

# BXN1 – BXN1 TASK 1: INFORMATION TECHNOLOGY

INFORMATION TECHNOLOGY IN NURSING PRACTICE – D220  
PRFA – BXN1

Preparation

Task Overview

Submissions

Evaluation Report

## COMPETENCIES

### **738.3.1: Explain Health Data**

The learner explains how data factors into decision-making to promote high-quality patient healthcare.

### **738.3.2: Identify Barriers to Informatics Use**

The learner identifies barriers to the use of informatics to improve patient outcomes and advance health literacy.

### **738.3.3: Differentiate Among Health Information Systems and Technologies**

The learner differentiates among health information systems and technologies that support decision-making.

### **738.3.4: Evaluate Health Information Technology Data**

The learner evaluates health information technology data in nursing practice to monitor and improve patient outcomes.

### **738.3.5: Describe Legal and Ethical Implications**

The learner describes the legal and ethical implications related to informatics in the healthcare environment.

## INTRODUCTION

Information Technology in Nursing Practice provides a basic overview of information technology as it relates to the baccalaureate-prepared nurse. It is a foundational overview of nursing informatics with an emphasis on developing basic competency.

In this task, you will discuss how data factor into promoting high-quality patient care and the impact of barriers on patient healthcare in a selected healthcare setting. You will also identify legal and ethical implications and a nurse's role in the use of data while ensuring high-quality patient care.

## REQUIREMENTS

Your submission must represent your original work and understanding of the course material. Most performance assessment submissions are automatically scanned through the WGU similarity checker. Students are strongly encouraged to wait for the similarity report to generate after uploading their work and then review it to ensure Academic Authenticity guidelines are met before submitting the file for evaluation. [Help](#)

See Understanding Similarity Reports for more information.

**Grammarly Note:**

Professional Communication will be automatically assessed through Grammarly for Education in most performance assessments before a student submits work for evaluation. Students are strongly encouraged to review the Grammarly for Education feedback prior to submitting work for evaluation, as the overall submission will not pass without this aspect passing. See Use Grammarly for Education Effectively for more information.

**Microsoft Files Note:**

Write your paper in Microsoft Word (.doc or .docx) unless another Microsoft product, or pdf, is specified in the task directions. Tasks may not be submitted as cloud links, such as links to Google Docs, Google Slides, OneDrive, etc. All supporting documentation, such as screenshots and proof of experience, should be collected in a pdf file and submitted separately from the main file. For more information, please see Computer System and Technology Requirements.

*You must use the rubric to direct the creation of your submission because it provides detailed criteria that will be used to evaluate your work. Each requirement below may be evaluated by more than one rubric aspect. The rubric aspect titles may contain hyperlinks to relevant portions of the course.*

- A. Identify a healthcare setting and an electronic health record system (EHRS) that could be used in this setting.
  1. Describe the purpose of the EHRS used in the identified healthcare setting.
  2. Using a specific example, explain how this EHRS is used to make decisions promoting high-quality patient care in this healthcare setting.
  3. Identify a barrier/challenge (e.g., privacy, costs, usability, accessibility, terminology, accuracy, etc.) to using this EHRS in this healthcare setting.
  4. Describe the role of the nurse in maintaining data integrity while overcoming this barrier/challenge.
  5. Explain how overcoming this barrier/challenge will improve patient outcomes.
  6. Explain how overcoming this barrier/challenge will advance health literacy.
  
- B. Identify **one** health information system and **one** technology to use in the healthcare setting identified in part A.
  1. Discuss how the health information system supports decision-making in patient care.
  2. Discuss how the technology supports decision-making in patient care.
  3. Explain the importance of evaluating data from health information systems (e.g., reliability, quality, consistency, security).
  
- C. Describe how relevant laws and policies guide the use of health information systems and safeguard healthcare information by doing the following:
  1. Using a specific example from the American Health Information Management Association (AHIMA) code of ethics, explain the nurse's ethical responsibility regarding the use of protected healthcare information.
  2. Using a specific example from the Health Insurance Portability and Accountability Act (HIPAA) legislation, explain the nurse's legal responsibility regarding the use of protected healthcare information.

D. Acknowledge sources, using in-text citations and references, for content that is quoted, paraphrased, or summarized.

E. Demonstrate professional communication in the content and presentation of your submission.

*Note: For best results, please focus on the specific correctness errors identified by Grammarly for Education to help guide your revisions. If you need additional assistance preparing your submission, please contact your instructor*

## File Restrictions

File name may contain only letters, numbers, spaces, and these symbols: ! - \_ . \* ' ( )

File size limit: 200 MB

File types allowed: doc, docx, rtf, xls, xlsx, ppt, pptx, odt, pdf, csv, txt, qt, mov, mpg, avi, mp3, wav, mp4, wma, flv, asf, mpeg, wmv, m4v, svg, tif, tiff, jpeg, jpg, gif, png, zip, rar, tar, 7z

## RUBRIC

### A:SETTING

#### NOT EVIDENT

The submission identifying a healthcare setting and an electronic health record system (EHRS) is not provided.

#### APPROACHING COMPETENCE

The submission identifies the healthcare setting or the electronic health record system (EHRS) but not *both*.

#### COMPETENT

The submission clearly identifies a healthcare setting and an electronic health record system (EHRS).

### A1:SETTING AND DATA

#### NOT EVIDENT

The submission does not describe the purpose of the EHRS.

#### APPROACHING COMPETENCE

The submission does not clearly describe the purpose of the EHRS, or the EHRS is not relevant or not used in this healthcare setting, or the purpose is not related to this healthcare setting. Or the EHRS or healthcare setting or *both* are not consistent with those identified in part A.

#### COMPETENT

The submission clearly describes the purpose of the EHRS used in the healthcare setting, and the purpose is related to the healthcare setting. The EHRS and healthcare setting are consistent with those identified in part A.