NR360 Information Systems in Healthcare
RUA: Technology Presentation Guidelines

Purpose

The purpose of this assignment is to (a) explore and present an information technology used in the healthcare system that supports the patient care experience and (b) develop the skills of team communication, collaboration, and production.

Course outcomes: This assignment enables the student to meet the following course outcomes:

CO 1: Describe patient-care technologies as appropriate to address the needs of a diverse patient population. (PO 1)

CO 5: Identify patient care technologies, information systems, and communication devices that support safe nursing practice. (PO 5)

CO 6: Discuss the principles of data integrity, professional ethics, and legal requirements related to data security, regulatory requirements, confidentiality, and client's right to privacy. (PO 6)

CO 8: Discuss the value of best evidence as a driving force to institute change in delivery of nursing care. (PO 8)

Due date: Your faculty member will inform you when this assignment is due. The Late Assignment Policy applies to this assignment.

Total points possible: 240 points

Preparing the assignment

Follow these guidelines when completing this assignment. Speak with your faculty member if you have questions.
1) For this team project, students will be assigned by faculty into teams of three to five individuals depending upon class size.
    a. Teams will receive a project grade based on assessment by the project rubric, which will then be applied to each individual's grade for the project minus points for lack of participation in the development or presentation of the project.
    b. The team leader will make all dropbox submissions for the course so that the:
        • TURNITIN similarity index will not pick up inadvertent self-plagiarism from another team member's submission.
        • Course faculty will have only one submission to review and grade.
2) Prepare a PowerPoint presentation with speaker notes between 25-30 slides, excluding the title and reference slides.
    a. Speaker Notes
        • Outline and "script" the presentation for online students.
            o Online students' speaker notes should include the name of the student who researched and presented the slide information.
            o Campus students follow the guidelines of your course instructor.
    b. Scholarly writing and APA guidelines should be followed as applicable to PowerPoint slides.
    c. Cite sources in APA format in the applicable slides and include the APA formatted reference in your reference list slide(s) - minimum 6 references.
    d. Spelling, grammar, and punctuation apply even in bullet points and speaker slides (e.g., quotation marks, italics, verb tense, etc.).
    e. Copyright and plagiarism guidelines apply.
3) Each team will be assigned a healthcare information systems technology (e.g., Computerized Physician Order Entry, Electronic Health Record, Electronic Medical Record, etc.) by the course instructor. For that technology, include the following discussions in the presentation:
    a. Introduction of Technology and Team - 20 points/8%
        • Title slide identifies the assigned technology.
        • Title slide introduces team members.

- Presentation provides an introduction that:
    - Describes the technology
    - States a purpose for use of the technology in healthcare
    - Establishes the professional tone for the presentation

b. History and Current Use - 30 points/14%
  - Describe significant findings that prompted the development of the technology.
  - Discuss the history and current use of the technology in healthcare.
  - Describe three goals of this technology's implementation.

c. Impact on Healthcare and Nursing - 40 points/16%
  - Discuss impact on professional nursing practice related to:
    - Patient safety
    - Quality of care measures/monitoring
    - Risk management
    - Privacy, confidentiality, and security of patient data
    - Effect on population within the region
    - Ethical practice
    - Compliance with legal and regulatory mandates
    - Organizational infrastructure and operations
  - Support discussions with examples & data from current evidence-based resources.

d. Three Advantages and Disadvantages - 40 points/16%
  - Patient's perspective (e.g., patient outcomes, safety, patient/family satisfaction)
  - Nurse's perspective (improves/hinders job efficiency/safety)
  - Healthcare organization's perspective (regulatory compliance, financial, etc.)

e. Controversy, Issues, Challenges, and Regulatory Implications - 30 points/14%
  - How might issues surrounding the chosen technology be addressed/solved?
  - Provide statistically significant data or evidence to support your findings.

f. Summary - 20 points/8%
  - Key points
  - Discoveries/surprises
  - Lessons learned by the team

g. Team Project Evaluation - 40 points/16%
  - Place & discuss the following questions and responses in the slides(s) following the summary slide and prior to the reference slide(s).
  - How did the team function well? (e.g., team strengths, team balance, etc.)
  - What problems did you have interacting as a team? (e.g., team weaknesses, outside challenges, technology, etc.)
  - What specific actions would you recommend to future teams to help them interact, function, and collaborate successfully?

h. Presentation, Scholarly Writing, and APA format - 20 points/8%
  - 25-30 PowerPoint slides with speaker notes (excluding title & reference slides)
  - Submitted to Dropbox/Turnitin by Team leader only
  - Speaker Notes outline and "script" the presentation for online students.
  - Online students' speaker notes should include the name of the student who researched and presented the slide information.
  - Campus students follow the guidelines of your course instructor.
  - Copyright and plagiarism guidelines apply.
  - Scholarly writing and current APA guidelines should be followed as applicable to PowerPoint slides.
  - Cite sources in APA format in the applicable slides and include the APA formatted reference in your reference list slide(s)- minimum 6 references.
  - Spelling, grammar, and punctuation apply even in bullet points and speaker slides (e.g., quotation marks, italics, verb tense, etc.).

For writing assistance (APA, formatting, or grammar), visit the [APA Citation and Writing](#) page in the online library.

Please note that your instructor may provide you with additional assessments in any form to determine that you fully understand the concepts learned in the review module.

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Grading Rubric

Criteria are met when the student's application of knowledge demonstrates achievement of the outcomes for this assignment.

Assignment Section and Required Criteria (Points possible/% of total points available)	Highest Level of Performance	High Level of Performance	Satisfactory Level of Performance	Unsatisfactory Level of Performance	Section Not Present in Paper
Introduction of Technology & Team (20 points/8%)	**20 points**	**18 points**	**16 points**	**7 points**	**0 points**
• Title slide identifies the assigned technology. • Title slide introduces team members. • Introduction describes the technology. • Introduction states a purpose for use of the technology in healthcare. • Introduction establishes the professional tone for the presentation.	All criteria are described comprehensively.	All criteria are described concisely but not comprehensively (or) one element is not addressed.	3 criteria are fully met	1-2 criteria fully met	Criteria not present
History & Current Use (30 points/14%)	**30 points**	**26 points**	**23 points**	**10 points**	**0 points**
• Describe significant findings that prompted the development of the technology. • Discuss the history and current use of the technology in healthcare. • Describe three goals of this technology's implementation.	All criteria are described comprehensively with consideration of alternate perspectives or presentation of supporting data.	All criteria are described concisely but not comprehensively. Some elements of alternate perspectives or presentation of supporting data are present.	2 criteria fully met	1 criteria fully met	Criteria not present
Impact on Healthcare & Nursing (40 points/16%)	**40 points**	**35 points**	**30 points**	**14 points**	**0 points**
Discuss impact on professional nursing practice related to: • Patient safety • Quality of care measures/monitoring • Risk management	All criteria are described comprehensively with consideration of alternate	All criteria are described concisely but not comprehensively. Some elements of	6 criteria fully met	3 criteria fully met	Criteria not present

- Privacy, confidentiality, and security of patient data - Effect on population within the region - Ethical practice - Compliance with legal and regulatory mandates - Organizational infrastructure and operations - Support discussions with examples & data from current evidence-based resources	perspectives or presentation of supporting data.	alternate perspectives or presentation of supporting data are present.			
Three Advantages & Disadvantages (40 points/16%)	**40 points**	**35 points**	**30 points**	**14 points**	**0 points**
Three advantages and disadvantages are presented for: - Patient's perspective (e.g., patient outcomes, safety, patient/family satisfaction) - Nurse's perspective (improves/hinders job efficiency/safety) - Healthcare organization's perspective (regulatory compliance, financial, etc.)	All criteria are described comprehensively with consideration of alternate perspectives or presentation of supporting data.	All criteria are described concisely but not comprehensively. Some elements of alternate perspectives or presentation of supporting data are present.	2 criteria fully met	1 criteria fully met	Criteria not present
Controversy/Issues/Challenges/Regulatory Implications (30 points/14%)	**30 points**	**26 points**	**23 points**	**10 points**	**0 points**
- Controversy, issues, challenges, and regulatory implications are addressed. - The presentation answers the question, "how might issues surrounding the chosen technology be addressed/solved?" - Statistically significant data or evidence is provided to support the findings.	All criteria are described comprehensively with consideration of alternate perspectives or presentation of supporting data.	All criteria are described concisely but not comprehensively. Some elements of alternate perspectives or presentation of supporting data are present.	2 criteria fully met	1 criteria fully met	Criteria not present
Summary (20 points/8%)	**20 points**	**18 points**	**15 points**	**7 points**	**0 points**

• The presentation provides a summary. • The summary reinforces all key points. • The summary discusses any discoveries made or surprises the team encountered during research and preparation for the presentation. • Includes lessons learned.	All criteria are described comprehensively with consideration of alternate perspectives or presentation of supporting data.	All criteria are described concisely but not comprehensively. Some elements of alternate perspectives or presentation of supporting data are present.	3 criteria fully met	2 criteria fully met	Criteria not present
Team Project Evaluation (40 points/16%)	**40 points**	**35 points**	**30 points**	**14 points**	**0 points**
A team project evaluation is provided and includes the following criteria. Each of the following questions and responses must be present on the slides following the summary slide, but before the reference slide(s): • How the team functioned well (e.g., team strengths, team balance, etc.). • Problems the team encountered in interacting as a team (e.g., team weaknesses, outside challenges, technology, etc.). • Specific actions you would recommend to future teams to help them interact, function, and collaborate successfully.	All criteria are described comprehensively with consideration of alternate perspectives or presentation of supporting data.	All criteria are described concisely but not comprehensively. Some elements of alternate perspectives or presentation of supporting data are present.	3 criteria fully met	2 criteria fully met	Criteria not present
Presentation, Scholarly Writing, & APA Format (20 points/8%)	**20 points**	**18 points**	**16 points**	**7 points**	**0 points**
The presentation format, scholarly writing, and APA format must meet the following criteria: • 25-30 PowerPoint slides with speaker notes (excluding title & reference slides) • Submitted to Dropbox/Turnitin by Team leader only • Speaker Notes outline and "script" the presentation for online students.	All criteria are met.	Student provides 6 scholarly references **and at least 7** criteria fully met.	Student provides **6 or fewer** scholarly references **and 6 or more** criteria fully met.	5 criteria fully met	4 or fewer criteria met

• Online students' speaker notes include the name of the student who researched and presented the slide information. • Copyright and plagiarism guidelines correctly applied • Scholarly writing and current APA guidelines are followed as applicable to PowerPoint slides. • Sources cited in APA format in the applicable slides and include the APA formatted reference in the reference list slide(s) - **minimum 6 references to meet criteria**. • Spelling, grammar, and punctuation are correct, even in bullet points and speaker slides (e.g., quotation marks, italics, verb tense, etc.). • Additional criteria provided by course instructor is met.					

Total Points Possible = 240 points