

Course Outline of Record

1. Course Code: HS-065
2.
 - a. Long Course Title: Basic Pharmacology
 - b. Short Course Title: BASIC PHARMACOLOGY
3.
 - a. Catalog Course Description:
 This course provides an introduction to basic pharmacology. Content covers major categories and classes of pharmacological agents. The actions, untoward actions, and desired and undesired effects of commonly used drugs in the major classifications are presented.
 - b. Class Schedule Course Description:
 This introductory level course provides an overview of underlying disease processes in health care settings, and their associated drug therapies to reach therapeutic goals.
 - c. Semester Cycle (*if applicable*): Fall
 - d. Name of Approved Program(s):
4. Total Units: 3.00 Total Semester Hrs: 54.00
 Lecture Units: 3 Semester Lecture Hrs: 54.00
 Lab Units: 0 Semester Lab Hrs: 0
 Class Size Maximum: 40 Allow Audit: No
 Repeatability No Repeats Allowed
 Justification 0
5. Prerequisite or Corequisite Courses or Advisories:
Course with requisite(s) and/or advisory is required to complete Content Review Matrix (CCForm1-A)
 Advisory: BI 004
6. Textbooks, Required Reading or Software: (*List in APA or MLA format.*)
 - a. Clayton, B, Willihnganz, M (2017). *Basic Pharmacology for Nurses* (17th/e). St. Louis Mosby Co.. ISBN: 9780323311120
 College Level: Yes
 Flesch-Kincaid reading level: 13
 - b. Clayton, B, Willihnganz, M (2017). *Basic Pharmacology for Nurses Study Guide* (17th/e). St. Louis Mosby Co.. ISBN: 9780323396110
 College Level: Yes
 Flesch-Kincaid reading level: 12th
7. Entrance Skills: *Before entering the course students must be able:*
 - a.
 - Knowledge of life systems
 - BI 004 - Identify and explain basic anatomical and physiological characteristics of life systems.
 - BI 004 - Demonstrate knowledge of essential life processes such as metabolism, photosynthesis, respiration, sensitivity, digestion, circulation, reproduction, ecology, evolution, and behavior.
8. Course Content and Scope:

Lecture:

1. Foundations of pharmacology.
2. Orientation to sources, use, standards, and legislation related to medications.
3. Actions, effects and reactions of medications.
4. Drugs used in:
 1. Fluid balance
 2. The Respiratory system
 3. The Endocrine system
 4. The Cardiovascular system
 5. The Genitourinary system
 6. The Musculoskeletal system
 7. The Autonomic and Central Nervous system
 8. The Digestive system
 9. The Reproductive system
 10. Oncology and Disease control
5. Drug therapies for specialized populations across the lifespan.

Lab: (if the "Lab Hours" is greater than zero this is required)

9. Course Student Learning Outcomes:

1.
Students will synthesize drug therapy implications on disease processes.
2.
Students will analyze pharmacological processes within each body system.
3.
Students will evaluate drug therapies for specialized populations across the lifespan.

10. Course Objectives: *Upon completion of this course, students will be able to:*

- a. Utilize pertinent drug information using appropriate reference materials.
- b. Identify the most commonly used drugs of each classification.
- c. Discuss drug actions, distribution and therapeutic effects within each body system.
- d. Describe drug therapy for specialized populations.
- e. Demonstrate understanding of disease processes with drug interactions.
- f. Explain basic principles of pharmacology.

11. Methods of Instruction: (*Integration: Elements should validate parallel course outline elements*)

- a. Demonstration, Repetition/Practice
- b. Discussion
- c. Lecture
- d. Participation

12. Assignments: (*List samples of specific activities/assignments students are expected to complete both in and outside of class.*)

In Class Hours: 54.00

Outside Class Hours: 108.00

a. In-class Assignments

- Participation in class discussions
- Participation in small group work
- Demonstration of associated skills
- Testing, including quizzes and unit exams
- Case studies

b. Out-of-class Assignments

- Reading of assigned material prior to class
- Completion of assignments

13. Methods of Evaluating Student Progress: *The student will demonstrate proficiency by:*

- Group activity participation/observation
Case presentations
- True/false/multiple choice examinations
Answer multiple-choice, matching, and fill-in-the-blank questions
- Student participation/contribution
Participating in class (attendance and discussion)

14. Methods of Evaluating: Additional Assessment Information:

15. Need/Purpose/Rationale -- *All courses must meet one or more CCC missions.*

PO - Career and Technical Education

Apply critical thinking skills to research, evaluate, analyze, and synthesize information.

IO - Personal and Professional Development

Value diverse cultures and populations.

IO - Critical Thinking and Communication

Apply principles of logic to problem solve and reason with a fair and open mind.

16. Comparable Transfer Course

University System	Campus	Course Number	Course Title	Catalog Year
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17. Special Materials and/or Equipment Required of Students:

18. Materials Fees: Required Material?

Material or Item	Cost Per Unit	Total Cost
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19. Provide Reasons for the Substantial Modifications or New Course:

Major course modification.

20. a. Cross-Listed Course (*Enter Course Code*): *N/A*
 b. Replacement Course (*Enter original Course Code*): *N/A*

21. Grading Method (*choose one*): Letter Grade Only

22. MIS Course Data Elements

- a. Course Control Number [CB00]: CCC000228880
- b. T.O.P. Code [CB03]: 129900.00 - Other Health Occupations
- c. Credit Status [CB04]: D - Credit - Degree Applicable
- d. Course Transfer Status [CB05]: C = Non-Transferable
- e. Basic Skills Status [CB08]: 2N = Not basic skills course
- f. Vocational Status [CB09]: Clearly Occupational
- g. Course Classification [CB11]: Y - Credit Course
- h. Special Class Status [CB13]: N - Not Special
- i. Course CAN Code [CB14]: *N/A*
- j. Course Prior to College Level [CB21]: Y = Not Applicable
- k. Course Noncredit Category [CB22]: Y - Not Applicable
- l. Funding Agency Category [CB23]: Y = Not Applicable

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m. Program Status [CB24]: 2 = Stand-alone

Name of Approved Program (if program-applicable): *N/A*

Attach listings of Degree and/or Certificate Programs showing this course as a required or a restricted elective.)

23. Enrollment - Estimate Enrollment

First Year: 0

Third Year: 0

24. Resources - Faculty - Discipline and Other Qualifications:

a. Sufficient Faculty Resources: Yes

b. If No, list number of FTE needed to offer this course: *N/A*

25. Additional Equipment and/or Supplies Needed and Source of Funding.

N/A

26. Additional Construction or Modification of Existing Classroom Space Needed. (Explain:)

N/A

27. FOR NEW OR SUBSTANTIALLY MODIFIED COURSES

Library and/or Learning Resources Present in the Collection are Sufficient to Meet the Need of the Students Enrolled in the Course: Yes

No resources needed.

28. Originator Sarah Fry Origination Date 08/10/17