COURSE: NURSING 280

CREDIT HOURS: 1 Semester Hour

COURSE DESCRIPTION:

Nursing 280 Calculation of Medication Dosages and Solutions is a topic course designed to provide information for the calculations needed to accurately figure fractional dosages, equivalencies, individual safe dosages, and infusions as needed to safely implement medication administration for clients.

COURSE OBJECTIVES:

Upon successful completion of this course, the student should be able to consistently calculate accurate dosages of medications and solutions using:

1. Metric, household, and apothecary systems and their equivalencies;
2. IV infusions, solutions, and medications;
3. Methods for determining adult and pediatric safe dosages and solutions;
4. 24 hour clock, temperature conversion, unit, proportion, and milliequivalent;
5. Accurate computation of medication dosages and solutions according to medications amounts ordered and available medications, and