SYLLABUS

DATE OF LAST REVIEW: 02/2013
CIP CODE: 51.0801
SEMESTER: Departmental Syllabus
COURSE TITLE: Pharmacology Administration
COURSE NUMBER: MEDA0130
CREDIT HOURS: 1
INSTRUCTOR: Departmental Syllabus
OFFICE LOCATION: Departmental Syllabus
OFFICE HOURS: Departmental Syllabus
TELEPHONE: Departmental Syllabus
EMAIL: Departmental Syllabus
KCKCC-issued email accounts are the official means for electronically communicating with our students.

PREREQUISITE(S): none

REQUIRED TEXT AND MATERIALS: Please check with the KCKCC-TEC bookstore, http://www.kckccbookstore.com/, for the required texts for your particular class.

COURSE DESCRIPTION:
In this course students prepare and administer medications via several routes including oral, parenteral (excluding intravenous), transdermal, and inhalation. Emphasis is placed on safe and accurate administration.

METHOD OF INSTRUCTION: A variety of instructional methods may be used depending on content area. These include but are not limited to: lecture, multimedia, cooperative/collaborative learning, labs and demonstrations, projects and presentations, speeches, debates, panels, conferencing, performances, and learning experiences outside the classroom. Methodology will be selected to best meet student needs.
COURSE OUTLINE:

I. Prepare proper dosages of medication for administration
   A. Identify measurement systems
   B. Define basic units of measurement in metric, apothecary and household systems
   C. Convert among measurement systems
   D. Identify both abbreviations and symbols used in calculating medication dosages

II. Administer parenteral medications (excluding intravenous)
    A. Verify ordered doses/dosages prior to administration
    B. Select proper sites for administering parenteral medication
    C. Administer parenteral (excluding IV) medications

III. Administer oral medication
    A. Verify ordered doses/dosages prior to administration
    B. Administer oral medications

IV. Administer transdermal medication
    A. Verify ordered doses/dosages prior to administration
    B. Administer transdermal medication

V. Administer inhaled medication
    A. Verify ordered doses/dosages prior to administration
    B. Administer inhaled medication

VI. Document information related to the administration of medications
    A. Use medical abbreviations, signs, and symbols in charting.
    B. Document accurately in the patient record
    C. Complete incident report when warranted.

EXPECTED LEARNER OUTCOMES:

A. The student will be able to prepare proper dosages of medication for administration.
B. The student will be able to administer parenteral medications (excluding intravenous).
C. The student will be able to administer oral medication.
D. The student will be able to administer transdermal medication.
E. The student will be able to administer inhaled medication.
F. The student will be able to document information related to the administration of medication.
COURSE COMPETENCIES:

The student will be able to prepare proper dosages of medication for administration.
1. The student will be able to identify measurement systems.
2. The student will be able to define basic units of measurement in metric, apothecary and household systems.
3. The student will be able to convert among measurement systems.
4. The student will be able to identify both abbreviations and symbols used in calculating medication dosages.

The student will be able to administer parenteral medications (excluding intravenous).
5. The student will be able to verify ordered doses/dosages prior to administration.
6. The student will be able to select proper sites for administering parenteral medication.
7. The student will be able to administer parenteral (excluding IV) medications.

The student will be able to administer oral medication.
8. The student will be able to verify ordered doses/dosages prior to administration.
9. The student will be able to administer oral medications.

The student will be able to administer transdermal medication.
10. The student will be able to verify ordered doses/dosages prior to administration.
11. The student will be able to administer transdermal medication.

The student will be able to administer inhaled medication.
12. The student will be able to verify ordered doses/dosages prior to administration.
13. The student will be able to administer inhaled medication.

The student will be able to document information related to the administration of medication.
14. The student will be able to use medical abbreviations, signs, and symbols in charting.
15. The student will be able to document accurately in the patient record.
16. The student will be able to complete incident report when warranted.
ASSESSMENT OF LEARNER OUTCOMES:
Student progress is evaluated by means that include, but are not limited to, exams, written assignments, and class participation.

SPECIAL NOTES:
This syllabus is subject to change at the discretion of the instructor. Material included is intended to provide an outline of the course and rules that the instructor will adhere to in evaluating the student’s progress. However, this syllabus is not intended to be a legal contract. Questions regarding the syllabus are welcome any time.

Kansas City Kansas Community College is committed to an appreciation of diversity with respect for the differences among the diverse groups comprising our students, faculty, and staff that is free of bigotry and discrimination. Kansas City Kansas Community College is committed to providing a multicultural education and environment that reflects and respects diversity and that seeks to increase understanding.

Kansas City Kansas Community College offers equal educational opportunity to all students as well as serving as an equal opportunity employer for all personnel. Various laws, including Title IX of the Educational Amendments of 1972, require the college’s policy on non-discrimination be administered without regard to race, color, age, sex, religion, national origin, physical handicap, or veteran status and that such policy be made known.

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