



## HEALTHCARE SCIENCE

**COURSE:** 25.561 Nursing Essentials

**UNIT:** 27.1 Nurse Assisting in Subacute and Acute Care



## INTRODUCTION

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**Annotation:**

In this unit students will be introduced to nurse assisting in acute and subacute care and will also incorporate aspects of surgical care and long-term care.

**Grade(s):**

X	9 <sup>th</sup>
X	10 <sup>th</sup>
X	11 <sup>th</sup>
X	12 <sup>th</sup>

**Time:**

Two to four 50 minute periods

**Author:**

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**Additional Author(s):**

**Students with Disabilities:**

For students with disabilities, the instructor should refer to the student's IEP to be sure that the accommodations specified are being provided. Instructors should also familiarize themselves with the provisions of Behavior Intervention Plans that may be part of a student's IEP. Frequent consultation with a student's special education instructor will be beneficial in providing appropriate differentiation.



# FOCUS STANDARDS

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## **GPS Focus Standards:**

### **HS-NE-14:**

**The student will analyze and demonstrate (may simulate as necessary) nursing assistant skills which may be performed in an acute care setting.**

- a. Describe the psychological and physical preparation of the preoperative patient/client.
- b. Demonstrate pre and post operative care procedures within scope of practice.
- c. Explain the nursing assistant's responsibilities when caring for a resident/patient/client with special medical equipment and devices included but not limited to intravenous pumps and portable oxygen.

## **GPS Academic Standards:**

## **National / Local Standards / Industry / ISTE:**



# UNDERSTANDINGS & GOALS

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## Enduring Understandings:

The different roles in Acute, Subacute, and Long-Term Care Delivery Systems and how they affect this country

The special care needs of residents/ patients/clients who are in sub-acute and acute settings

The responsibilities of the nursing assistant when caring for pre-operative and post-operative patients

The responsibilities of the nursing assistant when caring for patient who is preparing psychologically and physically for surgery

The responsibilities of the nursing assistant when caring for patient receiving the special treatments in acute care, sub acute care, and long-term care.

## Essential Questions:

- How do sub-acute and acute care settings differ from a long term care setting?
- How does Acute, Sub acute, and Long-Term Care impact the US Healthcare system?
- What nursing assistant skill techniques are essential in providing care to patients/clients/residents in an acute or sub-acute care setting?
- What responsibilities would a nursing assistant have in the care of pre-operative and post-operative patients?

## Knowledge from this Unit:

Signs and symptoms of patients requiring acute versus sub acute care

- Safety precautions observed when oxygen is in use and when other complex equipment is in use
- Scope of practice as related to pre-operative and post-operative care

The purpose and methods for special techniques

The importance to develop skills needed to meet specific patient needs in acute and sub-acute care.

Basic care and reporting guidelines for: IV catheters and pumps, oxygen therapy, artificial airways, pulse oximetry, chest tubes, mechanical ventilation, telemetry and alternative feeding methods

## Skills from this Unit:

Demonstrate the technique for dressing/undressing a patient/client/resident with an IV catheter

Demonstrate the correct technique for making a surgical bed

Demonstrate the use of a pulse oximeter

Size/apply/remove elasticized stockings (Surgical Hose)

Check capillary refill



# ASSESSMENT(S)

## Assessment Method Type:

- ☐ Pre-test
- ☒ Objective assessment - multiple-choice, true- false, etc.
  - ☐ Quizzes/Tests
  - ☒ Unit test
- ☐ Group project
- ☐ Individual project
- ☐ Self-assessment - May include practice quizzes, games, simulations, checklists, etc.
  - ☐ Self-check rubrics
  - ☐ Self-check during writing/planning process
  - ☐ Journal reflections on concepts, personal experiences and impact on one's life
  - ☐ Reflect on evaluations of work from teachers, business partners, and competition judges
  - ☐ Academic prompts
  - ☐ Practice quizzes/tests
- ☒ Subjective assessment/Informal observations
  - ☐ Essay tests
  - ☐ Observe students working with partners
  - ☐ Observe students role playing
- ☐ Peer-assessment
  - ☐ Peer editing & commentary of products/projects/presentations using rubrics
  - ☐ Peer editing and/or critiquing
- ☐ Dialogue and Discussion
  - ☐ Student/teacher conferences
  - ☐ Partner and small group discussions
  - ☐ Whole group discussions
  - ☐ Interaction with/feedback from community members/speakers and business partners
- ☒ Constructed Responses
  - ☐ Chart good reading/writing/listening/speaking habits
  - ☐ Application of skills to real-life situations/scenarios
- ☐ Post-test

**Assessment(s) Title:** Acute and Subacute Care (Written Test)

## Assessment(s) Description/Directions:

## Attachments for Assessment(s):

Information Sheets for Acute/Subacute/Long-term Care: Roles in Healthcare Delivery and The Surgical Patient

- Pulse Oximetry Worksheet/Lab sheet
- Guest Speaker Summary
- Written Test with Answer Sheet and Answer Sheet Key



# LEARNING EXPERIENCES

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## Sequence of Instruction

### 1. Identify the Standards. Standards should be posted in the classroom for each lesson.

HS-NE-14: The student will analyze and demonstrate (may simulate as necessary) nursing assistant skills which may be performed in an acute care setting.

- a. Describe the psychological and physical preparation of the preoperative patient/client.
- b. Demonstrate pre and post operative care procedures within scope of practice.
- c. Explain the nursing assistant's responsibilities when caring for a resident/patient/client with special medical equipment and devices included but not limited to intravenous pumps and portable oxygen.

### 2. Review Essential Questions.

- How do sub-acute and acute care settings differ from a long term care setting?
- How does Acute, Subacute, and Long-Term Care impact the US Healthcare system?
- What nursing assistant skill techniques are essential in providing care to patients/clients/residents in an acute or sub-acute care setting?
- What responsibilities would a nursing assistant have in the care of pre-operative and post-operative patients?

### 3. Identify and review the unit vocabulary.

### 4. Assessment Activity.

#### Instructor:

1. Assign terms/vocabulary/reading or research according to text or use these listed here

- Analgesia
- Burns
- Capillary refill
- Chemotherapy
- Coma
- Dialysis
- Epidural
- Hemodialysis
- Hypoxemia (those at high risk)
- Intravenous therapy and central venous infusion
- Medication pumps
- Oncology

- Oxygen therapy
- Pain management
- Peripheral intravenous central lines
- Peritoneal dialysis
- Pressure sores
- Pulse oximetry
- Radiation therapy
- Rehabilitation
- Relaxation techniques
- Sub-acute Care
- Total parenteral nutrition
- Tracheostomy
- Transcutaneous electrical nerve stimulation

**2.** Interactive lecture on topics specific to...acute, sub-acute, and long-term care. Discuss purpose of sub-acute and acute care and differences between acute, sub-acute, and long-term care.

Option: **GUEST SPEAKER** from one or more of the career areas listed here: (Guest Speaker Summary attached)

- Respiratory Therapy
- Surgery
- ICU worker
- Rehabilitation
- Infusion Therapy
- Oncology
- Wound Management
- Dialysis

Coma Care

pre- post-transplant care

**3. Option:** Take students on a **TOUR** of a sub-acute unit. Describe how to use the various types of equipment used in this area. If possible, allow students to observe or job shadow workers in this area.

**4.** Discuss the responsibilities of the nursing assist when caring for patients receiving treatments in sub-acute care.

**5.** Describe and demonstrate procedures or (option 3) plan with the tour guide some procedures that student's might watch.

**NOTE:** Skills for classroom lab

Demonstrate the technique for dressing/undressing a patient/client/resident with an IV catheter

Demonstrate the correct technique for making a surgical bed or review this procedure

Demonstrate the use of a pulse oximeter

Applying/removing elasticized stockings

Checking capillary refill

6. Administer written test

**Student:**

1. Using assigned text/ information sheet (attached) or internet, define vocabulary items
2. Share stories of related experiences
3. Do guest speaker summary if a guest speaker presents information on topic related to acute or subacute care
4. Be prepared to discuss purpose of the therapy, important observations to report, and special nursing care techniques that a nursing assistant might assist in while in a subacute care unit.
5. Perform skills learned in the classroom lab as re-listed below
  - Perform the technique for dressing/undressing a patient/client/resident with an IV catheter
  - Perform the correct technique for making a surgical bed or review this procedure
  - Perform checking capillary refill
  - Demonstrate use of a pulse oximeter
  - Size/Apply/remove elasticized stockings

**Attachments for Learning Experiences:**

**Notes & Reflections:**

- Commonly used texts for health occupations and nursing assistant care have wonderful rubrics or skills check sheets for the related skills of this unit.



## CULMINATING PERFORMANCE TASK (Optional)

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### **Culminating Unit Performance Task Title:**

Dressing/undressing a patient/client/resident with an IV catheter (Refer to text)

Making a surgical bed or review this procedure (Refer to text)

Proper use of a pulse oximeter (See attached worksheet/lab doc)

Applying/removing elasticized stockings (Refer to text)

Checking capillary refill (Refer to text)

### **Culminating Unit Performance Task Description/Directions/Differentiated**

Refer to text rubrics and skills check sheets

### **Attachments for Culminating Performance Task**

Use rubrics from available text





## UNIT RESOURCES

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### Web Resources:

**Attachment(s):** Supplemental files not listed in assessment, learning experiences, and performance task.

### Materials & Equipment:

Textbook/ Information sheet (attached) & skills checklist rubrics from your text

Equipment: Hospital bed, Pulse oximeter, IV bag and tubing, Portable oxygen tank, O2 mask/nasal cannula and tubing

Computer/Internet access

### What 21st Century Technology was used in this unit:

<input checked="" type="checkbox"/>	Slide Show Software	<input type="checkbox"/>	Graphing Software	<input type="checkbox"/>	Audio File(s)
<input type="checkbox"/>	Interactive Whiteboard	<input type="checkbox"/>	Calculator	<input type="checkbox"/>	Graphic Organizer
<input type="checkbox"/>	Student Response System	<input type="checkbox"/>	Desktop Publishing	<input type="checkbox"/>	Image File(s)
<input type="checkbox"/>	Web Design Software	<input type="checkbox"/>	Blog	<input type="checkbox"/>	Video
<input type="checkbox"/>	Animation Software	<input type="checkbox"/>	Wiki	<input type="checkbox"/>	Electronic Game or Puzzle Maker
<input type="checkbox"/>	Email	<input checked="" type="checkbox"/>	Website		