

NRN 110C: FOUNDATIONS OF NURSING PRACTICE: CLINICAL

Originator

likinsey

Justification / Rationale

Update CMF range per J. Learned rb

Effective Term

Fall 2022

Credit Status

Credit - Degree Applicable

Subject

NRN - Nursing

Course Number

110C

Full Course Title

Foundations of Nursing Practice: Clinical

Short Title

NRN 110C FOUNDATIONS

Discipline**Disciplines List**

Nursing

Modality

Face-to-Face

Catalog Description

This course focuses on learning and applying the skills required to meet the basic needs and maintenance of clients to achieve optimal wellness. Students will care for clients with common alterations in health. Program concepts of professionalism, evidenced-based practice, holistic patient-centered care, communication, and safety are integrated throughout this clinical course. Students must be concurrently enrolled in NRN 110. Learning will take place in various clinical settings. A materials fee of \$40.00-\$120.00 is required for this course to cover lab learning activities. A \$10.00 fee for malpractice insurance coverage is required for this course. Prerequisite: Acceptance to the Registered Nursing Program.

Schedule Description

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Lab Units

3.5

Lab Semester Hours

189

In-class Hours

189

Out-of-class Hours

0

Total Course Units

3.5

Total Semester Hours

189

Prerequisite Course(s)

Prerequisite BI 013 Prerequisite: BI 014 Prerequisite: BI 015 Prerequisite: ENG 001A Corequisite NRN 110

Limitation on Enrollment

Acceptance into the registered nursing program

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

Book

Open Educational Resource

No

Formatting Style

APA

Author

Deglen, J.H. Vallerand, A.H.

Title

Davis Drug Guide for Nurses

Edition

17th

City

Philadelphia

Publisher

F.A. Davis

Year

2019

College Level

Yes

Flesch-Kincaid Level

26

ISBN #

978-1719640053

Resource Type

Book

Open Educational Resource

No

Formatting Style

APA

Author

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

Title

Clinical Nursing Skills

Edition

9th

City

Hoboken

Publisher

Pearson

Year

2017

College Level

Yes

Flesch-Kincaid Level

12

ISBN #

9780134087924

For Text greater than five years old, list rationale:

Clinical Nursing Skills- last publication offered

Class Size Maximum

6

Entrance Skills

Basic understanding of human anatomy and physiology. The ability to apply the concept of cellular transport to be able to better understand the effects on disease process. Basic understanding of blood vessels and how they effect cardiac output and pressure within the cardiac and renal systems. Understanding of basic skin structure to better understand the effect on healing process. Understanding of bone formation and growth to be applied in basic growth and development across the life-span. Understanding of the basics of the reproduction systems and the physiological changes that occur in the human body to be used in growth and development as well as the reproductive system.

Requisite Course Objectives

- BI 013-Use appropriate anatomical and physiological terminology in discussing principles and relationships.
- BI 013-Identify cellular structures and explain the function of cellular structures and cellular transport processes.
- BI 013-Compare and contrast the structure and function of the four basic adult tissue types.
- BI 013-Explain the structure of skin, including important accessory structures.
- BI 013-Explain bone formation, growth, and repair.
- BI 013-Compare and contrast the structure and function of skeletal, cardiac, and smooth muscle.
- BI 013-Explain the structure and function of the eye and the ear.
- BI 013-Explain and identify basic clinical disorders, diseases, and applications, associated with each topic.
- BI 014-Identify the location of major blood vessels and explain how blood pressure and blood flow are regulated.
- BI 014-Identify the structures of the respiratory system.
- BI 014-Explain gas exchange on both the organismal and cellular levels.
- BI 014-Explain the functional anatomy of the digestive system and explain major digestive processes.
- BI 014-Explain how the body regulates fluid volume, fluid osmolarity and regulation of fluid pH.
- BI 014-Compare and contrast the structure and function of the male and female reproductive systems.
- BI 014-Explain the affect of sex hormones on reproductive processes.
- BI 014-Explain physiological changes involved with pregnancy and explain the major steps involved with embryonic development.

Entrance Skills

Basic understanding of human anatomy and physiology. Understanding of basic blood cells and plasma to be applied to disease process. To gain an understanding of the mechanisms of immunity and how this effects disease process and protection. Understanding of the lymph system and how it helps to provide immunity to disease process. Understanding of the digestive system and renal systems to apply to medication absorption and excretion as well as being able to apply the knowledge in disease treatment and process.

Requisite Course Objectives

- BI 014-Explain how hormones affect human physiology and draw out the signaling pathways used by different hormone types.
- BI 014-Compare and contrast the functions of various blood cells and plasma proteins.
- BI 014-Compare and contrast innate and adaptive mechanisms of immunity and explain the role of each type of white blood cell in immune protection.
- BI 014-Identify the location of major blood vessels and explain how blood pressure and blood flow are regulated.
- BI 014-Explain the cardiac cycle and compare and contrast sympathetic and parasympathetic effects on the cardiac cycle.
- BI 014-Identify major lymph vessels and anatomical regions within the lymph node.
- BI 014-Explain how the lymph system interacts with the vascular system and how the processing of lymph contributes to immune system function.
- BI 014-Identify the structures of the respiratory system.
- BI 014-Explain gas exchange on both the organismal and cellular levels.
- BI 014-Explain the functional anatomy of the digestive system and explain major digestive processes.
- BI 014-Identify structures of the urinary system and explain how the kidney processes plasma to produce urine.
- BI 014-Explain how the body regulates fluid volume, fluid osmolarity and regulation of fluid pH.
- BI 014-Compare and contrast the structure and function of the male and female reproductive systems.
- BI 014-Explain the affect of sex hormones on reproductive processes.
- BI 014-Explain physiological changes involved with pregnancy and explain the major steps involved with embryonic development.

Entrance Skills

BI 015 Microbiology

Lab Content

Application of Basic principles of:

- Hand washing
- Patient Environment Assessment
- Personal Protective Equipment (PPE)
- Donning Gloves
- Isolation Precautions
- Bed Making
- Maintains sterile techniques when appropriate
- Identifies clients by checking name bands prior to performing procedures or administering medications
- Manages needles, sharps, and body fluids appropriately
- Ensures and documents that side rails are up, and call light is within reach of client
- States the institutions procedures for Code Blue, Code Red, Disasters, Violence or abduction.
- Employs good body mechanics when assisting clients
- Implements appropriate tools to assess fall and skin risks and develop a plan for safety based on specific client needs.
- Employs restraints per agency protocol and evidenced based practices
- Employs good body mechanics when assisting clients
- Implements appropriate tools to assess fall and skin risks and develop a plan for safety based on specific client needs.
- Identifies own learning needs
- Identifies and utilizes the chain of command in the clinical setting
- Oral care
- Hygiene
- Changing gown for client with intravenous access
- TED/Sequential Compression Devices (SCD)
- Turning and positioning
- Body mechanics
- Ambulation
- Safe Falling
- Transferring
- Restraints
- Introduces self to clients
- Obtains an accurate health history interview
- Presence of Self
- Normal vs. Alterations in health functioning

- Physical Assessment
- Health Beliefs and Cultural Assessment
- Electronic Health Charting
- Focused Notes
- Data Collection
- Conflict Resolution
- Performs and documents an accurate client assessment and health history
- Obtains an accurate client height & weight
- Obtains BP, Pulse, Respirations, Temp, O2Sats
- Performs basic head to toe assessment
- Compiles and records an accurate I&O
- Assists in documentation of calorie counts
- Assesses clients for various types of abuse
- Medication Administration regulations and recommendations
- Medication administration-Oral, topical, ear, eye, nose, SL, SQ, ID, rectal, vaginal, injections
- Pain Medication (non-steroidal anti-inflammatory Drug (NSAIDs), Opioids, non-opioids, COX2 inhibitors)
- Anticoagulants (heparin, Lovenox, aspirin)
- Integumentary medications (Nystatin, Bactroban)
- Complementary Alternative Medications (CAMs)
- Continuous passive movement (CPM)
- Pin care
- Traction
- Splints and Cast care
- Crutches and Canes
- Wheelchair
- Lift systems
- Pain medication administration non-pharmacological
- Pain medication administration pharmacological
- Remove suture and staples, managing drains
- Pre/Intra/Postoperative Care
- Provides wound care
- Prepares and maintains a sterile field
- Performs sterile dressing change
- Performs wound packing
- Provides pressure ulcer care
- Provides orthopedic equipment care: casts, pins, traction, braces, bandages, CPM
- Promotes oxygenation: TCDB, IS
- Maintains sterile techniques when appropriate
- Nutrition and Hydration- Feeding
- Provides Nutrition via oral feeding
- Maintains NPO status as ordered
- Maintains I & O
- Assists client with feeding
- Assist client to choose age-appropriate foods included in clear liquid, full liquid, soft and regular diets
- Assists clients to recognize foods that are high in sodium, fat, potassium, and carbohydrates
- Identifies lab results that reflect nutritional status
- Urinary Elimination- bedpans/urinals, condom catheter, urinary catheter, Periwick, catheter care, bedside commodes
- Bowel Elimination-Provide Ostomy care, rectal tubes
- Assists with Bowel Care: colostomy, evacuation, enema, Harris flush
- Oxygenation
- Assists with mobility: ambulation, positioning, transferring, walkers, wheelchairs
- Provides basic care: bed baths, bed making, personal hygiene
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Course Objectives

Objectives	
Objective 1	See Attached Clinical Evaluation Tool

Student Learning Outcomes

Upon satisfactory completion of this course, students will be able to:	
Outcome 1	Demonstrate accountability for one's own professional practice.
Outcome 2	Apply theoretical concepts to client care.
Outcome 3	Includes client beliefs and culture in patient plan of care.
Outcome 4	Applies principles of effective communication within the health care team.
Outcome 5	Utilizes concepts of safe client care.

Methods of Instruction

Method	Please provide a description or examples of how each instructional method will be used in this course.
Demonstration, Repetition/Practice	Students will have skills demonstrated by instructors in the skills lab and will practice the skills with peers
Observation	Instructors will observe the students practicing skills and the students will perform the skills for instructor feedback and validation
Technology-based instruction	Students will view skill demonstration videos
Experiential	Students will have direct patient care under instructor supervision
Role Playing	Students will perform skills and presentations to demonstrate knowledge of the learned skills.
Collaborative/Team	Students will participate in group projects to collaborate and reinforce the learned skills.

Methods of Evaluation

Method	Please provide a description or examples of how each evaluation method will be used in this course.	Type of Assignment
Critiques	Students will perform skills for the instructors for validation of competency	In Class Only
Field/physical activity observations	Students will be assigned to patients in the various clinical settings and the instructors will observe the students interactions with patients and clinical site staff	In Class Only
Group activity participation/observation	Students are given a project to be completed in small groups and presented to the class	In Class Only
Mid-term and final evaluations	Students will complete a self evaluation for mid-term on their own time (30-60 minutes) and receive a mid-term and final evaluation from the clinical instructor.	In and Out of Class
Other	Students will complete weekly clinical judgement packets (CJP) on clients they cared for in the clinical setting. Data will be gathered at the clinical site and then the CJP will be completed at home by the student (approx. 2-4 hours)	In and Out of Class
Behavior assessment	Using the clinical evaluation tool to assess professional behaviors. In class didactic and clinical interaction with faculty, staff and clinical site staff. Out of class interactions on campus with peers, staff, faculty, and any other individuals interacted with.	In and Out of Class

Computational/problem-solving evaluations	Students will be given medication calculation assessment	In Class Only
Student participation/contribution	Class participation in discussions, socratic questioning	In Class Only
Guided/unguided journals	Students will write weekly reflections	In and Out of Class

Assignments

Other In-class Assignments

Students will have skills demonstrated and then have the opportunity to practice individually and with peers, and perform the skill for faculty for support in mastering the skill.

Students will be assigned clients to care for in the clinical setting

Other Out-of-class Assignments

Clinical Judgement Packets

Reflective Journals

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

Support Course Status

N = Course is not a support course

Allow Audit

No

Repeatability

No

Materials Fee

Yes

Total Material Fees

\$40.00-120.00

Itemized Material Fee List

Cost Per Item	Total Cost	Fee Description
\$40.00-120.00	\$40.00-120.00	NRN 110C Skills Kit

Per Education Code section 76365 and Title 5 regulations, please describe how the required material(s) meets the following.

Required Material Description

This course requires students to simulate real clinical activities that have been taught, in preparation for actual patient care as part of the course agreement.

Tangible personal property?

Yes. The materials listed below, as part of the learning process and in their entirety, are the student's tangible personal property.

Owned or controlled by the student?

Yes. The completed practice equipment materials are owned and controlled by the student. They have value after the class is completed because the students continue to utilize them both throughout the semester and in subsequent semester in the Skills Laboratory as they reinforce and are tested on their advancing proficiency.

Solely available from the district?

Yes. By the district providing these materials it is less expensive for the student since the material is being purchased by the student at a bulk or discounted rate instead of normal retail prices.

Continuing value outside the classroom setting?

Yes. These completed listed materials and their accompanying verification of proficiency of use are of continuing value in that they form a record of lessons learned through the various stages of the course of instruction. When reviewed in combination with the other course assignments, they provide a valuable reference resource to the student. The material is neither consumed nor rendered valueless in the instruction process.

Additional Fees?

Yes

Additional Fee Amount

\$10.00

Additional Fees Description

Malpractice Insurance

Files Uploaded

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

Clinical Eval Tool 12-16-21.docx

Approvals

Curriculum Committee Approval Date

05/03/2022

Academic Senate Approval Date

05/12/2022

Board of Trustees Approval Date

05/20/2022

Chancellor's Office Approval Date

05/22/2022

Course Control Number

CCC000631588

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