

# 01\_Introduction to Clinical Care Unit I

Content Area: **Science**  
Course(s):  
Time Period: **Full Year**  
Length: **2-3 weeks**  
Status: **Published**

## **General Overview, Course Description or Course Philosophy**

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This course assesses the student's ability to recognize and understand the entire health research process. Students are expected to know how to conceptualize a research project and see it through to completion, including identifying a focused research question, choosing appropriate study designs, collecting data that will answer the question, basic understanding of data analysis, disseminating findings, and following research ethical principles and considerations.

## **OBJECTIVES, ESSENTIAL QUESTIONS, ENDURING UNDERSTANDINGS**

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### The Health Research Process

- There is a history of clinical trials from an ethical perspective
- There are different types of health research (clinical, basic science, population health etc.)
- There are five steps for the entire health research process

## **CONTENT AREA STANDARDS**

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VHEL.9-12.9.4.12.H.6	Demonstrate use of the concepts, strategies, and systems for obtaining and conveying ideas and information to enhance communication.
VHEL.9-12.9.4.12.H.7	Locate, organize, and reference written information from various sources to communicate with others.
VHEL.9-12.9.4.12.H.10	Develop and deliver formal and informal presentations using appropriate media to engage and inform audiences.

## **RELATED STANDARDS (Technology, 21st Century Life & Careers, ELA Companion Standards are Required)**

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WRK.9.1.2.CAP

Career Awareness and Planning

## **STUDENT LEARNING TARGETS**

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### **Declarative Knowledge**

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Students will understand that:

- the history of clinical trials from an ethical perspective
- different types of health research (clinical, basic science, population health etc.)
- the five steps for the entire health research process

### **Procedural Knowledge**

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Students will be able to:

- Discuss the history of clinical trials from an ethical perspective
- Distinguish different types of health research (clinical, basic science, population health etc.)
- Understand the five steps for the entire health research process
- Recognize the following key content: Clinical Research, health research, basic medical research, population health research, public health, research process

## **EVIDENCE OF LEARNING**

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### **Formative Assessments**

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Required Activities:

- 1) Checkpoint questions
- 2) Comprehension of key terms
- 3) Completion of Study Guide
- 4) Chapter Quiz-test Questions

### **Summative Assessments**

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- Diagrams
- Quizzes
- Tests

### **RESOURCES (Instructional, Supplemental, Intervention Materials)**

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- Nearpod.com
- Edpuzzle.com
- Group and partner activities are assigned when possible
- Students will be grouped based on learning styles and approach to processing content
- <https://www.usa.edu/blog/diversity-in-healthcare/>

### **INTERDISCIPLINARY CONNECTIONS**

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Information writing

Ethics

Historical research

## **ACCOMMODATIONS & MODIFICATIONS FOR SUBGROUPS**

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See link to Accommodations & Modifications document in course folder.