

N 004: CONCEPTS OF NURSING PRACTICE-ACUTE COMPLEX ALTERATIONS IN HEALTH

Originator

sfry

Justification / Rationale

2-year course review

Effective Term

Fall 2020

Credit Status

Credit - Degree Applicable

Subject

N - Nursing

Course Number

004

Full Course Title

Concepts of Nursing Practice-Acute Complex Alterations in Health

Short Title

NSG ACUTE ALT HLTH

Discipline**Disciplines List**

Nursing

Modality

Face-to-Face

Catalog Description

In this course students gain knowledge and experience with clients whose optimum level of wellness is altered by acute and complex conditions. Students will gain experience as direct care providers in the acute/critical/emergent and home health care settings utilizing concepts of care management.

Schedule Description

In this course students operationalize critical thinking and care management to further develop knowledge and experience in order to influence nursing care for clients whose optimum level of wellness is altered by emergent and complex conditions. Prerequisite: N 003A

Lecture Units

4.5

Lecture Semester Hours

81

Lab Units

5

Lab Semester Hours

270

In-class Hours

351

Out-of-class Hours

162

Total Course Units

9.5

Total Semester Hours

513

Prerequisite Course(s)

N 003A

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

Book

Open Educational Resource

No

Formatting Style

APA

Author

Wilson, B., Shannon, M., Shields, K.

Title

Pearson Nurse's Drug Guide 2019

City

Hoboken

Publisher

Pearson Education, Inc.

Year

2016

College Level

Yes

Flesch-Kincaid Level

26

ISBN #

9780135204856

Resource Type

Book

Open Educational Resource

No

Formatting Style

APA

Author

Willihnganz, M. J., Gurevitz, S. L., Clayton, B. D

Title

Clayton's Basic Pharmacology for Nurses

Edition

18

City

St. Louis

Publisher

Elsevier

Year

2020

College Level

Yes

Flesch-Kincaid Level

10

ISBN #

9780323550611

Resource Type

Book

Author

Dudek, S.G.

Title

Nutrition Essentials for Nursing Practice

Edition

8

City

Philadelphia

Publisher

Wolters Kluwer

Year

2017

College Level

Yes

Flesch-Kincaid Level

17.8

ISBN #

9781451186123

Resource Type

Book

Open Educational Resource

No

Formatting Style

APA

Author

Diepenbrock, N

Title

Quick Reference to Critical Care

Edition

5

City

Philadelphia

Publisher

Wolters Kluwer

Year

2015

College Level

Yes

Flesch-Kincaid Level

12

ISBN #

9781451194265

Resource Type

Book

Open Educational Resource

No

Formatting Style

APA

Author

Smith, S., Duell, D., Martin, B. C., Aebersold, M. L., Gonzalez, L.

Title

Clinical Nursing Skills; Basic to Advanced Skills

Edition

9

City

Hoboken

Publisher

Pearson Education, Inc.

Year

2017

College Level

Yes

Flesch-Kincaid Level

12

ISBN #

9780135114735

Resource Type

Book

Author

Cherry, B. Jacob, S.

Title

Contemporary Nursing: Issues, Trends, Management

Edition

8

City

St. Louis

Publisher

Elsevier

Year

2014

College Level

Yes

Flesch-Kincaid Level

12.00

ISBN #

9780323390224

Resource Type

Book

Author

Sole, M., Klein, D., Moseley, M.

Title

Introduction to Critical Care Nursing

Edition

8

City

St. Louis

Publisher

Elsevier

Year

2020

College Level

Yes

Flesch-Kincaid Level

16.8

ISBN #9780323759687

Resource Type

Book

Author

Pagana, K. Pagana, T

Title

Mosby's Manual of Diagnostic Laboratory Tests

Edition

6

City

St. Louis

Publisher

Elsevier

Year

2017

College Level

Yes

Flesch-Kincaid Level

16.7

ISBN #

9780323446624

Resource Type

Book

Author

Turner, S. J.

Title

Mulholland's The Nurse, The Math, The Meds: Drug Calculations Using Dimensional Analysis

Edition

4

City

St. Louis

Publisher

Elsevier

Year

2018

College Level

Yes

Flesch-Kincaid Level

11

ISBN #

9780323479509

Resource Type

Book

Author

Osborn, K., Wraa, C., Watson, A., Holleran, R.

Title

Medical Surgical Nursing Preparation for Practice

Edition

4

City

Hoboken

Publisher

Pearson Education Inc

Year

2014

College Level

Yes

Flesch-Kincaid Level

10.6

ISBN #

9780132706698

Class Size Maximum

30

Entrance Skills

See attached N 004 Prerequisite Content Review Validation

Course Content

- 1) Promoting Optimum Wellness in Clients Through The Use Of Management Concepts in Nursing
 - a) The role of the Registered Nurse as Supervisor
 - b) Health care team scope of practice and chain of command
 - c) Delegation, prioritization, time management, making assignments
 - d) Culturally sensitive care
 - e) Nursing care delivery models
 - f) Role of regulatory agencies
 - g) Quality Improvement and evidence based practice
 - h) Informatics
 - i) Conflict resolution
- 2) Promoting Optimum Wellness in Clients with Acute Alterations in Cardiovascular Function.
 - a) Review of Anatomy/physiology and pathophysiology.
 - b) Review of diagnostic exams/laboratory indicators related to acute cardiovascular alterations and nursing responsibility
 - c) Cultural and community concerns
 - d) Nursing management of acute and critical alterations in the cardiovascular system
 - e) Nursing management of clients undergoing cardiovascular therapeutic modalities
 - f) Nutritional considerations

- g) Client/family teaching
- h) Psychomotor skills
- 3) Promoting Optimum Wellness in the Critically-ill Client
 - a) Review of biologic, psychosocial, and environments stressors in ICU
 - b) Nursing responsibilities related to understanding hemodynamics and monitoring devices in the critically ill client.
 - c) Risk factors that influence infection control
 - d) Nursing assessment and management of clients in shock
 - e) Common nursing diagnoses
 - f) Nutritional considerations
 - g) Psychomotor skills
- 4) Promoting Optimum Wellness in Clients with Acute Alterations in Respiratory Function
 - a) Review of anatomy/physiology, acid/base and pathophysiology related to acute and critical alterations in respiratory function.
 - b) Nursing assessment and management in acute alterations in respiratory function
 - c) Common nursing diagnoses
 - d) Nursing management of clients with respiratory interventional therapy.
 - e) Utilization of health team members and communication skills
 - f) Psychomotor skills
- 5) Promoting Optimum Wellness in Clients with Acute Alterations in Neurological Function
 - a) Review of anatomy/physiology, pathophysiology of central and peripheral alterations in neurological function
 - b) Diagnostic tests/laboratory indicators and nursing responsibility
 - c) Nursing assessment and management of clients with central and peripheral alterations in neurological function.
 - d) Common nursing diagnoses
 - e) Cultural, community, home and age related issues
 - f) Role of multi-discipline approach to interventional therapy
 - g) Client/family teaching
- 6) Promoting Optimum Wellness in Clients with Acute Alterations in Renal Function
 - a) Review of anatomy/physiology, and pathophysiology
 - b) Diagnostic exams/laboratory indicators and nursing responsibility
 - c) Nursing assessment, management and interdisciplinary approach to interventional therapy.
 - d) Common nursing diagnoses
 - e) Cultural/community/home considerations
 - f) Client/family teaching
- 7) Promoting Optimum Wellness in Clients with Acute Alterations in Endocrine and Metabolic Function
 - a) Review of anatomy/physiology, pathophysiology
 - b) Diagnostic exams/laboratory indicators
 - c) Common nursing diagnoses
 - d) Nursing management in interventional therapy
 - e) Psychosocial, community, age related and cultural issues
 - f) Client/family teaching
- 8) Promoting Optimum Wellness in Clients with Acute Alterations Resulting from Trauma.
 - a) Review of triage, primary and secondary injuries
 - b) Nursing assessment and management including burns
 - c) Cultural, community, legal and age related issues
 - d) Organ donation
 - e) Client/family teaching.

Lab Content

Lab activities in this course include 270 hours in the clinical setting, generally in an acute care facility caring for patients with the health alternatives currently being taught. Some lab hours are scheduled for on campus activities, such as skills days and clinical simulation time.

Course Objectives

Objectives	
Objective 1	Effectively integrate written, verbal and non-verbal communication modalities in complex client and health team interactions for the purpose of promoting optimum wellness. (COMMUNICATION)
Objective 2	Operationalize entry level critical thinking in the prioritization, provision, management and evaluation of collaborative, holistic care for clients with complex alterations in health status. (NURSING ROLE)
Objective 3	Integrate knowledge of pharmacotherapy and drug interactions in caring for clients with complex alterations in health for the purpose of promoting optimum wellness. (PHARMACOLOGY)
Objective 4	Critique clients' responses to nutritional interventions; collaborate with health care team members to promote and maintain nutritional therapy that supports optimum wellness. (NUTRITION)
Objective 5	Designs culturally sensitive nursing interventions when caring for clients with complex alterations in health for the purpose of promoting optimum wellness. (CULTURAL AWARENESS)
Objective 6	Analyze community health needs formulating a comprehensive plan of care for clients within a designated population group. (COMMUNITY AWARENESS)
Objective 7	Critique and manage all aspects of safety for clients in health care settings. (SAFETY)
Objective 8	Formulate and implement individualized holistic teaching for the purpose of promoting optimum wellness. Evaluate effectiveness and institute changes as identified. (HEALTH TEACHING)
Objective 9	Incorporate principles of growth and development in providing and managing nursing care for the purpose of optimizing optimum wellness. (LIFE SPAN)
Objective 10	Appraise complex client care situations and competently perform appropriate psychomotor skills for the purpose of promoting optimum wellness. (PSYCHOMOTOR SKILLS)

Student Learning Outcomes

Upon satisfactory completion of this course, students will be able to:	
Outcome 1	Demonstrate attributes required for safe and effective entry level nursing practice, which include: (a) application of knowledge to practice, (b) critical thinking, (c) ethical and moral behavior, (d) competence in performance of clinical skills, (e) effective communication, (f) components of the nurse manager role.
Outcome 2	Provide holistic, caring, evidence based nursing care for all clients with acute alterations in health.

Methods of Instruction

Method	Please provide a description or examples of how each instructional method will be used in this course.
Clinical	Direct patient care under instructor supervision
Technology-based instruction	Mid-fidelity simulation
Role Playing	skits to demonstrate concepts
Participation	socratic questioning, small/large group discussion
Observation	Direct observation of students' patient care in clinical facilities and in simulation
Lecture	Large & small group discussions, think/pair/share, case studies, Socratic questioning, powerpoint
Journal	Reflective journal after clinical experiences
Discussion	post-conference discussions
Demonstration, Repetition/Practice	skills lab practice of skills
Collaborative/Team	Group projects
Experiential	Direct patient care under instructor supervision
Other (Specify)	Reading

Methods of Evaluation

Method	Please provide a description or examples of how each evaluation method will be used in this course.	Type of Assignment
Guided/unguided journals	weekly reflections of clinical practice	Out of Class Only
Behavior assessment	clinical evaluation tool used to evaluate students on behavior in clinical setting.	In Class Only

Laboratory projects	skills validations	In and Out of Class
Mid-term and final evaluations	Student self evaluation and formative and summative evaluations from clinical instructor	In and Out of Class
Tests/Quizzes/Examinations	Unit and comprehensive exams; quizzes	In Class Only
Group activity participation/observation	Group project for quality improvement and community; simulation (low to high fidelity)	In and Out of Class
Presentations/student demonstration observations	Clinical expert presentations	In and Out of Class
Term or research papers	Research paper	Out of Class Only
Other	clinical packets/care plans; reading assessments	In and Out of Class

Assignments

Other In-class Assignments

- Attend and participate in class and clinical
- Participate in simulation and skills lab activities
- Weekly reading assessments

Other Out-of-class Assignments

- Complete reading, computer, and multimedia assignments
- Complete Community Health and assessment papers
- Complete team leadership assignment
- Reflective journal

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

Transferable to CSU only

Allow Audit

No

Repeatability

No

Materials Fee

No

Additional Fees?

No

Files Uploaded**Attach relevant documents (example: Advisory Committee or Department Minutes)**

N 004 Prerequisite Content Review_Clinical Eval Tool.docx

Approvals**Curriculum Committee Approval Date**

12/03/2019

Academic Senate Approval Date

12/12/2019

Board of Trustees Approval Date

1/17/2020

Course Control Number

CCC000547333

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