

CALIFORNIA STATE UNIVERSITY CHANNEL ISLANDS

COURSE MODIFICATION PROPOSAL

Courses must be submitted by October 15, 2015, and finalized by the end of the fall semester to make the next catalog (2016-17) production

DATE (CHANGE DATE EACH TIME REVISED): 8/15/15, 10.22.15

PROGRAM AREA(S): NRS COURSE NO: 204

Directions: All sections of this form must be completed. Use YELLOWED areas to enter data. All documents are stand-alone sources of course information.

1. Indicate Changes and Justification for Each. [Mark all change areas that apply]

- Course title x Course Content
Prefix/suffix x Course Learning Outcomes
Course number X References
Units GE
Staffing formula and enrollment limits Other
Prerequisites/Corequisites Reactivate Course
x Catalog description
Mode of Instruction

Justification: Changed to meet accreditation standards and terminology (Please provide justification(s) for each marked item above). Be as brief as possible but use as much space as necessary.]:

2. Course Information.

[Follow accepted catalog format.] (Add additional prefixes if cross-listed)

OLD

NEW

Prefix NRS Course# 204
Title PHARMACOLOGY OF NURSING PRACTICE I
Units (1.5)
1 hours lecture per week
1 hours lab per week

Prefix Course# NRS 204
Title PHARMACOLOGY OF NURSING PRACTICE I
Units (1.5)
1 hours lecture per week
1 hours lab per week

x Prerequisites: Admission to the nursing program
instructor consent
Consent of Instructor Required for Enrollment
Corequisites: NRS 200 & 203

x Prerequisites: Admission to the nursing program
Consent of Instructor Required for Enrollment
Corequisites: NRS 200

Catalog Description (Do not use any symbols):

Basic principles of pharmacology with a focus on pharmacokinetics, pharmacodynamics, and related therapeutic implications for major drug categories. Principles and procedures of medication administration covered in laboratory setting.

Catalog Description (Do not use any symbols):

This course provides an introduction to the principles of pharmacology, including: pharmacokinetics, pharmacodynamics, medication interactions and potential adverse medication reactions. Emphasis is placed on an overview of basic medication principles, pharmacological classification, and drug therapy across the lifespan, drug regulations, nutrition and dietary supplements, and drug levels and toxicology. The laboratory content focuses on the development of the knowledge, skills, and attitudes to calculate and administer medications in a simulated setting to achieve safe and professional nursing practice.

General Education Categories:

General Education Categories:

Grading Scheme (Select one below):

Grading Scheme (Select one below):

x A - F

x A - F

Credit/No Credit

Credit/No Credit

Optional (Student's Choice)

Optional (Student's Choice)

Repeatable for up to 3 units

Repeatable for up to 3 units

Total Completions 2

Total Completions 2

Multiple Enrollment in Same Semester Y/N N

Multiple Enrollment in Same Semester Y/N N

Course Level:
 Undergraduate
 Post-Baccalaureate
 Graduate

Course Level:
 Undergraduate
 Post-Baccalaureate
 Graduate

3. Mode of Instruction (Hours per Unit are defaulted)

Hegis Code(s) _____
 (Provided by the Dean)

Existing

Proposed

	Units	Hours Per Unit	Benchmark Enrollment	Graded		Units	Hours Per Unit	Benchmark Enrollment	Graded	CS No. (filled out by Dean)
Lecture	<u>1</u>	<u>1</u>	<u>44</u>	X	Lecture	<u>1</u>	<u>1</u>	<u>44</u>	X	<input type="checkbox"/>
Seminar	<input type="checkbox"/>	<u>1</u>	<input type="checkbox"/>	<input type="checkbox"/>	Seminar	<input type="checkbox"/>	<u>1</u>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Lab	<u>0.5</u>	<u>3</u>	<u>11</u>	<input type="checkbox"/>	Lab	<u>0.5</u>	<u>3</u>	<u>11</u>	<input type="checkbox"/>	<input type="checkbox"/>
Activity	<input type="checkbox"/>	<u>2</u>	<input type="checkbox"/>	<input type="checkbox"/>	Activity	<input type="checkbox"/>	<u>2</u>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Field Studies	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Field Studies	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Indep Study	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Indep Study	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Other blank	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Other blank	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Online	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Online	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

4. Course Attributes:

General Education Categories: All courses with GE category notations (including deletions) must be submitted to the GE website: <http://summit.csuci.edu/ge>
 Upon completion, the GE Committee will forward your documents to the Curriculum Committee for further processing.

A (English Language, Communication, Critical Thinking)

- A-1 Oral Communication
- A-2 English Writing
- A-3 Critical Thinking

B (Mathematics, Sciences & Technology)

- B-1 Physical Sciences
- B-2 Life Sciences – Biology
- B-3 Mathematics – Mathematics and Applications
- B-4 Computers and Information Technology

C (Fine Arts, Literature, Languages & Cultures)

- C-1 Art
- C-2 Literature Courses
- C-3a Language
- C-3b Multicultural

D (Social Perspectives)

E (Human Psychological and Physiological Perspectives)

UDIGE/INTD Interdisciplinary

Meets University Writing Requirement (Graduation Writing Assessment Requirement)

Meets University Language Requirement

American Institutions, Title V Section 40404: Government US Constitution US History
 Regarding Exec Order 405, for more information: <http://senate.csuci.edu/comm/curriculum/resources.htm>

Service Learning Course (Approval from the Center for Community Engagement must be received before you can request this course attribute).

Online Course (Answer YES if the course is ALWAYS delivered online).

5. Justification and Requirements for the Course. [Make a brief statement to justify the need for the course]

OLD

Required lower division course in the generic baccalaureate nursing program. Content required by the BRN.

- x Requirement for the Major/Minor
- Elective for the Major/Minor
- Free Elective

NEW

Required lower division course in the generic baccalaureate nursing program. Content required by the BRN.

- x Requirement for the Major/Minor
- Elective for the Major/Minor
- Free Elective

Submit Program Modification if this course changes your program.

6. Student Learning Outcomes. (List in numerical order. Please refer to the Curriculum Committee's "Learning Outcomes" guideline for measurable outcomes that reflect elements of Bloom's Taxonomy: <http://senate.csuci.edu/comm/curriculum/resources.htm>. The committee recommends 4 to 8 student learning outcomes, unless governed by an external agency (e.g., Nursing).

Upon completion of the course, the student will be able to:

OLD

1. Analyze principles related to drug absorption, distribution, metabolism and excretion.
2. Interpret physiological and pathophysiological concepts which relate to medication administration.
3. Discuss strategies to safely and accurately administer medications.
4. Demonstrate appropriate use of professional references.
5. Utilize the drug classification system in nursing practice.
6. Apply the nursing process to medication administration.
7. Demonstrate critical thinking in the administration of medication in specific client scenarios
8. Demonstrate correct administration of oral, IM, SubQ, Inhaled and topical medications.
9. Calculate drug dosages for medications utilizing dimensional analysis or ratio and proportion.

Upon completion of the course, the student will be able to:

NEW

1. Analyze principles related to drug absorption, distribution, metabolism, and excretion.
2. Interpret physiological and pathophysiological concepts that relate to medication therapy.
3. Discuss nursing implications and concepts of safety when performing medication administration.
4. Understand the legal and ethical implications/aspects of medication administration.
5. Utilize the drug classification system in nursing practice.
6. Apply the nursing process and principles of pharmacology, pharmacokinetics, pharmacotherapeutics, and pharmacodynamics to medication therapy.
7. Demonstrate critical thinking in the administration of medication in specific patient scenarios.
8. Demonstrate correct administration of oral, intramuscular, subcutaneous, inhaled, and topical medications.
9. Calculate drug dosages for medications utilizing dimensional analysis.

7. Course Content in Outline Form. (Be as brief as possible, but use as much space as necessary)

OLD

- I. Fundamentals of drug therapy
- II. Critical thinking and drug administration
- III. Psychotherapeutic drugs
- IV. Respiratory system drugs
- V. Anti-infectives and immunizations
- VI. Drugs affecting the cardiovascular system
- VII. Drugs affecting the blood
- VIII. Diagnostic and nutritional agents
- IX. Urinary system drugs
- X. Pain and NSAIDS
- XI. Gastrointestinal system drugs
- XII. Chemotherapy and immune system altering drugs
- XIII. Drugs for sensory organs
- XIV. Drugs for the endocrine system and reproductive system
- XV. Drugs effecting the nervous system
- XVI. Calculation and administration of medication in the simulation setting

NEW

- Orientation to Pharmacology
- Principles of Pharmacology
- Major Drug Classifications
- Drug Therapy Side Effects and Adverse Effects
- Federal Law Medications/Trials
- Drug Therapy Across the Lifespan
- Child and Adult Immunizations, , Nutritional Supplements, and Alternative Therapy
- Drugs for the Eyes, Ears, and Skin

Does this course content overlap with a course offered in your academic program? Yes No

If YES, what course(s) and provide a justification of the overlap.

Does this course content overlap a course offered in another academic area? Yes No

If YES, what course(s) and provide a justification of the overlap.

Overlapping courses require Chairs' signatures.

8. Cross-listed Courses (Please note each prefix in item No. 1)

A. List cross-listed courses (Signature of Academic Chair(s) of the other academic area(s) is required).

B. List each cross-listed prefix for the course:

C. Program responsible for staffing:

9. References. [Provide 3-5 references]

OLD

Lilly L., Harrington S. and Snyder, J. (2007) Pharmacology and the Nursing Proccsss Study Guide. St. Louis: Elsevier-Mosby.

Lilley L., Harrington S., and Snyder, J. (2007) Pharmacology and the Nursing Process. St. Louis: Elsevier-Mosby

Curren, A. (2009) Dimensional Analysis for Meds. Clifton Park, NY, Delmar.

NEW

Lilly L., Harrington S. and Snyder, J. (2007) Pharmacology and the Nursing Proccsss Study Guide. St. Louis: Elsevier-Mosby.

Lilley L., Harrington S., and Snyder, J. (2007) Pharmacology and the Nursing Process. St. Louis: Elsevier-Mosby

Curren, A. (2009) Dimensional Analysis for Meds. Clifton Park, NY, Delmar.

10. Tenure Track Faculty qualified to teach this course.

Jaime Hannans, RN, PhD, CNE

11. Requested Effective Date or First Semester offered: Fall 2016

12. New Resource Requested: Yes No

If YES, list the resources needed.

A. Computer Needs (data processing, audio visual, broadcasting, other equipment, etc.)

B. Library Needs (streaming media, video hosting, databases, exhibit space, etc.)

C. Facility/Space/Transportation Needs:

D. Lab Fee Requested: Yes No (Refer to the Dean's Office for additional processing)

E. Other.

13. Will this course modification alter any degree, credential, certificate, or minor in your program? Yes No

If, YES attach a program update or program modification form for all programs affected.

Deadline for New Minors and Programs: October 1, 2014.

Deadline for Course Proposals and Modifications, and for Program Modifications: October 15, 2014.

Last day to submit forms to be considered during the current academic year: April 1, 2015.

Jaime Hannans/Karen Jensen

8/15/15

Proposer(s) of Course Modification

Date

Type in name. Signatures will be collected after Curriculum approval.

Approval Sheet

Course: NRS 204

If your course has a General Education Component or involves Center affiliation, the Center will also sign off during the approval process.

Multiple Chair fields are available for cross-listed courses.

The CI program review process includes a report from the respective department/program on its progress toward accessibility requirement compliance. By signing below, I acknowledge the importance of incorporating accessibility in course design.

Program Chair		
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Signature

Date

Program Chair		
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Signature

Date

Program Chair		
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Signature

Date

General Education Chair		
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Signature

Date

Center for Intl Affairs Director		
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Signature

Date

Center for Integrative Studies Director		
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Signature

Date

Center for Multicultural Engagement Director		
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Signature

Date

Center for Community Engagement Director		
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Signature

Date

Curriculum Chair		
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Signature

Date

AVP		
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Signature

Date