

I. COURSE INFORMATION

- A. Allied Health MED 103 Medication Aide (CMA)
- B. 5 credit hours
- C. Gauwitz, Donna. *Administering Medications*. 9th ed. McGraw Hill, 2020
- D. Prerequisites: MED 102 and ACT Reading score 16 and above; or Accuplacer Reading score Next Gen 209 and above; or completion of COL 040 with a C grade or above
- E. Requirements: 18 years of age or older and active State of Kansas CNA certification

II. COURSE DESCRIPTION

The Medication Aide course is designed to include the development of medicine knowledge, use of medicines, effects of medicine, administering medications, including preparation and accurate distribution of medicine for safety of the patient.

III. LEARNING OUTCOMES

- A. Recognize, understand and perform the role and responsibilities of CMA
- B. Understand the legal, ethical and current practices
- C. Understand safety and drug administration, including: communication, infection prevention and control, pharmacodynamics, forms in medication, common medical abbreviations, mathematics, weights, measurements, drug standards and names, drug resource information, cardiovascular system, urinary system, respiratory system, digestive system, nervous system, drugs affecting the special senses: eyes and ears, musculoskeletal system, endocrine system, reproductive system, integumentary system, anti-infective agents, vitamins, minerals and herbs
- D. Understand administration of medications including: preparing to administer medications, recording medication administration, administering medication to the elderly
- E. Understand and perform proper administration of: dressings, topical medication, soaks, ear medication, eye medication, inhaler therapy, medication patches, nasal inhaler therapy, nebulizer therapy, oxygen, skin ointment and lotion, rectal suppository, vaginal suppository
- F. Recognize list of common medication and medication classifications

IV. MAJOR CONTENT AREAS

- A. Medical laws
- B. Assisting with the nursing process
- C. Body structure and function
- D. Basic pharmacology
- E. Drug orders and prescriptions
- F. Medication safety
- G. Oral, sublingual and buccal drugs
- H. Topical drugs
- I. Eye, ear, nose, and inhaled systems
- J. Vaginal and rectal drugs
- K. Drugs affecting the nervous system
- L. Drugs used for common disorders and diseases
- M. Cortical-steroids and gonadal hormones
- N. Drugs used in men and women's health
- O. Drugs used in the treatment of cancer
- P. Drugs affecting muscles and joints
- Q. Drugs to treat infections
- R. Nutrition, herbal and dietary supplement therapy

V. ASSIGNMENTS (may include but are not limited to)

- A. Writing assignments
- B. Reading assignments

- C. Skill assessments
- D. Clinical practice and performance

VI. EVALUATION METHODS (may include but are not limited to)

- A. Attendance and participation
- B. Quizzes and exams
- C. Skill assessments
- D. Clinical performance assessment