



Jordan University of Science and Technology
Faculty of Applied Medical Sciences
Occupational Therapy Department

O.T358 Upper Extremity Rehabilitation And Splinting Practical - JNQF Level: 7

Second Semester 2023-2024

Course Catalog

1 Credit Hours. This course provides practical skills in the assessment and treatment of most upper extremity conditions and disorders. Also, it details practical skills on soft splints' fabrication that are used in most upper extremity conditions.

Teaching Method: On Campus

Text Book

Title	Splinting Lab Manual
Author(s)	Salma Shqair
Edition	1st Edition
Short Name	Textbook 1
Other Information	

Instructor

Name	Dr. QUSSAI OBIEDAT
Office Location	-
Office Hours	Sun : 11:00 - 13:00 Mon : 14:30 - 15:30 Tue : 12:30 - 14:30 Wed : 10:30 - 11:30
Email	qmobiedat4@just.edu.jo

Class Schedule & Room

Section 1:

Lecture Time: Mon, Wed : 10:00 - 11:00

Room: LAB

Section 2:

Lecture Time: Mon, Wed : 12:30 - 13:30

Room: LAB

Section 3:

Lecture Time: Mon, Wed : 14:30 - 15:30

Room: LAB

Tentative List of Topics Covered

Weeks	Topic	References
Week 1	Introduction to splinting	
Week 2	Functional Splint & Burn splint (Static Splint) Drawing & Making	
Week 3	Antispasticity Splint (Static Splint) Drawing & Making	
Week 4	Cock-up Splint (Static Splint) Drawing & Making	
Week 5	Radial Nerve Palsy Splint (Dynamic splint) & Pronation Supination splint (Dynamic splint) Drawing & Making	
Week 6	Thumb Spica Splint (Static Splint) Short & -Long	
Week 8	U Shape Splint (Static Splint)	
Week 9	Mallet Finger Splint (Static Splint) & Swan neck and Boutonniere's deformities Splint (Static Splint) Drawing & Making	
Week 10	Ankle Foot Orthosis (AFO) Splint (Static Splint)	
Week 11	Cervical Collar	
Week 12	Padding and strapping	
Week 13	Provocative Testing & Hand assessments	

Mapping of Course Outcomes to Program Outcomes and NQF Outcomes
Course Outcome Weight (Out of 100%)
Assessment method

Review various diagnosis related to the field of splinting and orthosis, such as burns, amputations, & peripheral nerve injuries. [20PLO2] [20L7K1]	20%	Midterm Exam, Lab Activities, Final Exam
Ability to link each deformity, disease or injury with possible/recommended splinting types. [20PLO3] [10L7K1, 10L7S2]	20%	Midterm Exam, Lab Activities, Final Exam
Fabricate basic/commonly used splints, such as: Functional splint, cockup, thumb spica, and ankle-foot orthosis (AFO). [30PLO6] [15L7S1, 15L7S3]	30%	Midterm Exam, Lab Activities, Final Exam
Critique and analyze fabricated splints. [10PLO5, 10PLO7] [20L7S3]	20%	Midterm Exam, Lab Activities, Final Exam
Ability to educate splint users to achieve the best use and avoid complications. [10PLO9] [10L7C4]	10%	Midterm Exam, Final Exam

Relationship to Program Student Outcomes (Out of 100%)								
PLO1	PLO2	PLO3	PLO4	PLO5	PLO6	PLO7	PLO8	PLO9
	20	20		10	30	10		10

Relationship to NQF Outcomes (Out of 100%)				
L7K1	L7S1	L7S2	L7S3	L7C4
30	15	10	35	10

Evaluation	
Assessment Tool	Weight
Midterm Exam	40%
Lab Activities	20%
Final Exam	40%

Policy	
Statement on Professionalism	Professional behavior is expected of students at all times. Attitude and professional behavior are a minimum criterion for passing this class. Repeated lack of professional behavior will result in failure of this course. Examples of unprofessional behavior include but are not limited to: missing classes, tardiness, lack of attention for a speaker, talking to others during lecture, passing food during lecture, leaving a lecture prior to its completion without prior authorization of the instructor, working on other class material during class, inappropriate dress for labs, and sleeping during class.
Attendance	Attendance is mandatory and the student is responsible for any information discussed in the lecture sessions. It is imperative to attend all classes!

Absences	According to Student Manual (Item 8: B, C & D), students are not allowed to be absent for more than 10% of lectures without any official excuse (and more than 20% with an official excuse). If a student exceeds either cases, he or she will not be allowed to sit for future course exams and will earn the least possible grade for the course (35%), unless the student had already withdrawn from the course (according to item 13: B).
Exams	Exams may include essays and multiple-choice questions. It is imperative to attend all exams. Absence in any exam requires the approval of the head of department and the faculty dean to prepare and take a Make-up exam.
Cheating	Cheating is prohibited! Any student caught cheating in exams will be held accountable and will be disciplined per university regulations. The instructor will follow JUST's roles and regulation in the cases of cheating and/or plagiarism.
Cell phone and pagers	Please do not use cell phones or pagers in class. If you are depended upon for anticipated emergencies, please put cell phones on vibration mode and answer the phone outside the classroom.
Make-up will be granted in the following cases only:	Official university activities (with proper documentation) Extenuating circumstances (PRIOR approval should be obtained, or direct contact made with the instructor within 24 hours).
Expected workload	Students are expected to work sufficiently in order to ensure high learning quality. The students are expected to spend more time out of the class time preparing for the lectures/labs and dealing with the assignments.
Feedback	Concerns, complaints, questions, and/or feedback are appreciated and will be important for the instructor. You can contact your instructor using the e-mail: qmobiedat4@just.edu.jo

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