

NRN 210: CHRONIC ALTERATIONS IN HEALTH

New Course Proposal

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Originator

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Justification / Rationale

Major Curriculum Revision. Editing based on feedback from accrediting agency.

Effective Term

Fall 2024

Credit Status

Credit - Degree Applicable

Subject

NRN - Nursing

Course Number

210

Full Course Title

Chronic Alterations in Health

Short Title

CHRON ALTER HEALTH

Discipline

Disciplines List

Nursing

Modality

Face-to-Face

Catalog Description

This course focuses on promoting, maintaining, or restoring health of adult clients with chronic alterations in health. Previously learned nursing principles will be used as building blocks to plan care for the needs of clients. Program concepts of professionalism, evidenced-based practice, holistic client-centered care, communication, and safety are integrated throughout the course. Students must be concurrently enrolled in NRN 210C and NRN 210L. Prerequisite: NRN 120

Schedule Description

This course focuses on promoting, maintaining, or restoring health of adult clients with chronic alterations in health. Students must be concurrently enrolled in NRN 210C and NRN 210L. Prerequisite: NRN 120

Lecture Units

3.5

Lecture Semester Hours

63

In-class Hours

63

Out-of-class Hours

126

Total Course Units

3.5

Total Semester Hours

189

Limitation on Enrollment

Acceptance in the nursing program.

Required Text and Other Instructional Materials**Resource Type**

Book

Open Educational Resource

No

Formatting Style

APA

Author

American Psychological Association

Title

Publication Manual of the American Psychological Association

Edition

7th

Publisher

American Psychological Association

Year

2020

College Level

Yes

Flesch-Kincaid Level

12.21

ISBN #

978-1-4338-3217-8

Resource Type

Book

Open Educational Resource

Yes

Author

Chippewa Valley Technical College

Title

Nursing Pharmacology

Publisher

XanEdu

Year

2020

College Level

Yes

ISBN #

13: 978-1-73491-411-5

Resource Type

Web/Other

Open Educational Resource

No

Year

2020

Description

Lippincott's Course Point+ Enhanced for Med/Surg w/NextGen VSims, Honan 2nd edition.

Resource Type

Web/Other

Open Educational Resource

No

Year

2020

Description

Lippincott- Lippincott's DocuCare

Resource Type

Web/Other

Open Educational Resource

No

Year

2020

Description

Lynne- Lippincott's Skills for Nursing Education-1st edition

Resource Type

Web/Other

Year

2021

Description

Dudek- Lippincott Course Point Enhanced for Nutrition; Dudek 9th edition

Class Size Maximum

30

Entrance Skills

Basic understanding of fluid and electrolyte imbalance

Requisite Course Objectives

NRN 120-Describe assessment findings (including labs and diagnostics) that confirm fluid and/or electrolyte balance or imbalance.
NRN 120-Explain primary prevention for fluid and/or electrolyte imbalance.
NRN 120-Examine evidence-based, client-centered care for the client with a fluid and/or electrolyte imbalance.
NRN 120-Examine pharmacological agents appropriate for the restoration of fluid and/or electrolyte imbalance.
NRN 120-Explore the impact of fluid and electrolyte balance on blood pressure regulation.

Entrance Skills

Base knowledge of endocrine disorders

Requisite Course Objectives

NRN 120-Describe the etiology and pathophysiology of various endocrine disorders.
NRN 120-Identify assessment findings (including labs and diagnostics) in clients experiencing alterations in endocrine function.
NRN 120-Discuss the nurse's role in providing evidenced-based, client-centered care for the client experiencing alterations in endocrine function including nutrition, teaching, and medication.
NRN 120-Describe the etiology and pathophysiology of various endocrine disorders.
NRN 120-Identify assessment findings (including labs and diagnostics) in clients experiencing alterations in endocrine function.
NRN 120-Discuss the nurse's role in providing evidenced-based, client-centered care for the client experiencing alterations in endocrine function including nutrition, teaching, and medication.

Entrance Skills

Knowledge of upper respiratory alterations

Requisite Course Objectives

NRN 120-Describe the pathophysiology of alterations in functions of the upper respiratory system.
NRN 120-Determine risk factors due to genetic, ethnic, cultural, occupational, behavioral, and/or age-related, to prevent exacerbations, or further alterations of respiratory health.
NRN 120-Discuss assessment findings (including labs and diagnostics) associated with various upper respiratory alterations.
NRN 120-Discuss the nurse's role in providing evidenced-based, client-centered care for the client experiencing alterations in upper respiratory function including nutrition, teaching, oxygen delivery, and medication.

Entrance Skills

Knowledge of hematology alterations

Requisite Course Objectives

NRN 120-Outline principles of blood compatibility, safety, cultural influence, and legal aspects in the preparation and delivery of blood and blood products.
NRN 120-Differentiate the nursing assessments and interventions used with blood transfusions and transfusion reactions.
NRN 120-Describe the etiology and pathophysiology of hematological alterations.
NRN 120-Describe assessment findings (including labs and diagnostics) for the client with various hematological alterations.
NRN 120-Examine the nurse's role in providing evidence-based, client-centered care for the client with various hematological alterations including nutrition, teaching, and medication administration.

Entrance Skills

Critical thinking and critical observation in the nursing role

Requisite Course Objectives

NRN 120-Compare the roles of the interdisciplinary team members providing care for the client with diabetes mellitus.
NRN 120-Explore the nursing role in health promotion and disease prevention specific to diabetic clients including the following: diet, medication, exercise, glucose monitoring, home management, and community resources.
NRN 120-Describe the nurse's role in safety concerns, prevention of complications, and exacerbations for clients with hematological, GI, GU, diabetes mellitus, reproductive, and thyroid health alterations.

Course Content

Acid Base Imbalance

Angina
 CAD/PVD
 Heart failure
 HTN
 Cardiac conduction system (rhythm analysis)
 Cardiac Inflammatory (disorders of)
 valvular disorders
 Pericarditis
 Cardiac output-Rx, effects, factors components
 Sepsis
 Lower respiratory (COPD, PNA, Occupational lung disease, fibrosis, pulm htn, pneumothorax)
 Chronic Renal failure
 Pancreatitis
 GI bleed
 Cirrhosis (alcoholism)
 Hepatitis
 Degenerative Neurological (disorders of: ALS, Huntington, MG, Parkinson's Disease)
 Neuro auto-immune (disorders of MS, GBS)
 Immunology (HIV/AIDs, Lupus, auto immune disorders)
 Cancer
 SDH/advocacy strategies
 Continuum of care with the chronically ill patient
 Delegation/supervision/prioritization/staffing

Course Objectives

	Objectives
Objective 1	Analyze the relationship between accountability and liability for one's actions in Nursing practice.
Objective 2	Integrate principles of delegation and supervision in nursing practice to ensure safe and legal client care.
Objective 3	Evaluate lines of responsibility and accountability associated with various types of nursing care delivery models.
Objective 4	Explore the nursing role in health promotion and disease prevention specific to clients with various chronic health alterations include the following: diet, medication, exercise, home management, and community resources.
Objective 5	Evaluate the nurse's role in the maintenance and management of therapeutic care including pharmacologic therapy.
Objective 6	Promote optimum wellness by integrating the health team, significant others, community resources, and support groups into the care of the client.
Objective 7	Examine workforce strategies that support efficient and effective quality client care and promote positive work environments for healthcare personnel.
Objective 8	Validate decisions based on sound clinical reasoning.
Objective 9	Explore the impact of resource accessibility for clients with chronic alterations in health.
Objective 10	Articulate cultural and socioeconomic differences and the significance of these differences for planning client-centered evidence-based care to promote optimum wellness.
Objective 11	Devise teaching plans that include strategies to promote optimal wellness for clients with chronic alterations.
Objective 12	Analyze populations' need for information literacy.
Objective 13	Anticipate barriers to safe client care.
Objective 14	Facilitate interventions to promote safety and improve the quality of care for clients with chronic health conditions.
Objective 15	Evaluate the client's response to safety interventions.

Student Learning Outcomes

	Upon satisfactory completion of this course, students will be able to:
Outcome 1	Summarize how the nurse is accountable in the delegation, supervision, and delivery of nursing care based on legal, ethical, and regulatory principles.
Outcome 2	Apply knowledge of systems to provide evidence-base practice across the continuum of care.

Outcome 3	Develop a holistic client-centered plan of care that includes mitigation of risk factors.
Outcome 4	Communicate in a manner that facilitates a partnership approach to quality care delivery.
Outcome 5	Analyze safety measures and develop quality improvement plans to minimize harm.
Outcome 6	Examine how the professional identity of a nurse impacts the team dynamics in the efforts of health outcomes.

Methods of Instruction

Method	Please provide a description or examples of how each instructional method will be used in this course.
Lecture	Large group discussion, Power Point, socratic questioning
Collaborative/Team	Small group assignments, pair and share
Participation	Simulation, case studies, weekly reading assignments
Discussion	Small and large group

Methods of Evaluation

Method	Please provide a description or examples of how each evaluation method will be used in this course.	Type of Assignment
Tests/Quizzes/Examinations	Unit exams and quizzes	In Class Only
Term or research papers	Research paper with rubric	Out of Class Only

Assignments

Other In-class Assignments

1. Participate in class
2. View videos and additional posted resources
3. Participate in group discussions, group work, and critical thinking exercises

Other Out-of-class Assignments

1. Complete reading assignments
2. Complete assigned computer program activities
3. Complete case studies as assigned
4. Students should anticipate at least 2 hours of study time required for each hour of class in order to adequately prepare for class and to prepare for exams.

Grade Methods

Letter Grade Only

MIS Course Data

CIP Code

51.3801 - Registered Nursing/Registered Nurse.

TOP Code

123010 - Registered Nursing

SAM Code

C - Clearly Occupational

Basic Skills Status

Not Basic Skills

Prior College Level

Not applicable

Cooperative Work Experience

Not a Coop Course

Course Classification Status

Credit Course

Approved Special Class

Not special class

Noncredit Category

Not Applicable, Credit Course

Funding Agency Category

Not Applicable

Program Status

Program Applicable

Transfer Status

Not transferable

General Education Status

Y = Not applicable

Allow Audit

No

Repeatability

No

Materials Fee

No

Additional Fees?

No

Approvals**Curriculum Committee Approval Date**

11/01/2022

Academic Senate Approval Date

11/10/2022

Board of Trustees Approval Date

12/16/2022

Chancellor's Office Approval Date

12/22/2022

Course Control Number

CCC000635133

Programs referencing this courseRegistered Nursing AS Degree (<http://catalog.collegeofthedesert.eduundefined/?key=72>)