

Math for Medications

Health Services



Prerequisites:

- ◆ Required weekly Orientation every Wednesday at 8:15-11:00 am. in the Multi-purpose room and take the assessment test. (10th Grade Reading & 10th Grade Math level required for this program)

Fundamentals of Mathematics for Nursing

(90 hours of instruction) This course provides a review of the varied math skills that medical personnel need to use. By the end of this class, you'll have renewed confidence in performing basic math operations and in working with fractions, decimals, ratios, proportions, and percentages. You will be able to easily list the units of measurement used in the metric system and to convert numbers into equivalent units in different value systems. You will also be able to convert temperatures between Celsius and Fahrenheit, calculate flow rates for IV medications and fluid therapy, and to quickly perform dosage calculations and figure out the cost of medications.

Low Cost Training

Dosage Calculations

Math proficiency is considered one of the critical skills necessary to meet one of the requirements of nursing. This proficiency is basic to safely administering medications and intravenous fluids.

Nurses must perform dosage calculations when administering medications and intravenous fluids. Pharmacy math requires the nurse to know systems of measurement (metric, household, apothecary, and avoirdupois) and how to convert within those systems of measurement. Other systems of measurements include units (common for insulin and heparin), milliequivalents (mEq) (common for some drugs such as potassium chloride), and international units (IU) (common for vitamins). Since nurses need to accurately calculate medication dosages, it is essential to understand drug weights and measures.

To interpret physician's orders, the nurse must also understand abbreviations used to describe those units of measurement and frequency of administration.

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Introduction to Health Careers
class
at
(916) 433-2600 ext. 1000**





Math for Medications
6 Week Program
90 hours



COST TO ENROLL: FREE

CLASS SCHEDULE

New class will start every six week

Starting Dates

December 8, 2008

February 2, 2009

March 16, 2009

May 4, 2009

June 15, 2009

August 10, 2009

September 21, 2009

November 2, 2009

Monday to Friday

8:30 to 11:30 a.m. or 12:00 to 3:00 p.m.



ALL PRICES ARE SUBJECT TO CHANGE WITHOUT NOTICE

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Nancy Compton, Principal; Brant Choate, Assistant Principal
Office Hours
8:00 AM—6:30 PM Monday-Thursday
8:00 AM—4:00 PM Friday

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