



Required Uniform Assignment: Technology Presentation

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

See Course Schedule in Syllabus. The college's Late Assignment Policy applies to this activity.

TOTAL POINTS POSSIBLE

This assignment is worth a total of 240 points.

Requirements

1. For this team project, students will be assigned by faculty into teams of three to five individuals depending upon class size.
2. 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.
3. The team leader will make all dropbox submissions for the course so that the

- a. TURNITIN similarity index will not pickup inadvertent self-plagiarism from another team member's submission
 - b. Course faculty will have only one submission to review and grade.
4. Use Microsoft PowerPoint 2007, 2010 or higher for systems' compatibility.
- a. Follow the best practices for PowerPoint construction & presentation

Preparing the Presentation

1. Prepare a PowerPoint presentation with speaker notes between 25-30 slides, NOT including the title and reference slides.
 - a. Speaker Notes
 - i. Outline and "script" the presentation for online students.
 - ii. Online students' speaker notes should include the name of the student who researched and presented the slide information.
 - iii. Campus students follow the guidelines of your course instructor.
 - b. Scholarly writing and APA 6th Edition 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 rules apply
2. 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. Introduce the technology & the team
 - i. Title slide should identify the assigned technology and introduce team members
 - ii. Provide an introduction
 1. Describe the technology
 2. Purpose for the technology in healthcare.
 3. Establish the professional tone for the presentation.
 - b. History & Current Use
 - i. Describe significant findings that prompted the development of the technology
 - ii. Discuss the history and current use of the technology in healthcare
 - iii. Describe three goals of this technology's implementation.
 - c. Impact on healthcare and nursing
 - i. Impact on professional nursing practice.
 - ii. Patient safety impact (including statistical justification)
 - iii. Impact on patient care delivery, quality care measures/monitoring, and risk management (privacy, confidentiality, and security) as applicable.
 1. Ethical & legal considerations.
 2. Infrastructure/operational consequences (e.g., budget, costs, etc.)
 3. Impact on a population and/or geographic region
 4. Provide examples & statically significant data to support examples.

- d. Three advantages and disadvantages
 - i. Patient's vantage point or perspective (e.g., patient outcomes, safety, patient/family satisfaction).
 - ii. Nurse's vantage point (improves/hinders job efficiency/safety)
 - iii. Healthcare organization's vantage point (regulatory compliance, financial, etc.)
 - e. Controversy/Issues/Challenges/Regulatory implications
 - i. How might issues surrounding the chosen technology be addressed/solved?
 - ii. Provide statically significant data or evidence to support your findings.
 - f. Summary
 - i. Key points
 - ii. Discoveries/surprises
 - iii. Lessons learned by the team
3. Team Project Evaluation (40 points)
- a. Place & discuss the following questions and responses in the slides(s) following the summary slide and prior to the reference slide(s).
 - i. How did the team function well? (e.g., team strengths, team balance, etc.)
 - ii. What problems did you have interacting as a team? (e.g., team weaknesses, outside challenges, technology, etc.)
 - iii. What specific actions would you recommend to future teams to help them interact, function, and collaborate successfully?

Directions and Assignment Criteria

Assignment Criteria	Pts.	%	Description
Introduce Technology & Team	20	8%	<ul style="list-style-type: none"> <input type="checkbox"/> Title slide should identify the assigned technology and introduce team members <input type="checkbox"/> Provide an introduction <ul style="list-style-type: none"> ○ Describe the technology ○ Purpose for the technology in healthcare. ○ Establish the professional tone for the presentation.
History & Current Use	30	12%	<ul style="list-style-type: none"> <input type="checkbox"/> Describe significant findings that prompted the development of the technology <input type="checkbox"/> Discuss the history and current use of the technology in healthcare <input type="checkbox"/> Describe three goals of this technology's implementation.
Impact on Healthcare & Nursing	40	17%	<ul style="list-style-type: none"> <input type="checkbox"/> Impact on professional nursing practice. <input type="checkbox"/> Patient safety impact (including statistical justification) <input type="checkbox"/> Impact on patient care delivery, quality care measures/monitoring, and risk management (privacy, confidentiality, and security) as applicable. <ul style="list-style-type: none"> ○ Ethical & legal considerations. ○ Infrastructure/operational consequences (e.g., budget, costs, etc.) ○ Impact on a population and/or geographic region ○ Provide examples & statically significant data to support examples.
Three Advantages & Disadvantages	40	17%	<ul style="list-style-type: none"> <input type="checkbox"/> Patient's vantage point or perspective (e.g., patient outcomes, safety, patient/family satisfaction). <input type="checkbox"/> Nurse's vantage point (improves/hinders job efficiency/safety) <input type="checkbox"/> Healthcare organization's vantage point (regulatory compliance, financial, etc.)
Controversy/ Issues/ Challenges/ Regulatory Implications	30	12%	<ul style="list-style-type: none"> <input type="checkbox"/> How might issues surrounding the chosen technology be addressed/solved? <input type="checkbox"/> Provide statically significant data or evidence to support your findings.
Summary	20	8%	<ul style="list-style-type: none"> <input type="checkbox"/> Key points <input type="checkbox"/> Discoveries/surprises <input type="checkbox"/> Lessons learned by the team
Team Project Evaluation	40	17%	<ul style="list-style-type: none"> <input type="checkbox"/> Place & discuss the following questions and responses in the slides(s) following the summary slide and prior to the reference slide(s). <ul style="list-style-type: none"> ○ 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?

<p>Presentation, Scholarly Writing, & APA Format</p>	<p>20</p>	<p>9%</p>	<ul style="list-style-type: none"> □ 25-30 PowerPoint slides with speaker notes (excluding title & reference slides). □ Submitted to Dropbox/Turnitin by Team leader only □ Speaker Notes <ul style="list-style-type: none"> ○ 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.
			<ul style="list-style-type: none"> ○ Campus students follow the guidelines of your course instructor. □ Scholarly writing and APA 6th Edition 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.) □ Copyright and plagiarism rules apply
<p>Total</p>	<p>240 pts.</p>	<p>100 %</p>	

Grading Rubric

Assignment Criteria	Outstanding or Highest Level of Performance A (92–100%)	Very Good or High Level of Performance B (84–91%)	Competent or Satisfactory Level of Performance C (76–83%)	Poor, Failing or Unsatisfactory Level of Performance F (0–75%)
Introduce Technology & Team 20 Points	<p>The following criteria are met and thoroughly explicated:</p> <ul style="list-style-type: none"> *Title slide identifies the assigned technology and introduces team members *Provides an introduction <ul style="list-style-type: none"> *Describes the technology *States purpose(s) for the technology in healthcare. *Establishes the professional tone for the presentation. <p style="text-align: center;">19-20 points</p>	<p>One (or more)of the following criteria are not met or inadequately presented:</p> <ul style="list-style-type: none"> *Title slide identifies the assigned technology and introduces team members *Provides an introduction <ul style="list-style-type: none"> *Describes the technology *States purpose(s) for the technology in healthcare. *Establishes the professional tone for the presentation. <p style="text-align: center;">17-18 points</p>	<p>Two (or more)of the following criteria are not met or inadequately presented:</p> <ul style="list-style-type: none"> *Title slide identifies the assigned technology and introduces team members *Provides an introduction <ul style="list-style-type: none"> *Describes the technology *States purpose(s) for the technology in healthcare. *Establishes the professional tone for the presentation. <p style="text-align: center;">16 points</p>	<p>Three (or more)of the following criteria are not met or inadequately presented:</p> <ul style="list-style-type: none"> *Title slide identifies the assigned technology and introduces team members *Provides an introduction <ul style="list-style-type: none"> *Describes the technology *States purpose(s) for the technology in healthcare. *Establishes the professional tone for the presentation. <p style="text-align: center;">0–15 points</p>

<p>History & Current Use</p> <p>30 Points</p>	<p>The following criteria are met and thoroughly explicated:</p> <ul style="list-style-type: none"> *Describes significant findings that prompted the development of the technology *Discusses the history and current use of the technology in healthcare *Describes three goals of this technology's implementation. <p style="text-align: center;">28-30 points</p>	<p>One (or more)of the following criteria are not met or inadequately presented:</p> <ul style="list-style-type: none"> *Describes significant findings that prompted the development of the technology *Discusses the history and current use of the technology in healthcare *Describes three goals of this technology's implementation. <p style="text-align: center;">26-27 points</p>	<p>Two (or more)of the following criteria are not met or inadequately presented:</p> <ul style="list-style-type: none"> *Describes significant findings that prompted the development of the technology *Discusses the history and current use of the technology in healthcare *Describes three goals of this technology's implementation. <p style="text-align: center;">23- 25 points</p>	<p>Three (or more)of the following criteria are not met or inadequately presented:</p> <ul style="list-style-type: none"> *Describes significant findings that prompted the development of the technology *Discusses the history and current use of the technology in healthcare *Describes three goals of this technology's implementation. <p style="text-align: center;">0-22 points</p>
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<p>Impact on Healthcare & Nursing</p> <p>40 Points</p>	<p>Thoroughly describes & accomplishes each of the following criteria:</p> <ul style="list-style-type: none"> *Impact on professional nursing practice. *Patient safety impact (including statistical justification) *Impact on patient care delivery, quality care measures/monitoring, and risk management (privacy, confidentiality, and security) as applicable. *Ethical & legal considerations. *Infrastructure/operational consequences (e.g., budget, costs, etc.) *Impact on a population and/or geographic region *Provide examples & statically significant data to support examples. <p>37-40 points</p>	<p>Describes/accomplishes each of the following criteria:</p> <ul style="list-style-type: none"> *Impact on professional nursing practice. *Patient safety impact (including statistical justification) *Impact on patient care delivery, quality care measures/monitoring, and risk management (privacy, confidentiality, and security) as applicable. *Ethical & legal considerations. *Infrastructure/operational consequences (e.g., budget, costs, etc.) *Impact on a population and/or geographic region *Provide examples & statically significant data to support examples. <p>34-36 points</p>	<p>Describes/accomplishes each of the following criteria except for one (or more) components:</p> <ul style="list-style-type: none"> *Impact on professional nursing practice. *Patient safety impact (including statistical justification) *Impact on patient care delivery, quality care measures/monitoring, and risk management (privacy, confidentiality, and security) as applicable. *Ethical & legal considerations. *Infrastructure/operational consequences (e.g., budget, costs, etc.) *Impact on a population and/or geographic region *Provide examples & statically significant data to support examples. <p>31-33 points</p>	<p>Describes/accomplishes each of the following criteria except for two (or more) components:</p> <ul style="list-style-type: none"> *Impact on professional nursing practice. *Patient safety impact (including statistical justification) *Impact on patient care delivery, quality care measures/monitoring, and risk management (privacy, confidentiality, and security) as applicable. *Ethical & legal considerations. *Infrastructure/operational consequences (e.g., budget, costs, etc.) *Impact on a population and/or geographic region *Provide examples & statically significant data to support examples. <p>0–30 points</p>
<p>Three Advantages & Disadvantages</p> <p>40 Points</p>	<p>Describes all of the following criteria thoroughly:</p> <ul style="list-style-type: none"> *Patient’s vantage point or perspective (e.g., patient outcomes, safety, patient/family satisfaction). *Nurse’s vantage point (improves/hinders job efficiency/safety) *Healthcare organization’s vantage point (regulatory compliance, financial, etc.) 	<p>Does not adequately describe one of the following criteria thoroughly:</p> <ul style="list-style-type: none"> *Patient’s vantage point or perspective (e.g., patient outcomes, safety, patient/family satisfaction). *Nurse’s vantage point (improves/hinders job efficiency/safety) *Healthcare organization’s vantage point (regulatory compliance, financial, etc.) 	<p>Does not adequately describe two of the following criteria thoroughly:</p> <ul style="list-style-type: none"> *Patient’s vantage point or perspective (e.g., patient outcomes, safety, patient/family satisfaction). *Nurse’s vantage point (improves/hinders job efficiency/safety) *Healthcare organization’s vantage point (regulatory compliance, financial, etc.) 	<p>Does not adequately describe any of the following criteria thoroughly:</p> <ul style="list-style-type: none"> *Patient’s vantage point or perspective (e.g., patient outcomes, safety, patient/family satisfaction). *Nurse’s vantage point (improves/hinders job efficiency/safety) *Healthcare organization’s vantage point (regulatory compliance, financial, etc.)

	37-40 points	34-36 points	31-33 points	0–30 points
<p>Controversy/ Issues/ Challenges/ Regulatory Implications</p> <p>30 Points</p>	<p>Thoroughly describes each of the following elements:</p> <ul style="list-style-type: none"> *How might issues surrounding the chosen technology be addressed/solved? *Provide statically significant data or evidence to support your findings. <p>28-30 points</p>	<p>Adequately describes each of the following elements:</p> <ul style="list-style-type: none"> *How might issues surrounding the chosen technology be addressed/solved? *Provide statically significant data or evidence to support your findings. <p>26-27 points</p>	<p>Does not adequately describe at least one of the following elements:</p> <ul style="list-style-type: none"> *How might issues surrounding the chosen technology be addressed/solved? *Provide statically significant data or evidence to support your findings. <p>23- 25 points</p>	<p>Does not adequately describe at least two of the following elements:</p> <ul style="list-style-type: none"> *How might issues surrounding the chosen technology be addressed/solved? *Provide statically significant data or evidence to support your findings. <p>0-22 points</p>
<p>Summary</p> <p>20 Points</p>	<p>Thoroughly summarizes</p> <ul style="list-style-type: none"> *Key points *Discoveries/surprises *Lessons learned by the team <p>19-20 points</p>	<p>Adequately summarizes</p> <ul style="list-style-type: none"> *Key points *Discoveries/surprises *Lessons learned by the team <p>17-18 points</p>	<p>Does not adequately summarize one of the following:</p> <ul style="list-style-type: none"> *Key points *Discoveries/surprises *Lessons learned by the team <p>16 points</p>	<p>Does not adequately summarize two or more of the following:</p> <ul style="list-style-type: none"> *Key points *Discoveries/surprises *Lessons learned by the team <p>0–15 points</p>

<p>Team Project Evaluation</p> <p>40 Points</p>	<p>Thoroughly Meets the following criteria:</p> <p>*Place & discuss the following questions and responses in the slides(s) following the summary slide and prior to the reference slide(s).</p> <p>*How did the team function well? (e.g., team strengths, team balance, etc.)</p> <p>*What problems did you have interacting as a team? (e.g., team weaknesses, outside challenges, technology, etc.)</p>	<p>Adequately meets the following criteria:</p> <p>*Place & discuss the following questions and responses in the slides(s) following the summary slide and prior to the reference slide(s).</p> <p>*How did the team function well? (e.g., team strengths, team balance, etc.)</p> <p>*What problems did you have interacting as a team? (e.g., team weaknesses, outside challenges, technology, etc.)</p>	<p>Does not adequately meet one or more of the following criteria:</p> <p>*Place & discuss the following questions and responses in the slides(s) following the summary slide and prior to the reference slide(s).</p> <p>*How did the team function well? (e.g., team strengths, team balance, etc.)</p> <p>*What problems did you have interacting as a team? (e.g., team weaknesses, outside challenges, technology, etc.)</p>	<p>Does not adequately meet two or more of the following criteria:</p> <p>*Place & discuss the following questions and responses in the slides(s) following the summary slide and prior to the reference slide(s).</p> <p>*How did the team function well? (e.g., team strengths, team balance, etc.)</p> <p>*What problems did you have interacting as a team? (e.g., team weaknesses, outside challenges, technology, etc.)</p>
	<p>*What specific actions would you recommend to future teams to help them interact, function, and collaborate successfully?</p> <p>37-40 points</p>	<p>*What specific actions would you recommend to future teams to help them interact, function, and collaborate successfully?</p> <p>34-36 points</p>	<p>*What specific actions would you recommend to future teams to help them interact, function, and collaborate successfully?</p> <p>31-33 points</p>	<p>*What specific actions would you recommend to future teams to help them interact, function, and collaborate successfully?</p> <p>0-30 points</p>

<p>Presentation, Scholarly Writing, & APA Format</p> <p>20 Points</p>	<p>Thoroughly accomplishes the following guidelines:</p> <ul style="list-style-type: none"> *25-30 PowerPoint slides *Submitted to Dropbox/Turnitin by Team leader only *Speaker Notes *Scholarly writing and APA guidelines *Citations & references *Spelling, grammar, and punctuation *Copyright and plagiarism rules <p style="text-align: center;">19-20 points</p>	<p>Adequately accomplishes the following guidelines:</p> <ul style="list-style-type: none"> *25-30 PowerPoint slides *Submitted to Dropbox/Turnitin by Team leader only *Speaker Notes *Scholarly writing and APA guidelines *Citations & references *Spelling, grammar, and punctuation *Copyright and plagiarism rules <p style="text-align: center;">17-18 points</p>	<p>Does not adequately accomplish one or more the following guidelines:</p> <ul style="list-style-type: none"> *25-30 PowerPoint slides *Submitted to Dropbox/Turnitin by Team leader only *Speaker Notes *Scholarly writing and APA guidelines *Citations & references *Spelling, grammar, and punctuation *Copyright and plagiarism rules <p style="text-align: center;">16 points</p>	<p>Does not adequately accomplish two or more the following guidelines:</p> <ul style="list-style-type: none"> *25-30 PowerPoint slides *Submitted to Dropbox/Turnitin by Team leader only *Speaker Notes *Scholarly writing and APA guidelines *Citations & references *Spelling, grammar, and punctuation *Copyright and plagiarism rules <p style="text-align: center;">0–15 points</p>
	<p>Total Points Possible = 240 Points</p>			