Course Content Summary

Course Prefix and number:  NUR 135  
Credits:  2

Course Title:  Dosage Calculations

Course Description

Focuses on the metric system and the use of ratio and proportion in the calculation of medications for adult and pediatric clients. Provides a practical approach to learning to calculate and prepare medications and solutions. Includes the calculation of intravenous flow rates. Lecture 2 hours per week.

Course Prerequisites

Placement test recommendation for MTH 120 or satisfactory completion of MTH 2 or equivalent.

Course Objectives:

Upon successful completion of the course, the student will be able to
a. Solve basic arithmetic problems involving fractions, decimals, ratio and proportion.
b. Solve word problems.
c. Solve applied nursing dosage calculation problems involving the following: metric, apothecary, conversion, oral, parenteral, IV rates and volumes, and pediatric dosages.

Major Topics to be Included:

a. Fractions/decimals
b. Ratio/proportion
c. Word problems
d. Metric conversions
e. Oral/parenteral dosages
f. IV rates/volumes
g. Pediatric problems

Effective Date of course Content Summary:  March 26, 2009