SYLLABUS

PART I

EDISON STATE COMMUNITY COLLEGE

NUR 102S PHARMACOLOGY OF PRACTICAL NURSING

2 CREDIT HOURS

COURSE DESCRIPTION

Introduces the study of drug classifications, their mechanisms of action, and side effects. Content also includes dosage calculations, legal aspects of drug administration, preparation and administration of drugs, and associated nursing care and implications. Prerequisite or Co-requisite: BIO 140S, BIO 124S, and NUR 100S with a grade of “C” of better. Department acceptance into the nursing program is required.

COURSE GOALS

The student will:

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| Bloom’s Level |  | Program Outcomes |
| 2 | 1. Discuss legal, ethical and cultural responsibilities in relation to medication administration. | 1 |
| 1 | 1. Describe the psychological aspects of medication administration. | 2 |
| 2 | 1. Discuss the nurse’s role in medication administration including teaching, supervision and delegation. | 4 |
| 2 | 1. Discuss the safety guidelines for medications administration. | 2 |
| 2 | 1. Identify necessary drug information and evidence-based practices using a variety of information sources. | 5 |
| 2 | 1. Discuss drug action and uses, safe dosages, side effects, and nursing implications of drugs. | 2 |
| 3 | 1. Calculate drug dosages for adult clients. | 2 |
| 1 | 1. Describe special aspects of drug therapy for the elderly, infants, and young children. | 2 |
| 1 | 1. Describe how to record medication administration using various health information systems. | 5 |
| 2 | 1. Discuss substance abuse. | 3 |

CORE VALUES

The Core Values are a set of principles that guide in creating educational programs and environments at Edison State. They include communication, ethics, critical thinking, human diversity, inquiry/respect for learning, and interpersonal skills/teamwork. The goals, objectives and activities in this course will introduce/reinforce these Core Values whenever appropriate.

TOPIC OUTLINE

1. Pharmacological Principles
2. Medications Affecting the Nervous System
3. Medications Affecting the Respiratory System
4. Medications Affecting the Cardiovascular System
5. Medications Affecting the Hematologic System
6. Medications Affecting the Gastrointestinal System and Nutrition
7. Medications Affecting the Reproductive System
8. Medications for Joint and Bone Conditions
9. Medications for Pain and Inflammation
10. Medications Affecting the Endocrine System
11. Medications Affecting the Immune System
12. Medications for Infection
13. Complementary and Alternative Medications