

HTEC-1120: CRITICAL THINKING IN HEALTHCARE

Cuyahoga Community College

Viewing: HTEC-1120 : Critical Thinking in Healthcare

Board of Trustees:

2012-05-25

Academic Term:

Fall 2021

Subject Code

HTEC - Health Technology

Course Number:

1120

Title:

Critical Thinking in Healthcare

Catalog Description:

Designed for health careers students. Overview of principles involved in critical and creative thinking with an emphasis on practical applications in the healthcare environment. A discussion of skillful analysis, assessment and communication in the problem-solving process.

Credit Hour(s):

1

Lecture Hour(s):

1

Requisites

Prerequisite and Corequisite

ENG-0995 Applied College Literacies, or appropriate score on English Placement Test.

Note: ENG-0990 Language Fundamentals II taken prior to Fall 2021 will also meet prerequisite requirements.

Outcomes

Course Outcome(s):

Utilize critical thinking skills to recognize problems and raise questions, gather evidence to support answers and solutions, and evaluate alternative solutions in the healthcare setting.

Objective(s):

1. Evaluate alternative solutions using ethical approaches.
2. Demonstrate a working concept of critical thinking as problem solving.
3. Assess one's critical thinking mindset using an open-minded approach.
4. Apply standards to develop and prioritize solutions to problems.
5. Utilize appropriate resources to locate and assess credible health-related sources of information.

Course Outcome(s):

Apply effective communication skills to deliver patient care using a critical thinking approach.

Objective(s):

1. Identify effective professional communication techniques, especially in terms of speaking and listening to patients and colleagues.
 2. Choose appropriate categories of questions to effectively communicate with others.
 3. Describe why collaboration with others is often essential to thinking critically.
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Methods of Evaluation:

1. Quizzes and exams
2. Written assignments
3. Student participation, including in class and online activities
4. Attendance
5. Group projects

Course Content Outline:

1. Basics of critical thinking
 - a. Definitions and key words
 - b. Thinking as a process to understand our experiences
 - c. Attitudes and habits that prevent and encourage critical thinking
2. Understanding the concepts of reasoning
 - a. Standards
 - b. Elements
 - c. Intellectual traits
 - d. Analyzing thinking for flaws
 - e. The functions of the mind
3. Recognizing the importance of communication
 - a. Effective communication techniques
 - b. Importance of questioning and the categories of questions
 - c. Application to healthcare settings
4. Strategies of self-assessment in the thinking process
 - a. Critical thinking mindset self-rating tool
 - b. Communication skills survey
 - c. Analysis of ego-centric vs. socio-centric thinking
 - d. Dealing with irrational thought
5. Fundamentals of ethical decision-making
 - a. Concepts and principles
 - b. Framework for ethical decision making
 - c. Problem solving and decision making strategies
 - d. Collaboration with others
 - e. Application to healthcare scenarios
6. Analysis of arguments
 - a. Criteria for identification of key points in the argument
 - b. Identifying and locating credible evidence
 - c. Recognize and value various viewpoints
 - d. Explore issues from multiple perspectives
7. Strategic thinking processes
 - a. Apply rational thinking to healthcare disciplines
 - b. Verbalize a choice for action based on 'for' and 'against' viewpoints
 - c. Judge the reliability of information
 - d. Understand the interdependence of thoughts, feelings and desires
 - e. Apply to essays and/or healthcare case studies

Resources

Moore, Brooke and Richard Parker. *Critical Thinking*. 12th ed. New Jersey: McGraw Hill Higher Education, 2016.

Vaughn, Lewis. *The Power of Critical Thinking: Effective Reasoning About Ordinary and Extraordinary Claims*. 5th ed. New York: Oxford University Press, 2015.

Elder, Linda and Richard Paul. *30 Days to Better Thinking and Better Living Through Critical Thinking*. New Jersey: Pearson Education, 2013.

Boss, Judith A. *THINK: Critical Thinking and Logic Skills for Everyday Life*. 4th ed. New York, NY: McGraw-Hill, 2016.

Pozgar, George D. *Legal and Ethical Issues for Health Professionals*. 4th ed. Burlington, MA: Jones and Bartlett Learning, 2016.

Facione, Peter and Carol Ann Gittens. *Think Critically*. 3rd ed. Upper Saddle River, NJ: Pearson Education, 2016.

Aveyard, Helen, et al. *A Beginner's Guide to Critical Thinking and Writing in Health and Social Care*. 2nd ed. Open University Press: McGraw-Hill Education, 2015.

LearningExpress. *Critical Thinking Skills Success in 20 Minutes a Day*. 3rd ed. NY: LearningExpress, 2015.

Resources Other

1. Foundation for Critical Thinking: www.criticalthinking.org (<http://www.criticalthinking.org/>)
2. The Kennedy Institute of Ethics: <https://kennedyinstitute.georgetown.edu/>

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