

Cerro Coso College
Course Outline of Record Report
10/11/2021

HCRSC207 : Advanced Pharmacology

General Information

| | |
|-------------------------------------|---|
| Author: | - |
| Course Code (CB01) : | HCRSC207 |
| Course Title (CB02) : | Advanced Pharmacology |
| Department: | Allied Health |
| Proposal Start: | Fall 2013 |
| TOP Code (CB03) : | (1230.20) Licensed Vocational Nursing |
| SAM Code (CB09) : | Clearly Occupational |
| Distance Education Approved: | Yes |
| Course Control Number (CB00) : | CCC000542850 |
| Curriculum Committee Approval Date: | 03/08/2013 |
| Board of Trustees Approval Date: | 04/11/2013 |
| External Review Approval Date: | 04/20/2013 |
| Course Description: | This theory course reinforces and emphasizes the basic principles of pharmacology and calculations necessary for safe and effective medication administration. The primary focus is on the pharmacology content and variables that influence drug therapy when caring for the child-bearing family and the pediatric client. Utilization of the pharmacological principles from this course correlates to HCRS C216 Clinical Nursing III. |
| Submission Type: | New Course |
| Author: | No value |

Faculty Minimum Qualifications

| | |
|--|---|
| Master Discipline Preferred: | <ul style="list-style-type: none">Nursing |
| Alternate Master Discipline Preferred: | <ul style="list-style-type: none">Nursing |
| Bachelors or Associates Discipline Preferred: | No value |
| Additional Bachelors or Associates Discipline Preferred: | No value |

Course Development Options

| | | |
|---|---|---|
| Basic Skills Status (CB08) Course is not a basic skills course. | Course Special Class Status (CB13) Course is not a special class. | Grade Options <ul style="list-style-type: none">Letter Grade Methods |
| <input type="checkbox"/> Allow Students to Gain Credit by Exam/Challenge | Allowed Number of Retakes 0 | Course Prior To College Level (CB21) Not applicable. |

Rationale For Credit By Exam/Challenge

No value

Retake Policy Description

Type:|Non-Repeatable Credit

 Allow Students To Audit Course**Course Support Course Status (CB26)**

No value

Associated Programs Course is part of a program (CB24)**Associated Program****Award Type****Active**

Cerro Coso Vocational Nursing

Certificate of Achievement

Summer 2018

Cerro Coso Vocational Nursing

A.S. Degree Major

Summer 2018

Cerro Coso Vocational Nursing (In Development)

Certificate of Achievement

Fall 2021

Transferability & Gen. Ed. Options**Course General Education Status (CB25)**

No value

Transferability

Transferable to CSU only

Transferability Status

Approved

Units and Hours:**Summary****Minimum Credit Units (CB07)** 1**Maximum Credit Units (CB06)** 1**Total Course In-Class (Contact) Hours** 18**Total Course Out-of-Class Hours** 36**Total Student Learning Hours** 54**Faculty Load** 0

Credit / Non-Credit Options

Course Credit Status (CB04)

Credit - Degree Applicable

Course Non Credit Category (CB22)

Credit Course.

Non-Credit Characteristic

No Value

Course Classification Status (CB11)

Credit Course.

Variable Credit Course

Funding Agency Category (CB23)

Not Applicable.

Cooperative Work Experience Education Status (CB10)

Weekly Student Hours

| | In Class | Out of Class |
|------------------|----------|--------------|
| Lecture Hours | 1 | 2 |
| Laboratory Hours | 0 | 0 |
| Activity Hours | 0 | 0 |

Course Student Hours

| | |
|--|----|
| Course Duration (Weeks) | 18 |
| Hours per unit divisor | 0 |
| Course In-Class (Contact) Hours | |
| Lecture | 0 |
| Laboratory | 0 |
| Activity | 0 |
| Total | 18 |
| Course Out-of-Class Hours | |
| Lecture | 0 |
| Laboratory | 0 |
| Activity | 0 |
| Total | 36 |

Time Commitment Notes for Students

No value

Faculty Load

Extra Duties: 0

Faculty Load: 0

Units and Hours: - Weekly Specialty Hours

| Activity Name | Type | In Class | Out of Class |
|---------------|----------|----------|--------------|
| No Value | No Value | No Value | No Value |

Pre-requisites, Co-requisites, Anti-requisites and Advisories

Prerequisite

HCRSC206 - Maternal/Child Nursing

Completion of these courses together correlate the nursing process of Maternal/Child with the pharmacological needs of these clients. The knowledge of the medications administered and the ability to calculate accurate dosages for these clients are essential.

AND

Prerequisite

HCRSC216 - Clinical Nursing III

HCRS C206 and HCRS C216 are the Maternal/Child theory and clinical courses for the 3rd semester. These courses with HCRS C207 are related in concepts and skills such as disease processes, medication administration, and the nursing care required for the maternal and pediatric client and must be taken together to be able to utilize the theoretical concepts and medication knowledge in the nursing process in the clinical setting.

Entrance Skills

| Entrance Skills | Description |
|-----------------|-------------|
| No value | No value |

Limitations on Enrollment

| Limitations on Enrollment | Description |
|---------------------------|-------------|
| No value | No value |

Specifications

| Methods of Instruction | |
|------------------------|-----------------|
| Methods of Instruction | Problem Solving |
| Rationale | No value |
| Methods of Instruction | Written work |
| Rationale | No value |
| Methods of Instruction | Outside reading |

| | |
|-------------------------------|---|
| Rationale | No value |
| Methods of Instruction | Peer-to-peer instruction |
| Rationale | No value |
| Methods of Instruction | Presentations (by students) |
| Rationale | No value |
| Methods of Instruction | Lecture |
| Rationale | No value |
| Methods of Instruction | Instruction through examination or quizzing |
| Rationale | No value |
| Methods of Instruction | Demonstration |
| Rationale | No value |
| Methods of Instruction | Group Work |
| Rationale | No value |
| Methods of Instruction | Discussion |
| Rationale | No value |
| Methods of Instruction | Computational Work |
| Rationale | No value |
| Methods of Instruction | Audiovisual |
| Rationale | No value |
| Methods of Instruction | Case Study |
| Rationale | No value |

Assignments

Required readings: Weekly outline of chapters prior to lecture
Weekly homework assignments Complete end of chapter questions
Drug cards

Methods of Evaluation

Rationale

| | |
|----------|---|
| Other | Role Playing of various healthcare scenarios for example anaphylactic shock |
| Other | Instructor Observation of all procedures |
| Other | Return Demonstrations of various medication administration procedures |
| Other | Case Studies on various drug interactions and safety |
| Tests | Testing (Multiple Choice Questions using the NCLEX format) |
| Homework | Specific assignments and evaluation methods are outlined in the detailed Instructional Plan attached. |

Equipment

No Value

Textbooks

| Author | Title | Publisher | Date | ISBN |
|--------|--|-----------|------|------|
| | Clayton, B. (2013) Basic Pharmacology for Nurses, 16, Elsevier | | | |

Other Instructional Materials

No Value

Materials Fee

No

Learning Outcomes and Objectives

Course Objectives

No value

CSLOs

Demonstrate proper methods of medication administration safety for the newborn and pediatric client Expected SLO Performance: 70.0

Accurately calculate medication administration for newborn and pediatric clients by passing standardized medication administration test at 100% Expected SLO Performance: 70.0

Differentiate among the various drug therapies presented

Expected SLO Performance: 70.0

Demonstrate proficiency in principles of drug interactions and nursing implications for all medications presented

Expected SLO Performance: 70.0

Outline

Course Outline

See attached Instructional Plan

See attached Instructional Plan

Delivery Methods and Distance Education

Delivery Method: Please list all that apply -Face to face -Online (purely online no face-to-face contact) -Online with some required face-to-face meetings ("Hybrid") -Online course with on ground testing -iTV – Interactive video = Face to face course with significant required activities in a distance modality -Other

Face 2 Face

Interactive

Rigor Statement: Assignments and evaluations should be of the same rigor as those used in the on-ground course. If they are not the same as those noted in the COR on the Methods of Evaluation and out-of-class assignments pages, indicate what the differences are and why they are being used. For instance, if labs, field trips, or site visits are required in the face to face section of this course, how will these requirements be met with the same rigor in the Distance Education section?

All material will be posted on Moodle site for all students. All exams will be given online with immediate feedback

Effective Student-Instructor Contact: Good practice requires both asynchronous and synchronous contact for effective contact. List the methods expected of all instructors teaching the course. -Learning Management System -Discussion Forums -Moodle Message -Other Contact -Chat/Instant Messaging -E-mail -Face-to-face meeting(s) -Newsgroup/Discussion Board -Proctored Exam -Telephone -iTV -Interactive Video -Other (specify)

contact_moodle_forums

contact_moodle_message

contact_chat

contact_email

contact_face2face

contact_proctored

contact_phone

contact_itv

Software and Equipment: What additional software or hardware, if any, is required for this course purely because of its delivery mode? How is technical support to be provided?

No Value

Accessibility: Section 508 of the Rehabilitation Act requires access to the Federal government's electronic and information technology. The law covers all types of electronic and information technology in the Federal sector and is not limited to assistive technologies used by people with disabilities. It applies to all Federal agencies when they develop, procure, maintain, or use such technology. Federal agencies must ensure that this technology is accessible to employees and the public to the extent it does not pose an "undue burden". I am using -iTV—Interactive Video only -Learning management system -Publisher course with learning management system interface.

s508_itv

s508_moodle

s508_publisher

Class Size: Good practice is that section size should be no greater in distance ed modes than in regular face-to-face versions of the course. Will the recommended section size be lower than in on-ground sections? If so, explain why.

No Value