



Jordan University of Science and Technology
 Faculty of Applied Medical Sciences
 Department of Rehabilitation Sciences
 2013-2014

Course Information	
Course Title	Graduation Seminar
Course Code	AS 493
Prerequisites	PH 311 Biostatistics
Time	Scheduled weekly meetings
Place	Office
Course coordinator	Fadwa Khwaileh, PhD
Office Location	Faculty of Applied Medical Sciences
Office Phone #	
Office Hours	
E-mail	fakhwaileh@just.edu.jo
Teaching Assistant(s)	NA

Course Description
<p>This course is designed to present the basics of research methodology including experimental design, human research, and critical analysis of related literature. The student will develop a research project with the consultation of a faculty member. The student, with guidance from a faculty member, will choose to a research project related to assessment and treatment of communication disorders, construct a research design, review related literature and journal articles, utilize practicum experience for data collection on human subjects, analyze and interpret the collected data both quantitatively and qualitatively in order to arrive at conclusions, clinical applications and recommendations for future research.</p>

Textbook	
Title	NA
Author(s)	
Publisher	
Year	
Edition	
Other references	

Important tasks and dates			
Task/Assessment	Expected Date	Notes	Points
Group formation		Submitted by email	5 points
Developing a research subject		Submitted by email	10 points
Constructing a research design and a research tool		Submitted by email	15 points
Data Collection		In campus & off campus	30 points
Data Analysis and interpretation		Submitted by email	10 points
Preparing for presentation		Submitted by email	5 points
Submitting data and presentation		Will be Scheduled	25 points
*10% of the points will be deducted from the group for each day delay			
*Email: fakhwaileh@just.edu.jo			

Course Objectives	Percentage
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Interact with other students to develop a feasible research topic and question	10%
Collaborated with faculty members to formulate a specific research topic, questions and hypotheses	10%
Conducted literature review relevant to a research topic	10%
Collect and analyze data concerning human subjects	30%
Orally presenting a research topic	40%

Teaching & Learning Methods	
<ul style="list-style-type: none"> • Power point presentation using a computer, data show and screen. • Class discussion <p>Teaching duration:</p> <ul style="list-style-type: none"> • Duration: 16 weeks • Lectures: 16 lecture, 1 hour each, office weekly meeting • Exams: presentations and data collection • Laboratory: 2 hours/week. 	

Learning Outcomes: Upon successful completion of this course, students will be able to		
	Related Objective(s)	References and Handouts
1	Work with teammates and advisor	Teacher-group interaction
2	Think independently and critically	Teacher-group interaction
3	Utilize the library and data bases	Teacher-group interaction
4	Read and extract information from research articles	Teacher-group interaction
5	Writing effectively to convey ideas and concepts to wide range of audiences	Teacher-group interaction

Tentative Course Schedule		
Date	Title of the Lecture	Lecturer
	Group formation	
	Introduction/Using Medline and other journal data bases	
	Developing a research subject	
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	Using Medline and other journal data bases	
	Constructing a research design and a research tool	
	Data collection	
	Data collection	
	Data collection	
	Data collection	
	Data collection	
	Data analysis and interpretation	
	Skills for oral presentation	
	Preparing presentation	
	Oral presentation	
	Final submission of all data and presentations	

