Westbury High School

Lesson Plans

Pharmacology Technician

Teacher: Debra Hurt  Weeks of: 01-20-15-01-21-15

TEST TODAY (on the content below)

**Topics:**  Parental Routes- IV, IM, SQ and Intradermal injections

Common Routes to prescribe medication

**Key Terms: Medication routes**

**Objectives:**

1. Student will be able to demonstrate drawing medication from a vial or ampule using sterile techniques and pushing medications through IV fluids.

2. Student will interpret and determine the parental sites on the anatomy of the human body.

#. Students will learn all routes to administer medication.

C**lassroom Activities:**

1. Test on 200 drug list and Routes to give medications
2. Practice pushing IV medications (if times permits)
3. Review Video and Classroom discussions (**Guided practice**)

**Assessment:** Student demonstrate feedback when practicing IV push

Test

**Homework**: Lab work sheet on IV medications

Instructional Method:  Lecture with class discussion  Individual

Written work  Team

Demonstration  Audio/Visual

Work based  Independent Study

Materials Needed: Textbooks: The Pharmacy Technician-Mike Johnson

Pharmacy Tech Program-Kaduceus

Video

Worksheet

Other

Assessment:  Teacher evaluation  Peer/self- evaluation

Employer evaluation  Skills performance

Presentation  Tests

TEKS:

|  |  |
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| Knowledge & Skills | Student Expectations |
| 1. The student applies math, science, English language arts, & social sciences in health science. | a. interpret data from various sources to make conclusions  b. compile information from a variety of sources to create a technical report  c. research, write, & present a technical report  d. plan, prepare, & deliver a presentation  e. identify the environmental factors that affect homeostasis  f. observe & relate anatomical structure to physiological functions  g. identify atypical anatomy & physiology  h. use the scientific method to prepare clinical case studies  i. compare & contrast community health issues of the U.S. with other countries  j. compare & contrast various health care reform plans |
| 2. The student used verbal & non-verbal communication skill. | a. accurately describe observations & procedures related to client care  b. demonstrate advanced communication skills to provide quality client care  c. identify barriers to communication & take measures to minimize their effects |
| 3. The student knows the knowledge & skills necessary to maintain employment. | a. monitor & evaluate his/her own performance to ensure continuous improvement  b. adjust career goals based on personal interests & clinical experience    c. describe the steps necessary for entrepreneurship in a free enterprise system  d. identify & follow procedures for advancement, resignation, or relocation  e. transfer knowledge & skills to new situations & apply problem-solving strategies.  f. demonstrate proficiency in medical terminology  g. update skills to enhance employability |
| 4. The student knows ethical behavior standards & legal responsibilities. | a. practice ethical behavior standards  b. comply with industry standards of confidentiality  c. comply with protocol & legal requirements & perform within the designated scope of practice  d. review court cases related to professional liability & ethics |
| 5. The student knows the importance of functioning as a health care team member. | a. participate in team teaching  b. refine consensus-building techniques  c. manage conflicts using peer mediation, problem-solving, & negotiation skills  d. identif6y leadership opportunities in the community |
| 6. The student maintains a safe environment to prevent hazardous situations. | a. comply with standard precautions  b. teach principles of body mechanics to others  c. develop a fire prevention plan  d. respond to emergency situations consistent with level of training  e. participate in a disaster drill  f. comply with regulatory standards & guidelines |
| 7. The student demonstrates multi-competent health care worker knowledge & skills. | a. identify knowledge & skills that are transferable among occupations  b. predict client’s needs for follow-up or alternative care  c. update skills to enhance employability |