JEFFERSON COLLEGE

COURSE SYLLABUS

PNE 164

PHARMACOLOGY II

3 Credit Hours

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Curriculum Committee Approval Date: December 2019

Amy McDaniel, M.S.N. Ed., R.N. Director of Nursing
Kenneth Wilson, Associate Dean - School of Science and Health
Dr. Chris DeGeare, Dean of Instruction
PNE 164 PHARMACOLOGY II

I. CATALOG DESCRIPTION

A. Prerequisites: PNE163 Pharmacology I with a grade of “B” or better and reading proficiency

B. 3 Credit Hours

C. Pharmacology II is the second of two (2) courses presenting basic principles of pharmacodynamics while the student learns principles of pharmacodynamics utilized when administering commonly prescribed drugs in the clinical setting. Major drug classifications are introduced as well as usual and idiosyncratic effects and precautions with administration. Pharmacologic topics covered include drugs affecting the integumentary, musculoskeletal, renal, neurological, sensory, gastrointestinal, endocrine (including diabetes), and male/female reproductive systems. (S)

D. Fulfills Practical Nursing certificate requirement.

II. EXPECTED LEARNING OUTCOMES/CORRESPONDING ASSESSMENT MEASURES

| Integrate client cultural beliefs, preferences, and values related to medication administration. | Exams | Quizzes | Case Studies | Assignments |
| Examine the role of the licensed practical nurse related to all aspects of pharmacology including but not limited to adverse reactions, contraindications, interactions, therapeutic effect, and client teaching. | Exams | Quizzes | Case Studies | Assignments |
| Present strategies that create a culture of client safety as provided by Quality and Safety Education for Nurses competencies specific to medication administration. | Exams | Quizzes | Case Studies | Assignments |
| Apply principles of pharmacology related to health promotion, psychosocial, and physiological knowledge promoting clinical reasoning and clinical decision making. | Exams | Quizzes | Case Studies | Assignments |
| Implement therapeutic communication techniques related to client education of all pharmacological therapies. | Exams | Quizzes | Case Studies | Assignments |
Utilize the general principles of pharmacology and evidence-based practice when preparing a client-centered care plan.

III. OUTLINE OF TOPICS

A. Drugs Affecting the Musculoskeletal System
B. Drugs Affecting the Renal System
C. Drugs Affecting the Neurological System
D. Drugs Affecting the Gastrointestinal System
E. Drugs Used to treat Respiratory Disorders
F. Drugs Affecting the Endocrine System
G. Drugs Affecting the Male/Female Reproductive System

IV. METHODS OF INSTRUCTION

A. Lecture/PowerPoint
B. Reading Assignments
C. Study Guides
D. Audio Visual Aids
E. Printed Handout Material
F. In-Class Activities

V. REQUIRED TEXTBOOKS


VI. REQUIRED MATERIALS:

A. Pens
B. Note pads
C. Access to computing device and internet (available on campus)

VII. SUPPLEMENTAL REFERENCES


VIII. METHOD OF EVALUATION

A. Unit Exams 80%
B. Unit Preparation 5%
C. Comprehensive Final Exam 10%
D. Standardized Exams 5%

IX. ADA AA STATEMENT

Any student requiring special accommodations should inform the instructor and the Coordinator of Disability Support Services (TC101; phone 636-481-3169).

X. ACADEMIC HONESTY STATEMENT

All students are responsible for complying with campus policies as stated in the Student Handbook (see College website, [http://www.jeffco.edu](http://www.jeffco.edu)).

XI. ATTENDANCE STATEMENT

Regular and punctual attendance is expected of all students. Any one of these four options may result in the student being removed from the class and an administrative withdrawal being processed: (1) Student fails to begin class; (2) Student ceases participation for at least two consecutive weeks; (3) Student misses 15 percent or more of the coursework; and/or (4) Student misses 15 percent or more of the course as defined by the instructor. Students earn their financial aid by regularly attending and actively participating in their coursework. If a student does not actively participate, he/she may
have to return financial aid funds. Consult the College Catalog or a Student Financial Services representative for more details.

XII. OUTSIDE OF CLASS ACADEMICALLY RELATED ACTIVITIES

The U.S. Department of Education mandates that students be made aware of expectations regarding coursework to be completed outside the classroom. Students are expected to spend substantial time outside of class meetings engaging in academically related activities such as reading, studying, and completing assignments. Specifically, time spent on academically related activities outside of class combined with time spent in class meetings is expected to be a minimum of 37.5 hours over the duration of the term for each credit hour.