

Course Syllabus

2nd Semester 1434.

Course information:

Course title: Introduction to clinical study (Trumatology).

Course Number: RHS 231.

Instructor: Mrs. Mai Alderaa (maldera@ksu.edu.sa).

Date & Time: Sunday from 8–10 AM.

Office hours: Tuesday 8–10 AM.

Course Description:

The course provides students with foundational knowledge in orthopedic trauma. Emphasis is placed on the etiology, pathology, and clinical picture of most common musculoskeletal injuries. Content address evidence–base physical therapy practice in the assessment, intervention, and prevention of this injuries. The course schedual is divided into four elements: Foundation of physical therapy in traumatology, upper extremities, lower extremities, and spinal injuries.

Course leaning objectives:

Upon completion of this course students will be able to:

1. Demonstrate an understanding of basic principles of musculoskeletal assessment.
2. Demonstrate an understanding of the potential variety of traumatic conditions affecting the musculoskeletal system.
3. Identify the most common injuries of the musculoskeletal system and rationalize a treatment plan.

Text Books:

1. Hamblen D.L. and Simpson A.H. Adams's. Outline of fractures: Including joint injuries. Churchill livingstone 2007. 12th edition. ISBN: 9780443102974.
2. Anwar R. et la. Classification and diagnosis in orthopedic trauma. Cambridge university press 2008. ISBN: 9780521700283.
3. Dandy DJ, and Edwards D. Essential orthopedic and trauma. Churchill livingstone 2009. 5th edition. ISBN: 9780443067181.
4. Ib D. Orthopedic trumatology. A resident's guide. Spring, 2006. ISBN: 9783540290650.

Corse Evaluation and grading:

- Two Individual Assignments (15%): will be distributed in class on Sunday and be due at the beginning of class on the next Sunday.
- One group case report (10%): each group will be required to hand in one case write up. The report should be (1500 words).
- Quizzes and class participation (5%): unannounced quizzes are given frequently in class.
- Two mid-term exams (30%).
- Final exam (40%).

List of Topics	No of week	Date	
<ul style="list-style-type: none"> · Course overview · Introduction to Musculoskeletal system. · Anatomical nomenclature & injury classification. 	1	27-Jan	
<ul style="list-style-type: none"> · Terminology in musculoskeletal truma · Fracture: general aspect – fracture healing 	2	3-Feb	
<ul style="list-style-type: none"> · The 5 elements of patients management in PT. · Evidence-base practice in the assessment and management of musculoskeletal injury. 	3	10-Feb	
<ul style="list-style-type: none"> · Current issue in sport and occupational injury · Musculoskeletal injury prevention. 	4	17-Feb	1 st Assignment due date
1 st MIDTERM EXAM.	5	24-Feb	
Shoulder & Arm.	6	3-Mar	
Elbow & Forearm.	7	10-Mar	
Wrist & Hand.	8	17-Mar	
SPRING BREAK.	9	24-Mar	
Hip & Thigh.	10	31-Mar	2 nd Assignment due date.
2 nd MIDTERM EXAM.	11	7-Apr	
Knee & Leg.	12	14-Apr	
Ankle & Foot.	13	21-Apr	
Cervical & Thoracic.	14	28-Apr	
Case report due date with presentation	15	5-May	
Review.	16	15-May	

STATEMENT OF INTENT TO COMPLY WITH CONTENT OF

KING SAUD UNIVERSITY

COLLAGE OF APPLIED MEDICAL SCIENCES

DEPARTMENT OF REHABILITATION SCIENCES

PHYSICAL THERAPY PROGRAM

Trumatology RHS 231

COURSE SYLLABUS

First semester/2013

I have received a copy of the RHS 231 course syllabus. I have read the syllabus and understand its contents and intend to comply with the contents of this syllabus. I understand that failure to comply with the contents of this syllabus and/or meet the course objectives as stated in this syllabus may result in failure of the course and dismissal from the program.

STUDENT'S NAME

STUDENT'S MOBILE NUMBER

STUDENT'S EMAIL

STUDENT'S SIGNATURE

DATEM