



## Post-Graduate Diploma in Clinical Supervision for Maternity Departments' supervisors



### Course syllabus for **Research in Maternity Practice (2 credit hours)** *Dr. Yousef AlJeesh.*

Meeting times: Saturday 11-1 pm  
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#### **Course Description:**

This course will enable the supervisor midwife to participate in the research process in midwifery. Contents will focus on problem identification, research design, sampling, data collection and analysis and interpretation of findings. Special attention will be given to develop the ability to criticize research studies in women's and maternal issues and to the selection of a researchable problem and the development of a plan.

#### **Course Objectives:**

At the end of this course, students will be able to:

1. Demonstrate extended knowledge of research methods.
2. Demonstrate competence with basic descriptive and inferential statistics and with elementary research designs.
3. Apply this knowledge to critical appraisals of relevant research domains and to generate researchable questions.
4. Demonstrate knowledge about quantitative and qualitative research,

#### **Learning and Teaching Methods:**

1. Lecture.
2. Discussion and debates.
3. Presentations.

#### **Course Evaluation:**

1. Mid-Term 30%
2. Research critique 10%
3. Research proposal 10%
4. Final exam 50%





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### **Course Distribution:**

Topic	Date	Tasks
Review of the basic research terminology , and variables	1st week	Read chapter 1, 2 and hand out
Research process Selecting and formulating the problem and the hypothesis	2nd week	Read chapter 4 and hand out
Study design	3rd week	Read chapter 3, 8, 9 and hand out
Study design	4th week	Read chapter 3, 8, 9 and hand out
Sample, sampling and calculation of sample size	5th week	Read chapter 13 and hand out
Data collection	6th week	Read chapter 14, 17 and handout
Mid-term exam		
Measurement , scaling, and instruments development	7 <sup>th</sup> week	Read chapter 15
Reliability, validity, Internal and external threats to validity	8th week	Read chapter 18 and hand out
Literature review	9th week	Read chapter 26 and hand out
Inferential procedures -Normal distribution Hypothesis testing - Type I error -Type II error	10th week	Read chapter 20 and 21 Handout
Evaluating and critique of research	11th week	Read chapter 26 and hand out
Citations and references	12th week	
Presentation of proposal	13th week	





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### **References:**

1. Carrol S and Huguetta C (2013). Doing a Research Project in Nursing and Midwifery: A Basic Guide to Research Using the Literature Review Methodology Paperback. SAGE Publications Ltd; USA
2. Sansnee J. Maree J. and Anthony W (2011). Research Methods in Nursing and Midwifery: Pathways to Evidence-Based Practice. Lippincott, New York, USA.
3. Polit, D. (2012). Nursing research: Principles and Methods (seventh edition), Lippincott, New York, USA.
4. Bruce, N., Pope, D. & Stani, D. (2008). Quantitative Methods for Health Research: A Practical Interactive Guide to Epidemiology and Statistics. UK: John Wiley & Son.
5. Saris, E. & Gallhofer, I.N. (2007). Design, evaluation and analysis of questionnaires for survey research. Canada: John Wiley & Son.

### **Important Information:**

- 1) Attendance is very essential during this course and for whole program.
- 2) Your mobile must be off during the lecture.
- 3) Participation during lecture is preferable for all students.
- 4) See please, the academic system for the university from the electronic site <http://academic.iugaza.edu.ps/> and see subject 6, and 8.

