COURSE TITLE: Pharmacology II  COURSE NUMBER: NUR 2142

COURSE DESCRIPTION (with prerequisites):
This course builds on the acquired knowledge of basic pharmacology and is designed to enhance comprehension and integrate application of knowledge into safe and effective medication administration. Emphasis is provided in areas such as: specific pharmacologic effects and category, cellular or mechanism of action, therapeutic response, major side effects and adverse effects, patient assessment needed prior to medication administration, patient education, and other special nursing implications. The course content is developed to increase the learners’ degree of understanding related to medications and to decrease the errors associated with the administration of medications. The learners have previously demonstrated competency in preparing and administering medications via all routes. The administration of medication is integrated throughout the curriculum with the study of disorders of specific body systems.

Prerequisites: NUR 1211C/L, NUR 2522C/L, MCB 2010C/L, DEP 2004

All courses without the NUR prefix may be taken prior to entering the program. NUR courses must be taken in the semester that they are scheduled per the academic advising guide and admission schedule. Microbiology with Lab must be completed by the end of the semester listed on the academic advising guide. Humanities must be completed by the end of the semester listed on the academic advising guide. Students may not progress to the following semester unless all courses in the present semester have been completed with a “C” or higher. 2 semester hours credit {A}

NAME(S) OF INSTRUCTORS:
Chastity Duke RN, MSN, Ed.D
850-718-2334, Office Q-220
dukec@chipola.edu (preferred method of communication is via Canvas)

EFFECTIVE ACADEMIC YEAR:
2017-2018

REQUIRED TEXTBOOKS AND INSTRUCTIONAL MATERIALS:
Sherpath for Pharmacology (Kee/McCuistion Version) - Access Card
Recommended Textbooks:

**GRADING POLICY:**
The standing of a student in each course is expressed by one of the following letters and corresponding grading system:

**Grading Scale for Nursing Courses:**

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A & = 90 - 100 \\
B & = 80 - 89 \\
C & = 75 - 79 \\
D & = 60 - 74 \\
F & = 0 - 59
\end{align*}
\]

Please note that a minimum average grade of a non-rounded 75 on course exams, including mid-term is required in each nursing course before a student is eligible to take the final exam. All associate of science nursing students must complete the required academic courses with grade of “C” or higher. Students who do not complete a required academic course within the designated semester with at least a “C” will not be allowed to progress in the nursing program.

**ATTENDANCE AND WITHDRAWAL POLICIES:**
Chipola College expects regular attendance of all students, and all instructors record attendance daily. Students who are absent from classes for any reason other than official college activities must satisfy the instructor concerned that the absence was due to illness or other clearly unavoidable reasons. Otherwise, the student may suffer grade loss at the discretion of the instructor. Chipola policy allows each instructor to specify in the Instructor First Day Handout whether or not an absence is excusable and what affect the absence or tardy may have on the grade.

A student is allowed to repeat a course a maximum of three (3) times. **On the third attempt a student (1) must bear the full cost of instruction (unless waived by Student Services), (2) cannot withdraw, and (3) must receive a grade.**

**MAKE-UP POLICY:**
Chipola allows each instructor to specify in the Instructor First Day Handout the makeup policy.

**ACADEMIC HONOR CODE POLICY:**
Students are expected to uphold the Academic Honor Code. Chipola College’s Honor Code is based on the premise that each student has the responsibility to (1) uphold the highest standards of academic honesty in his/her own work; (2) refuse to tolerate academic dishonesty in the college community; and (3) foster a high sense of honor and
social responsibility on the part of students. Further information regarding the Academic Honor Code may be found in the Chipola Catalog, Student Governance section.

**STUDENTS WITH DISABILITIES POLICY:**
Chipola College is committed to making all programs and facilities accessible to anyone with a disability. Chipola’s goal is for students to obtain maximum benefit from their educational experience and to effectively transition into the college environment. Students with disabilities are requested to voluntarily contact the Office of Students with Disabilities to complete the intake process and determine their eligibility for reasonable accommodations.

**NOTICE OF EQUAL ACCESS/EQUAL OPPORTUNITY AND NONDISCRIMINATION:**
Chipola College does not discriminate against any persons, employees, students, applicants or others affiliated with the college with regard to race, color, religion, ethnicity, national origin, age, veteran’s status, disability, gender, genetic information, marital status, pregnancy or any other protected class under applicable federal and state laws, in any college program, activity or employment.

Karan Davis, Associate Vice President of Human Resources, Equity Officer and Title IX Coordinator, 3094 Indian Circle, Marianna, FL 32446, Building A, Room 183A, 850-718-2205, davisk@chipola.edu.

**LIBRARY AND ON-LINE REFERENCE MATERIALS:**
The library is a comprehensive learning resource center providing information in print, electronic, and multimedia format to support the educational objectives of the College. On-line catalogs, e-books and electronic databases can be accessed by using the LINCCWeb icon on the Chipola Library website at [www.chipola.edu/library](http://www.chipola.edu/library). If you have questions about database usage consult the "How to Use the Chipola Databases" on the Library website or call the Library at 850/718-2274 during regular hours. Library hours are posted each semester at the building entrance and on the Library website. See your Instructor First Day Handout for individual instructor recommendations and resources.

**TECHNOLOGY RESOURCES:**
The college’s learning management system is Canvas. Classes become available on Canvas on the first day of the semester. It is the student’s responsibility to log onto the Canvas system the first day of class to establish the first day of attendance and to check announcements. All official class communication must be through Canvas. For further information, contact your instructor or the Director of eLearning. The Canvas support hotline is available online in live chat and on the phone, toll-free, at 855-308-2812 for any issues in accessing or utilizing Canvas. The Technology Center, located in the library, is equipped with computer workstations. Lab hours are posted each semester at the building entrance and on the Library website.

**FREE TUTORING RESOURCES:**
The Academic Center for Excellence (ACE) Lab, located in Building L, offers free tutoring from 8 a.m. to 5 p.m. and is equipped with computer workstations. ACE lab hours are posted each semester at the room entrance and on the website. Additionally, Chipola College has contracted Smarthinking, a Pearson Company, for online tutoring services, accessible especially from 5 p.m. to 8 a.m. and weekends. Smarthinking can be accessed through Canvas.
ELECTRONIC DEVICE USAGE STATEMENT:
Classrooms should be free of all unnecessary distractions from the task of learning. Therefore, as a general rule, students should silence and avoid use of all electronic devices (laptops, phones, tablets, etc.) not being used for coursework. Consult first-day handouts for any specific policies related to the use of electronic devices in the classroom, as they may vary depending upon the nature of the course or the guidelines of the instructor. Faculty reserve the right to regulate the use of electronic devices and their accessories in class.

DISCIPLINE SPECIFIC COMPETENCIES / LEARNING OUTCOMES:
Professional standards that guide the student learning outcomes include the following sources: Healthy People 2020, National Patient Safety Goals, and ACEN standards.

N1. Demonstrate knowledge of common, well-defined health needs with predictable outcomes and prioritize and perform therapeutic interventions using current nursing care standards.

N2. Apply foundational knowledge of the nursing process on providing advanced nursing care for clients throughout the life span.

N3. Apply therapeutic communication techniques in providing advanced nursing care for clients throughout the life span.

N4. Utilize critical thinking skills in providing collaborative care for clients with selected health alterations.

N5. Identify culturally diverse populations and formulate and care to reflect diversity throughout the life span.

N6. Demonstrate use of relevant technology for client care and documentation.

N7. Synthesize the use of safe, legal, ethical and professional practices to meet the needs of individuals throughout the life span.

Professional Standards
Healthy People 2020

National Patient Safety Goals

ACEN Standards
LINKING COURSE-LEVEL STUDENT LEARNING OUTCOMES WITH DISCIPLINE-SPECIFIC COMPETENCIES, ASSESSMENT METHODS, AND ARTIFACTS

COURSE-LEVEL STUDENT LEARNING OUTCOMES FOR NUR 2142

- Knowledge of pharmacology; drug name, classifications, and action; adverse effects; drug dose calculations for infusion rates, titration, and compatibilities.
- Knowledge of safe preparation and administration of medications.
- Knowledge to develop teaching plans to meet client needs specific to medication administration.
- Knowledge of resources when encountering question of medications or dosing parameters.
- Ability to use equipment correctly and implement techniques for safe and effective preparation and administration of medication.

COURSE-LEVEL STUDENT LEARNING OUTCOMES

<table>
<thead>
<tr>
<th>DISCIPLINE-SPECIFIC GENERAL EDUCATION COMPETENCIES</th>
<th>ASSESSMENT METHODS FOR COURSE LEVEL STUDENT LEARNING OUTCOMES</th>
<th>LEARNING ARTIFACTS FOR AA PROGRAM ASSESSMENT</th>
</tr>
</thead>
<tbody>
<tr>
<td>N1-N7 (for all)</td>
<td>T, UT, Q, CF, CS, SP, PS, Clinical (for all)</td>
<td>Portfolio (for all)</td>
</tr>
</tbody>
</table>

**Assessment Codes**

- T = Tests
- Pre/Post = Pre- and Post-Tests
- OT = Objective Tests
- UT = Unit Tests
- Q = Quizzes
- F = Final Examination
- CF = Cumulative Final
- EX = Departmental Exam
- SE = Nat’l or State Standardized Exam
- RPT = Report/Presentation
- SP = Skills Performance
- SD = Skills Demonstration
- W = Writing Assignments
- E = Essays
- DE = Documented Essays
- RP = Research papers
- J = Jury
- R = Recital
- Proj. = Projects
- Exp. = Experiments
- Cap. Proj. = Capstone Project
- Cap. Course = Capstone Course
- Prac. = Practicum
- Intern. = Internship
- H = Homework
- PS = Problem Solving
- DB = Discussion Board
- BO = Behavioral Observation
- Clin. = Clinicals
- CS = Case Study
- CP = Case Plan
- Port. = Portfolio
- Obs. = Teacher Observation
- Sk. Check = Skills Check-off
- Curricular Frameworks
- JP = Judged
- Performance/Exhibition

MEANS OF ACCOMPLISHING STUDENT LEARNING OUTCOMES:

Lecture, discussions, selected reading, handouts, audio-visuals, skills lab, return demonstration, clinical lab, and/or computer lab, and testing.

Evaluation Methods:
1. Unit Exams 60%
2. Mid-term Exam 15%
3. Final Exam 15%
4. Quizzing 10% (added after a non-rounded 75% course grade is achieved)
Students are allowed one week from his/her test date to review unit exams and the mid-term exam, after one week all grades are final. Also, students must have a non-rounded 75% between the unit exams and the mid-term exam to be eligible to take the final exam.

ASSIGNMENT AND/OR COURSE OUTLINE
- The Nursing Process
  - Assessing the Medication History
  - Diagnosing
  - Planning: Expected Outcomes
  - Implementing: Administering a Medication
  - Evaluation
- Area of Medication Discussion
  - Dermatologic
  - Cardiovascular
  - Respiratory
  - Anti-infective/anti-inflammatory
  - Gastrointestinal/nutritional
  - Optic & ophthalmic
  - Neurological
  - Genitourinary
  - Reproductive
  - Cancer & Immune
  - Other areas as deemed necessary per instructor

See your Instructor First Day Handout for individual instructor assignment schedule.