



HEALTHCARE SCIENCE

COURSE: 25.561 Nursing Essentials

UNIT: 13.1 Nervous System



INTRODUCTION

Annotation:

In this unit students will identify three diseases related to the nervous system. The students will also recall three nursing assistant skills for working with patients with a nervous system disease and or disorder.

Grade(s):

<input type="checkbox"/>	9 th
<input type="checkbox"/>	10 th
<input checked="" type="checkbox"/>	11 th
<input checked="" type="checkbox"/>	12 th

Time:

Three 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

GPS Focus Standards:

HS-NE-12:

The student will perform basic nursing assistant skills within the scope of practice for a nursing assistant while maintaining resident rights. Beginning and ending procedures actions will be performed with all resident care

- a. Measure and record vital signs including blood pressure using manual and electronic equipment
- d. Demonstrate understanding of body systems while recognizing abnormal changes in body function and reporting changes to supervisor

CTAE-FS-2

Academic Foundations: Learners achieve state academic standards at or above grade level.

GPS Academic Standards:

National / Local Standards / Industry / ISTE:



UNDERSTANDINGS & GOALS

Enduring Understandings:

- Describe at least 3 diseases of the nervous system.
- Recall nursing skills related to assisting patients with nervous diseases

Essential Questions:

- What diseases are related to the nervous system?

Knowledge from this Unit:

Skills from this Unit:

- Recognize three symptoms of three diseases related to the nervous system.
- Recall nursing skills related to patients with nervous system diseases.



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:

Nervous System Disease Test

Assessment(s) Description/Directions:

Attachments for Assessment(s):



LEARNING EXPERIENCES

Sequence of Instruction

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

HS-NE-12: The student will perform basic nursing assistant skills within the scope of practice for a nursing assistant while maintaining resident rights. Beginning and ending procedures actions will be performed with all resident care

CTAE-FS-2 Academic Foundations: Learners achieve state academic standards at or above grade level.

2. Review Essential Questions.

- What diseases are related to the nervous system?

3. Identify and review the unit vocabulary.

4. Assessment Activity.

Read classroom book for information, helps students to become familiar with the lecture topic

- a) Lecture and overview of the outline; have student take notes
- b) Review procedures for stroke patients
- c) May go to the website <http://deptets.fvtc.edu/nursing/> to review certain nursing skills and or procedures
- d) If students have not had procedures, refer to restorative care. Some of these procedures are included in that unit
- e) Have students practice procedures stroke patients
- f) Observe students and reinforce correct techniques
- g) Test over the Nervous System

Attachments for Learning Experiences:

Notes & Reflections:

The teacher can adapt this lesson plan as it best fits into their classroom.



CULMINATING PERFORMANCE TASK (Optional)

Culminating Unit Performance Task Title:

Identify 6 guidelines for caring for a stroke patient

Culminating Unit Performance Task Description/Directions/Differentiated

Have students list at least 6 guidelines on a piece of paper and or demonstrate the guide lines listed in the outline for caring for a stroke victim

Attachments for Culminating Performance Task

Match the correct answers from the guideline. May use individual skill check off from previous task from other specific NA skills.



UNIT RESOURCES

Web Resources:

- <http://deptets.fvtc.edu/nursing/> review lesson # 65 Nervous Disorders
- <http://www.nlm.nih.gov/medlineplus/tutorial.html> Learn about Diseases, test and prevention website

Attachment(s):

Materials & Equipment:

What 21st Century Technology was used in this unit:

<input 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		