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**ATTACHMENT 2 (e)**

**Course Specifications**

**Kingdom of Saudi Arabia**

**The National Commission for Academic Accreditation & Assessment**

**Course Specifications**

**Principles of Occupational Therapy (504 PHTH)**

**مبادئ العلاج الوظيفي 504 عطب-2**

**Second semester of the academic year 1437/1438 H**

### Course Specifications

Institution: <b>Najran university</b>	Date of Report : <b>8-1438 H</b>
College/Department : <b>College of applied medical science / Department of Medical Rehabilitation Science.</b>	

#### A. Course Identification and General Information

1. Course title and code: : Principles of occupational therapy ( <b>504 PHTH</b> ) مبادئ العلاج الوظيفي 504 عطب - 2			
2. Credit hours: <b>2 (1+1)</b>			
3. Program(s) in which the course is offered : <b>Physiotherapy</b> (If general elective available in many programs indicate this rather than list programs)			
4. Name of faculty member responsible for the course : <b>Dr.Mohamed Samy Mohamed</b>			
5. Level/year at which this course is offered : : <b>9<sup>th</sup> level/ 5<sup>th</sup> year</b>			
6. Pre-requisites for this course (if any) <b>405 PHTH</b>			
7. Co-requisites for this course (if any)			
8. Location if not on main campus : <b>main campus</b>			
9. Mode of Instruction (mark all that apply)			
a. Traditional classroom	<input checked="" type="checkbox"/>	What percentage?	<input type="text" value="100"/>
b. Blended (traditional and online)	<input type="checkbox"/>	What percentage?	<input type="text"/>
c. e-learning	<input type="checkbox"/>	What percentage?	<input type="text"/>
d. Correspondence	<input type="checkbox"/>	What percentage?	<input type="text"/>
f. Other	<input type="checkbox"/>	What percentage?	<input type="text"/>
Comments:			

## B Objectives

1. What is the main purpose for this course? At the end of this course the student should be able to: <ul style="list-style-type: none"> <li>Define the theoretical basis of occupational therapy and its relation to physical therapy.</li> <li>Demonstrate the practical basis needed in the application of basic occupational therapy.</li> </ul>
2. Briefly describe any plans for developing and improving the course that are being implemented. (e.g. increased use of IT or web based reference material, changes in content as a result of new research in the field) <ul style="list-style-type: none"> <li>Continuous updating of the information, knowledge and skills included in the course through continuous search for the new knowledge and skills available in recent publications (books, researches, internet and others).</li> <li>Verifying the information resources.</li> <li>Continuous improvements in teaching methods as well as encouraging the students to participate effectively in the lectures.</li> <li>Continuous evaluation of the course content, student level and establish plans accordingly.</li> </ul>

## C. Course Description (Note: General description in the form to be used for the Bulletin or handbook should be attached)

This course demonstrates and practice of the evaluative and effective principles of occupational therapy management procedures used in various conditions. And teach the students how to evaluate, plan and implement the appropriate occupational therapy program to individuals with various problems whom treated by medical or surgical procedures.

1. Topics to be Covered			
List of Topics		No. of Weeks	Contact Hours
1	Introduction to occupational therapy	1	3 ( 1+2 )
2	Occupational therapy: Its relation to allied medical services	1	3 ( 1+2 )
3	Treatment personnel, methods and media	1	3 ( 1+2 )
4	The scope of occupational therapy and the general principles underlying the treatment	1	3 ( 1+2 )
5	Assessment of patient: reporting & recording (part I)	1	3 ( 1+2 )
6	Assessment of patient: reporting & recording (part II)	1	3 ( 1+2 )
7	Methods of instruction	1	3 ( 1+2 )
8	Occupational therapy as a supportive measure	1	3 ( 1+2 )

9	Occupational therapy for the restoration of physical function (part I)	1	3 ( 1+2 )
10	Occupational therapy for the restoration of physical function (part II)	1	3 ( 1+2 )
11	Activities of daily living	1	3 ( 1+2 )
12	Development of hand skills	1	3 ( 1+2 )
13	Orthosis for lower extremities	1	3 ( 1+2 )
14	Orthosis for upper extremities	1	3 ( 1+2 )
15	Occupational therapy for neurological conditions	1	3 ( 1+2 )
16	Domiciliary occupational therapy	1	3 ( 1+2 )

2. Course components (total contact hours and credits per semester):

	Lecture	Tutorial	Laboratory	Practical	Other:	Total
Contact Hours	16	-	-	32	-	48
Credit	1	-	-	1	-	2

3. Additional private study/learning hours expected for students per week.

2 h

4. Course Learning Outcomes in NQF Domains of Learning and Alignment with Assessment Methods and Teaching Strategy

	NQF Learning Domains And Course Learning Outcomes	Course Teaching Strategies	Course Assessment Methods
<b>1.0</b>	<b>Knowledge</b>		
1.1	Define Occupational therapy and its principles of movement enhancement and functional restoration .	<ul style="list-style-type: none"> <li>Lectures</li> </ul>	<ul style="list-style-type: none"> <li>Quizzes</li> <li>Assignment</li> <li>Written exams</li> </ul>
1.2	Recognize fundamental concepts and definitions of Occupational and physical therapy sciences and applied exercise' science that can be applied to practice.	<ul style="list-style-type: none"> <li>Lectures</li> </ul>	<ul style="list-style-type: none"> <li>Quizzes</li> <li>Assignment</li> <li>Written exams</li> </ul>

<b>2.0</b>	<b>Cognitive Skills</b>		
2.1	Differentiate and explain the principle role of occupational therapy activities used for rehabilitation of the patients with various disorders.	<ul style="list-style-type: none"> <li>● Lectures</li> <li>● Practical sessions</li> </ul>	<ul style="list-style-type: none"> <li>● Objective structured clinical exam</li> <li>● Written exams</li> </ul>
2.2	Analyze the treatment outcomes in relation to the pre settled goals and interpret the collected data to reach decision about the progress of the patient.	<ul style="list-style-type: none"> <li>● Lectures</li> <li>● Practical sessions</li> </ul>	<ul style="list-style-type: none"> <li>● Objective structured clinical exam</li> <li>● Written exams</li> </ul>
<b>3.0</b>	<b>Interpersonal Skills &amp; Responsibility</b>		
3.1	Use self directed learning.	<ul style="list-style-type: none"> <li>● Discussion</li> </ul>	<ul style="list-style-type: none"> <li>● Assignment</li> </ul>
3.2	Demonstrate ethically inside the lecture and practical classes with the staff, colleagues and environment like instruments, benches, practical devices.	<ul style="list-style-type: none"> <li>● Discussion</li> <li>● Practical sessions</li> </ul>	<ul style="list-style-type: none"> <li>● Assignment</li> <li>● Objective structured clinical exam</li> </ul>
<b>4.0</b>	<b>Communication, Information Technology, Numerical</b>		
4.1	Research internet as a mean of communication and source of information including electronic journals and data basis.	<ul style="list-style-type: none"> <li>● Presentation</li> <li>● Discussion</li> </ul>	<ul style="list-style-type: none"> <li>● Assignment</li> </ul>
<b>5.0</b>	<b>Psychomotor</b>		
5.1	Apply the relevant biomechanical and physiological principles in evaluation, treatment ,choose and evaluate orthotics and prosthesis intervention safely and effectively for musculoskeletal , neuromuscular disorders and motor development from occupational point of view.	<ul style="list-style-type: none"> <li>● Practical sessions</li> </ul>	<ul style="list-style-type: none"> <li>● Objective structured clinical exam</li> </ul>

<b>5. Schedule of Assessment Tasks for Students During the Semester</b>			
	Assessment task (e.g. essay, test, group project, examination, speech, oral presentation, etc.)	Week Due	Proportion of Total Assessment
1	First quiz	4	2.5 %
2	Assignment	6	5%
3	Midterm written exam	8	20%

	Midterm objective structured clinical exam	8	10%
4	Second quiz	13	2.5%
5	Final objective structured clinical exam	17	20%
6	Final written exam	18	40%

#### D. Student Academic Counseling and Support

##### 1. Arrangements for availability of faculty and teaching staff for individual student consultations and academic advice.

- Office hours: Sunday 1-3 PM
- Academic advisor for level 9: Dr. Emad Taha
- Academic advisor for the program: Dr. Mohamed Samy

#### E. Learning Resources

##### 1. List Required Textbooks

- Licht, S.: Occupational therapy source book. Baltimore, Williams & Wilkins, 1998.
- Clinical Reasoning in the Health Professions. Elsevier Health Sciences, 2008.
- Occupational Therapy in Action: A Library of Case Studies, LWW; First edition (February 1, 2016).
- Model of Human Occupation : Theory and Application. Lippincott Williams and Wilkins, 01 Dec 2008.

##### 2. List Essential References Materials (Journals, Reports, etc.)

- Rusk, H.A. et al.: Rehabilitation Medicine. 3rd ed., St.Louis, C.V. Mosby, 2003.
- Shaperman, J.W.: Learning techniques applied to prehension. American Journal of Occupational Therapy 14:70, 2000.
- Clinical Reasoning in the Health Professions. 3rd Edition Journal Chiropractic Educ. 2008 .

##### 3. List Recommended Textbooks and Reference Material (Journals, Reports, etc)

- Lowman, E.W., and Klinger, J.L.: Aids to independent living. New York, McGraw-Hill. 1990.

4. List Electronic Materials (eg. Web Sites, Social Media, Blackboard, etc.)
<ul style="list-style-type: none"> <li>• <a href="http://www.lhup.edu/yingram/jennifer/webpage/homepage2.htm">http://www.lhup.edu/yingram/jennifer/webpage/homepage2.htm</a></li> <li>• <a href="http://www.medicalgeek.com/clinical-skills-procedures/17164-manualmuscle-">http://www.medicalgeek.com/clinical-skills-procedures/17164-manualmuscle-</a></li> </ul>
5. Other learning material such as computer-based programs/CD, professional standards or regulations and software.
Not applied

## F. Facilities Required

Indicate requirements for the course including size of classrooms and laboratories (i.e. number of seats in classrooms and laboratories, extent of computer access etc.)
1. Accommodation (Classrooms, laboratories, demonstration rooms/labs, etc.)
<ul style="list-style-type: none"> <li>• Lecture room (20-25 seats) and occupational therapy laboratory are already available.</li> </ul>
2. Computing resources (AV, data show, Smart Board, software, etc.)
<ul style="list-style-type: none"> <li>• Computers and multimedia are already available.</li> </ul>
3. Other resources (specify, e.g. if specific laboratory equipment is required, list requirements or attach list)
<ul style="list-style-type: none"> <li>• Occupational therapy Lab, equipped with many equipments (see attached list).</li> </ul>

## G Course Evaluation and Improvement Processes

1. Strategies for Obtaining Student Feedback on Effectiveness of Teaching
<ul style="list-style-type: none"> <li>• Midterm evaluation feedback.</li> <li>• Completion of course evaluation questionnaire by each student.</li> <li>• End of term discussion between the teacher and the students regarding what went well and what could have gone better.</li> </ul>
2. Other Strategies for Evaluation of Teaching by the Program/Department Instructor
<ul style="list-style-type: none"> <li>• Observations from colleagues.</li> <li>• Class observation by supervisors.</li> <li>• Independent assessment of standards achieved by the students.</li> </ul>

### 3. Processes for Improvement of Teaching

- Continuous updating of course contents according to the previous course report.
- Regular meetings where problems are discussed and solutions given.
- Workshops on teaching methods.
- Review of recommended teaching strategies.

### 4. Processes for Verifying Standards of Student Achievement

- Check marking of a sample of student work by an independent faculty member.
- Periodic exchange and remarking of a sample of assignments with a faculty member in another institution.
- Students who believe they are under graded could have their papers checked by another reader.

### 5. Describe the planning arrangements for periodically reviewing course effectiveness and planning for improvement.

- Action plan for course improvement will be done according to the feedback about the course from students, other colleagues and the dean.

**Faculty or Teaching Staff: Dr. Mohamed Samy Mohamed Abdrabo**

Signature: *Mohamed Samy*

**Date Report Completed: 8-1438 H**

Received by: **Dr. Raee Alhyani**

**Dean/Department Head**

Signature: *Raee Alhyani*

**Date: 25 / 8 / 1438**