Title: Midwifery Seminar I

Abbreviation and Number: MIDW314

School: Nursing and Allied Health Professions

Department: Allied Health

Credits: 3

Course Sequence: (X) Fall ( ) Spring ( ) Fall and Spring

Hours Per Week: (3) Lecture ( ) Seminar ( ) Laboratory ( ) Studio ( ) Kitchen

( ) Other (Specify)

Pre-requisite(s): MIDW306, MIDW308, MIDW309 or Permission of Chair/Instructor

Co-requisite(s): MIDW310, MIDW313, MIDW400

DESCRIPTION
Students are introduced to research methods. They critique research studies and apply research to clinical practice. Emphasis is on the need for nursing research to maximize evidence-based practice.

SPECIFIC OBJECTIVES
Upon successful completion of this seminar, students will be able to
1. Define basic terms and concepts of the research process;
2. Discuss the roles and responsibilities of the midwife in the research process;
3. Outline the steps in the research process;
4. Identify research designs relevant to clinical practice;
5. Develop a research question utilizing the patient intervention comparison outcome and time frame template (PICOT);
6. Examine the ethical and legal principles of research; and
7. Critique research relevant to midwifery practice;

COURSE CONTENT
I. Research Terms and Concepts
   A. Reliability, validity and trustworthiness
   B. Statistical bias
   C. Research control
   D. Randomness
   E. Generalizability and transferability
   F. Replication

II. Roles of the Nurse/Midwife in Research
   A. Consumer
      i. Evidence-based practice
      ii. Education
   B. Producer
   C. Replicator
   D. Data collector

III. Research Process
   A. Feasibility
   B. Purpose
   C. Problem
D. Hypothesis
E. Population
F. Literature review
G. Research design
H. Selecting variables
I. Selecting an instrument
J. Data collection
K. Data analysis
L. Writing a report

IV. Research Designs
A. Quantitative
B. Experimental
   A. Quasi-experiments
   B. Non-experimental
   C. Qualitative

V. PICOT Template
A. Patient population
B. Intervention or issue of interest
C. Comparison of intervention or issue of interest
D. Outcome
E. Time frame

VI. Ethical and legal issues
A. Principle of beneficence
B. Principle of respect for human dignity
C. Principle of justice
D. Informed consent
E. Confidentiality
F. Vulnerable subjects
G. External reviews

VII. Research critique and review
A. Selecting a topic
B. Interpreting a paper
C. Summarizing a paper
D. Critiquing a report

ASSESSMENT
Research Project........................................ 40%
Assignments........................................... 35%
Presentations........................................... 25%
Total.....................................................100%
REQUIRED TEXT

SUPPLEMENTARY READINGS/MATERIALS

JOURNALS
*Journal of Nurse Midwifery*
*Journal of Obstetrics, Gynecology and Neonatal Nursing*
*Maternal and Child Nursing*
*Nursing Research*
*Western Journal of Nursing Research*

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