



Jordan University of Science and Technology
Faculty of Applied Medical Sciences
Clinical Rehabilitation Science Department

CR791 Research Methods In Rehabilitation Sciences - JNQF Level: 9

First Semester 2023-2024

Course Catalog

2 Credit Hours. This course provides an understanding of methodologies commonly used in rehabilitation research and the opportunity to identify research questions and develop appropriate protocols

Teaching Method: On Campus

Text Book

Title	REHABILITATION RESEARCH: Principles and Applications
Author(s)	Russell E. Carter and Jay Lubinsky
Edition	5th Edition
Short Name	Reference 1
Other Information	

Course References

Short name	Book name	Author(s)	Edition	Other Information
Reference 2	Title Research in occupational therapy: methods of inquiry for enhancing practice	Gary Kielhofner.	5th Edition	

Instructor

Name	Prof. Mahmoud Alomari
Office Location	M5L-4#24
Office Hours	
Email	alomari@just.edu.jo

Class Schedule & Room

Section 1:
 Lecture Time: Wed : 10:00 - 12:00
 Room: PH2101

Tentative List of Topics Covered

Weeks	Topic	References
Week 1	Introduction to Research Methods	From Reference 1 , From Reference 2
Week 2	Forming research questions, hypotheses, and importance	From Reference 1 , From Reference 2
Week 3	Forming research questions, hypotheses, and importance	From Reference 1 , From Reference 2
Week 4	Research approaches, types and designs	From Reference 1 , From Reference 2
Week 5	Research approaches, types and designs	From Reference 1 , From Reference 2
Week 6	Literature review	From Reference 1 , From Reference 2
Week 7	Literature review	From Reference 1 , From Reference 2
Week 8	Ethical concerns	From Reference 1 , From Reference 2
Week 9	Ethical concerns	From Reference 1 , From Reference 2
Week 10	Sampling	From Reference 1 , From Reference 2
Week 11	Validity and reliability	From Reference 1 , From Reference 2
Week 12	Data collection and instrumentation	From Reference 1 , From Reference 2
Week 13	Evidence-Based Practice (EBP)	From Reference 1 , From Reference 2
Week 14	Research dissemination	From Reference 1 , From Reference 2
Week 15	Research dissemination	From Reference 1 , From Reference 2

Mapping of Course Outcomes to Program Outcomes and NQF Outcomes	Course Outcome Weight (Out of 100%)	Assessment method
Able to apply knowledge of rehabilitation research design and research methods to critically analysis of research in the field of rehabilitation sciences [1PLO3, 1PLO4] [1L9K2, 1L9C1]	34%	Midterm, Final
Able to explore and critique methodologies commonly used to advance rehabilitation practice [1PLO3, 1PLO4] [1L9K2, 1L9C1]	33%	Midterm, Final
Able develop skills in conducting systematic literature reviews, critical appraisal, analyzing quantitative and qualitative data, research question development, and design [1PLO3, 1PLO4] [1L9K2, 1L9C2]	33%	Midterm, Final

Relationship to Program Student Outcomes (Out of 100%)						
PLO1	PLO2	PLO3	PLO4	PLO5	PLO6	PLO7
		50	50			

Relationship to NQF Outcomes (Out of 100%)		
L9K2	L9C1	L9C2
50	33.5	16.5

Evaluation	
Assessment Tool	Weight
Midterm	50%
Final	50%

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 fail the course. Examples of unprofessional behavior include but are not limited to missing classes (see attendance policy), tardiness, lack of attention for a speaker, talking to others during lectures, passing food during lectures, leaving a lecture before its completion without prior authorization of the instructor, working on other class material during class, inappropriate dress for labs, and sleeping during class.
Attendance policy:	? Students are expected to attend more than 90% of lectures If absence is more than 10% student will be banned from the course after electronic notification from the university through student e-mail.. ? Each student is expected to sit in his numbered seat ? Empty seats will be counted as absent ? All absences will be entered electronically into the University site
Communication with instructor	Electronic-mail is the best way to reach me as I consistently check it. However students still can use the above listed phone numbers.

Cell phones	Please do not use cell phones in class or labs. If you are depended upon for anticipated emergencies please put cell phones on vibration and answer the phone outside the classroom. I WILL KEEP MY CELL PHONE IN MY OFFICE OR ON VIBRATION MODE DURING CLASS TIME. Unfortunately, I have to remove the student from class in case the phone rings
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