hypotheses is also included. This is followed by discussions and practical demonstration of general and specific evaluation procedures and their rationales for use with patients suffering from particular functional problem. The student will be trained on how to determine methods of research, reliability measurements, informed consent and questionnaires	توصيف مختصر للمقرر (Course description)



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