



HEALTHCARE SCIENCE

COURSE: 25.561 Nursing Essentials

UNIT: 1.1 Healthcare Delivery Systems



INTRODUCTION

Annotation:

In this unit students will identify healthcare delivery systems and how the systems work together to deliver quality healthcare including health insurance plans. Students will construct a healthcare delivery system model using organizational charts as they utilize the most common healthcare pathways in these systems. Students will research the history of healthcare delivery systems and analyze current trends in healthcare delivery. (Please note the specifics for Nursing Essentials are given. Supporting documents used in Introduction to Healthcare Science may be modified for this course.)

Grade(s):

X	9 th
X	10 th
X	11 th
X	12 th

Time:

Twelve 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-6: The student will analyze the organizational structure of the nursing facility.

- a. Differentiate between long-term care and other healthcare agencies.
- b. Examine the administrated structure for healthcare agencies.
- c. Compare and contrast the relationship between various governmental and private agencies that define the guidelines for resident/patient/client quality care.
- d. Follow institutional policies and procedures when providing care.

GPS Academic Standards:

ELA11W3: The student uses research and technology to support writing.

SSEF4: The student will compare and contrast different economic systems, and explain how they answer the three basic economic questions of what to produce, how to produce and for whom to produce.

MM2P1: Students will solve problems (using appropriate technology)

MM2P4: Students will make connections among mathematical ideas and to other disciplines.

SSEF2: The student will give examples of how rational decision making entails comparing the marginal benefits and the marginal costs of an action)

SSEPF5: The student will describe how insurance and other risk-management strategies protect against financial loss.

National / Local Standards / Industry / ISTE:



UNDERSTANDINGS & GOALS

Enduring Understandings:

- Students will understand the services provided by many different healthcare delivery systems and how the systems ensure quality healthcare.
- Students will identify key persons, times, and events in the history of healthcare delivery systems and how these past events and current trends compare and affect the healthcare delivery that we have now.
- Students will analyze coverage of different types of health insurance plans and calculate deductibles and co-payments for all types.

- Students will construct a healthcare delivery system model with a simulated organizational chart diagramming the interdependence of healthcare professions within each system.
- Nursing Essentials students will construct a nursing organizational chart and explain the importance for following policies and procedures of a healthcare system.

Essential Questions:

- What are the different types of healthcare delivery systems, who qualifies for their services, and what are the services that these systems provide?
- How has the history of healthcare delivery systems changed over the years and how has current trends in delivery systems changed in this technological age?
- What are different types of health insurance plans and what services do they provide and what are the responsibilities of the insurer and the insured?
- How do I design a healthcare system delivery business of my choice, what staff do I need to run my business, and how will I advertise my business?
- Nursing Essentials Students only: Why is it vitally important to follow the policy and procedures manual of an institution?

Knowledge from this Unit:

- Healthcare delivery system and health insurance terms
- How organizational structure charts work
- Historical persons, time periods, and events that has changed healthcare delivery.

Skills from this Unit:

- Application of mathematical skills: percentages; measurements; and basic math problems.
- Drawing skills either via computer or freehand of a healthcare system.
- Speaking skills as students share their health delivery system model with others.
- Writing skills as students make “help wanted” ads and advertising brochures of their model.
- Teamwork skills as students design their model in pairs or small groups.



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:

- Formative assessment (daily grade) Lesson 1, 2, 3
- Self Assessment Lesson 1, 2 (Review game)
- Summative assessment (Knowledge test) Lesson 1, 2, 3
- Combined methods for Lesson 4 of self assessment, peer assessment, informal checks, and teacher assessment with constructive responses
- Informal check, daily grade, test grade for Lesson 5

Assessment(s) Description/Directions:

- Daily grade (optional) for assignment sheets for Lesson 1, 2, 3
- Participation grade for Review Games
- Written test over Lessons 1, 2, 3

- Project grade over Lesson 4 using Rubric
- Informal check, daily grade, or knowledge test (summative) over Lesson 5

Attachments for Assessment(s):

- [Healthcare Delivery Systems Assignment sheet](#) (Written assignment over Lesson 1 and 2)
- [Health Insurance](#) (This could be displayed on a white board projector as a class assignment for Lesson 2)
- [Healthcare Delivery Systems Review Game](#) (Option 2 of this game could be placed on student share drive so students could do it on computer after studying Lessons 1-3)
- [Organizational Structure Assignment](#) (This is Lesson 3 assignment. This chart is very rough. If you use Inspiration Software program, you could design a very neat structure chart. Nursing Essential Phase may do a nursing flow chart as well.)
- [History Review Game](#) (This is for Lesson 5. May cut up names and descriptions and have students draw out and match them going around room. May place on student share drive and let students cut and paste as a review.)



LEARNING EXPERIENCES

Sequence of Instruction

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

HS-NE-6: The student will analyze the organizational structure of the nursing facility.

2. Review Essential Questions.

- What are the different types of healthcare delivery systems, who qualifies for their services, and what are the services that these systems provide?
- How has the history of healthcare delivery systems changed over the years and how has current trends in delivery systems changed in this technological age?
- What are different types of health insurance plans and what services do they provide and what are the responsibilities of the insurer and the insured?
- How do I design a healthcare system delivery business of my choice, what staff do I need to run my business, and how will I advertise my business?
- Nursing Essentials Students only: Why is it vitally important to follow the policy and procedures manual of an institution?

3. Identify and review the unit vocabulary.

4. Assessment Activity.

Introduction to Healthcare Science Course

- a) Introduce the unit by asking “Have any of you ever been sick? When you went to the doctor, think of all the different workers that you saw in that office? Do you know what their titles were and what duties that they did? Are there only doctors and nurses in a doctor’s office?”
- b) Lesson 1: Instruct students to complete assignment over types of healthcare facilities and health insurance plans. (50 minute period)
- c) Lesson 2: Instruct students to complete assignment over health insurance plans. (50 minute period)
- d) Lesson 3: Look at organizational structures, discuss, and design one of your own. (50 minute period)
- e) Lesson 4: Construct a healthcare delivery system model that will demonstrate the interdependence of healthcare professions within the system. (five to eight 50 minutes periods)
- f) Lesson 5: Research the history of healthcare delivery systems and analyze current trends in delivery systems. (three 50 minute periods)

Nursing Essentials Course

- a) Review Lessons 1 and 2. Use a Nursing Organizational Chart for this course instead of the medical office organizational chart of Lesson 3. (two 50 minute periods)
- b) Explain the importance of following policy and procedure books when doing nursing skills.

Attachments for Learning Experiences:

Notes & Reflections:

Most of this Unit Plan is designed for Introduction of Healthcare Science Course. A brief review of healthcare delivery systems via games could be used for Nursing Essentials Course and the organizational structure chart should be for nursing career. Following policy and procedure books in nursing should be emphasized.



CULMINATING PERFORMANCE TASK (Optional)

Culminating Unit Performance Task Title #1:

Healthcare Delivery Systems/ Health Insurance Plans/ Organizational Charts

Culminating Unit Performance Task Description/Directions/Differentiated:

(Assignment sheets and review game for this task are in the Balanced Assessment section above)

Using your Healthcare Science textbook and assignment sheets to:

1. Identify healthcare facilities including government and nonprofit agencies and explain what services they provide.

2. Describe different types of health insurance plans and what services that each provides and to whom they provide the services.
3. Calculate deductibles, co-payments, and premiums of health insurance plans as you analyze costs of healthcare delivery.
4. Construct an organizational structure chart for a healthcare office that you will design.

Attachments for Culminating Performance Task:

- [Healthcare Delivery Systems Test](#) Written test over lessons 1, 2, and 3 with answers
- [Healthcare Delivery Systems test \(modified\)](#) Modified test over lessons 1, 2, and 3 with answers

Culminating Unit Performance Task Title #2:

Construct a healthcare delivery system model.

Culminating Unit Performance Task Description/Directions/Differentiated:

[Directions for designing healthcare delivery system model](#)

Attachments for Culminating Performance Task:

- [Healthcare Delivery System Model Rubric](#)

Culminating Unit Performance Task Title #3:

Research the history of healthcare delivery systems throughout time including key persons, inventions, discoveries, time periods, and technology. Also analyze the current trends in delivery systems today.

Culminating Unit Performance Task Description/Directions/Differentiated:

1. Use Multi-media attachment for lecture and discussion about important persons and times in history of healthcare. [History of Healthcare Multi-Media](#)
2. Play “history review game” found in Balanced Assessments above.
3. Have students share “current events” in healthcare monthly. This can be orally, by news reporter style, video taped, etc. to share with whole class.

Attachments for Culminating Performance Task:

- [Healthcare History Written Test](#)



UNIT RESOURCES

Web Resources:

www.inspiration.com (You may click on this link for a free trial offer of Inspiration Software if it is not on your school or home computer.)

Attachment(s):

Materials & Equipment:

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		
