**Research syllabus**

Course Description

This course is designed to introduce the students to research, the steps of the research process and its relevance to field of practice. Research designs, sampling, data collection methods and data analysis will be emphasized. Guidelines for conducting research critique and research utilization are includes. The course is designed to enhance the technological capabilities of students while learning about nursing research

Course Objectives

**Upon the completion of this course the student should be able to**

To the field of specialty Describe the significance of research-

Discuss ethics of research with human participants-

Describe the major steps in the research process-

Differentiate between quantitative and qualitative researches-

-Demonstrate skills using information and technologies in preparing a review of literature and data analysis

Critically review published researches-

Writing research proposal-

Course Content

Overview of nursing research-

- Ethics of research

-Problem statements, purpose statements and research

-hypotheses and questions

- Review of literature

-Quantitative research designs

- Qualitative research designs

-Sampling

- Data collection methods

-Data analysis

-Interpreting and reporting research results

-Research critique

- Utilization of research findings

**Course requirement**

Lectures and group discussion will be used as methods of teaching this course. Students Critique of selected topic research articles is a must. Research project will be required from each student by the end of the course

**Course Evaluation**

Midterm examination 20%

Writing research proposal 10 %

Discussion & participation 10 %

Research project 20%

Final written examination 40%