



Jordan University of Science and Technology
Faculty of Applied Medical Sciences
Department of Rehabilitation Sciences
Second Semester
Course Syllabus

Course Information	
Course Title	OT Research Project
Course Code	OT 493
Prerequisites	PH 311 (Biostatistics)
Course Website	http://elearning.just.edu.jo (class materials will be uploaded there)
Time	
Place	Selected lectures in M3301 and "Database Search" training locations will be assigned
Course coordinator	Dr. Khader Almhdawi, PhD, OT
Office Location	Faculty of Applied Medical Sciences
Office Phone #	00962-2-7201000 Ext 23827
Office Hours	
Course co-advisors	TBA

Course Description
This course is designed to enable the student to implement a simple research activity. The student is expected to develop skills in scientific methods and critical analysis of research findings. Emphasis is on types of research, problem selection and hypothesis writing, research planning and design, data collection and measuring techniques, analysis and interpretation of data, and critical analysis of research reports.

Textbook	
Title	Introduction to Research: Understanding and Applying Multiple Strategies
Author(s)	DePoy, E. & Gitlin, L.
Publisher	Mosby.
Year	1998
Edition	Second Edition
Other references	American Psychological Association (2005). <i>APA Style</i> , (5th Ed.). Washington, DC: American Psychological Association.

Assessment		
Assessment	Expected Due Date	Percentage
Research ethics' Course completion		20%
Literature review		40%
Final Exam (if student's performance is unsatisfactory)		*
Final Project (paper submission and presentation)		40%
Total		100%

*** IMPORTANT NOTE:** The course offers specific research skills to be applied in the final research graduation project. Therefore, there is no final exam anticipated in this course. However, in case of unsatisfactory student's performance in course activities, final exam will be assigned. Students' grades on all activities (100%) will be transformed to a grade of 60% to make room for a 40% final exam pertaining to all materials presented in the course.

Course Objectives	Percentage
Demonstrate understanding of both qualitative and quantitative research methodologies.	10%
Recognize the different steps of research process.	20%
Demonstrate the ability to write a literature review on a topic of interest.	20%
Understand the different research designs and appropriate data analyses strategies.	10%
Write problem statements and hypotheses	10%
As a member of a collaborative research team, carry out a small research study on a current occupational therapy problem that needs to be investigated (topic must be approved).	10%
Master the ability of writing up a research proposal on a research topic of interest.	10%
Become a critical consumer of the professional research literature.	10%

Teaching & Learning Methods
• Power point presentations by the course coordinator or invited lecturers from JUST Library. All course material and communications will be conducted via E-learning link (www.just.edu.jo). • Class discussion • Students' projects presentations (with invited academic and public audience).

Learning Outcomes: Upon successful completion of this course, students will be able to		
	Related Objective(s)	Reference(s) Handouts
1	Demonstrate understanding of both qualitative and quantitative research methodologies.	▪ Introduction to Research handout
2	Recognize the different steps of research process.	▪ Introduction to Research handout
3	Demonstrate the ability to write a literature review on a topic of interest.	▪ Research article sample/ and discussion. ▪ Database engine search lecture
4	Understand the different research designs and appropriate data analyses strategies.	▪ Journal article analysis and discussion
5	Write problem statements and hypotheses	▪ Journal article analysis and discussion
6	As a member of a collaborative research team, carry out a small research study on a current occupational therapy problem that needs to be investigated (topic must be approved).	▪ Final Project assignment
7	Master the ability of writing up a research proposal on a research topic of interest.	▪ Final Project assignment
8	Become a critical consumer of the professional research literature.	▪ Journal article analysis ▪ Final Project assignment

Additional Notes

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.

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 number.

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.

Attendance: Attendance will not count for points in this class, however attending the lectures and labs will greatly enhance your grade. The student is responsible for any information discussed in lecture and lab sessions. It is **imperative** to attend all classes!

Absences: All absences will be entered electronically into the University site. 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 withdrew from the course (according to item 13: B). Student will be banned from the course after electronic notification from the university through student e-mail.

Make-up (including assignments) work will be granted for excused absences only:

- Serious illness (doctor's note required)
- Official university activities (with proper documentation)
- Extenuating circumstances (PRIOR approval should be obtained or direct contact made with the instructor within 24 hours)

Group discussions are highly recommended however it's crucial for each student to submit individual assignment, unless I indicate otherwise.

The student has one week from the time any test, assignment, or lab summary is returned to the class to appeal the grade.

The instructor reserves the right to make changes in the above syllabus at any time. The student has the right to be informed of any changes

Feedback:

Concerns or complaints should be expressed in the first instance to the course instructor. If no resolution is forthcoming then the issue should be brought to the attention of the Department Chair and if still unresolved to the Dean. Questions about the material covered in the lecture, notes on the content of the course, its teaching and assessment methods can be also sent by e-mail to the following address msnazzal@just.edu.jo.

Week	Date	Title of the Lecture/event
1-4		Introduction to the course Selecting advisors Introduction to Research Steps of research Finding a research question Start Literature review
5-8		(with your advisors) Qualitative and Quantitative Research Methodologies Database Engine Search lecture Research ethics' Course is due on 2-4-2014 Literature review draft is due on 9-4-2014
8-14		Free time for the writing of the project Complete project Paper draft is due on 14-5-2014 Power point presentation is due on 21-5-2014
15-16		Students' presentations of projects