This course supports the assessment for UBP2. The course covers 4 competencies and represents 1 competency units.

Introduction

Overview
Current and emerging technologies in healthcare provide nurses with the opportunity to improve patient outcomes through ever-increasing access to data and evidence. Decisions made at the point of care and the organizational level are impacted by information support systems. Nurses prepared at the master’s level fill a key role in leading unit and organizational change that incorporates these emerging technologies into the improvement of patient safety and quality of care.

This project consists of evaluating two key roles commonly expected of the master’s-prepared nurse: (1) shaping and guiding a group process as the identified leader of a project team and (2) evaluating the project team’s products and synthesizing that work into a presentation to facility leadership for determination of the proper course of action.

The project outcome will be a presentation, designed to be delivered to the executive leadership team of the healthcare system.

Watch the following video introduction for this course:

Competencies
This course provides guidance to help you demonstrate the following 4 competencies:

- **Competency 741.2.2: Research Questions**  
  The graduate formulates effective research questions that allow for the investigation of clinical problems.

- **Competency 741.2.3: Research Sources**  
  The graduate evaluates the credibility and relevance of sources of information using the research process.

- **Competency 741.2.5: The Research Process**  
  The graduate analyzes the benefits and limitations of various research methodologies.

- **Competency 741.2.8: Implementing Research Findings**  
  The graduate integrates strategies for promoting the implementation of evidence-based practice using translational science.

Nursing Dispositions Statement
Please review the [Statement of Nursing Dispositions](#).

Course Mentor Assistance
As you prepare to successfully demonstrate competency in this subject, remember that course mentors stand ready to help you reach your educational goals. As subject matter experts, mentors enjoy and take pride in helping students become reflective learners, problem solvers,
and critical thinkers. Course mentors are excited to hear from you and eager to work with you.

Successful students report that working with a course mentor is the key to their success. Course mentors are able to share tips on approaches, tools, and skills that can help you apply the content you're studying. They also provide guidance in assessment preparation strategies and troubleshoot areas of deficiency. Even if things don't work out on your first try, course mentors act as a support system to guide you through the revision process. You should expect to work with course mentors for the duration of your coursework, and you are encouraged to contact them as soon as you begin. Course mentors are fully committed to your success!

Preparing for Success

The information in this section is provided to detail the resources available for you to use as you complete this course.

Learning Resources

The learning resources listed in this section are required to complete the activities in this course. For many resources, WGU has provided automatic access through the course. However, you may need to manually enroll in or independently acquire other resources. Read the full instructions provided to ensure that you have access to all of your resources in a timely manner.

Automatically Enrolled Learning Resources

You will be automatically enrolled at the activity level for the following learning resources. Simply click on the links provided in the activities to access the learning materials.

VitalSource E-Texts

The following textbooks are available to you as e-texts within this course. You will be directly linked to the specific readings required within the activities that follow.


Note: This e-text is available to you as part of your program tuition and fees, but you may purchase a hard copy at your own expense through a retailer of your choice. If you choose to do so, please use the ISBN listed to ensure that you receive the correct edition.

Other Learning Resources

You will use the following learning resources for this course.

WGU Library E-Reserves

This course utilizes resources located in the WGU Library E-Reserves, with articles available for you to download. For instructions on how to access WGU Library E-Reserves, see the "Accessing WGU Library E-Reserves" page.
The following e-reserve materials will be used in this course:


**Additional Preparations**

**Nursing Standards**
You will be able to access Nursing Professional Standards as they apply to your program through the WGU Library. Please access these documents at the following website:

- [WGU Library Nursing E-Reserves](#)

**Excellence in Evidence-Based Practice**

Evidence-based practices and principles are the key to a contemporary nursing knowledge. The principles of evidence-based practice, its historical context, and how it contributes to nursing excellence will be explored. The practical aspect for integrating this knowledge is discussed throughout this section. Explore common barriers and how nurses overcome them by adopting evidence-based practice. This directly relates to safety, cost, and patient outcomes. Using this level of research can improve the nurse’s practice.

This project will explore how the candidate can utilize evidence based practice to ensure safety, quality and cost containment.

**Student Project**

Nursing and healthcare is evidence-based, meaning we use evidence to develop or examine care processes (Schmidt & Brown, 2011). Additionally, nursing relies on concise communication and scholarly research and writings to share knowledge (Garrard, 2007). As you prepare for this project you may need to review previous content from the course of study. You will need to provide a logical discussion about a topic of your choice. This project requires you to write a literature review of primary research on a topic of your choice in nursing or healthcare. Your topic should be related to your clinical expertise, your views of nursing processes, or your concerns in healthcare. Your topic should be a problem that is important to nursing practice.

The following concepts are important for development of your project

- Developing a problem statement
- Evaluation of scholarly resources
- Developing an evaluation matrix
- Creating an annotated bibliography

This topic addresses the following competencies:

- **Competency 741.2.2: Research Questions**
  The graduate formulates effective research questions that allow for the investigation of clinical problems.
- **Competency 741.2.3: Research Sources**
The graduate evaluates the credibility and relevance of sources of information using the research process.

- **Competency 741.2.5: The Research Process**
  The graduate analyzes the benefits and limitations of various research methodologies.

- **Competency 741.2.8: Implementing Research Findings**
  The graduate integrates strategies for promoting the implementation of evidence-based practice using translational science.

### Developing a problem statement

A problem statement is an important part of the research process. This statement describes the central issue you wish to explore. How well you develop this the section will persuade the reader to continue on with the paper. This is also the first step in identifying the problem and convincing others that it is a valid and relevant problem.

Re-read the following article:


### Literature review

As you move into the advanced practice role, it is important to develop an understanding of how to create a literature review. Review the following learning resource to explore how to use matrices of research:

- Health Sciences Literature Review Made Easy: The Matrix Method

Additionally, professional nursing practice often requires us to demonstrate EBP skills in career ladders or job applications. Your review of literature should reflect your scholarship and your abilities to support changing or improving practice through evidence. Think of your peers seeing your research as they learn the latest evidence on your topic, or think of those interviewing you for new positions and how they would critique your EBP skills and scholarship.

Review the following websites for information about annotated bibliographies and literature reviews:

- Purdue Online Writing Lab
- UNC Writing Center

### Evaluation of scholarly resources

As you review resources for your project, you will be expected to create a matrix that evaluates the resources and databases you used to support your topic. Please review content on evaluation of resources so you can develop a logical review of the resources, as well as their value to nursing.

Re-read the following chapters in *Evidence-Based Practice for Nurses: Appraisal and Application of Research:*
chapter 10 ("Using Samples to Provide Evidence")
chapter 11 ("Other Sources of Evidence")

You can use the following matrix template to help set up and compile your own matrix:

Advanced Evidence-Based Practice Matrix

Reflection and Summary

As you complete your project it is important to relate what you found to the current state of nursing. This includes best practice recommendations, any gaps in knowledge, and a reflection of the EBP and your role as the nurse leader. As the researcher, you must make sure you have provided a logical discussion on what you found in your research, how it applies to current practice, and any recommendations for the future.

Final Steps

Congratulations on completing the activities in this course! This course has prepared you to complete the assessment associated with this course. If you have not already been directed to complete the assessment, schedule and complete your assessment now.

The WGU Library

The WGU Library
The WGU Library is available online to WGU students 24 hours a day.

For more information about using the WGU Library, view the following videos on The WGU Channel:

Introducing the WGU library

Note: To download this video, right-click the following link and choose "Save as...": download video.

Searching the WGU library

Note: To download this video, right-click the following link and choose "Save as...": download video.

Center for Writing Excellence: The WGU Writing Center

If you need help with any part of the writing or revision process, contact the Center for Writing Excellence (CWE). Whatever your needs—writing anxiety, grammar, general college writing concerns, or even ESL language-related writing issues—the CWE is available to help you. The CWE offers personalized individual sessions and weekly group webinars. For an appointment,
please e-mail writingcenter@wgu.edu.

Feedback

WGU values your input! If you have comments, concerns, or suggestions for improvement of this course, please submit your feedback using the following form:

- Course Feedback

Accessibility Policy

Western Governors University recognizes and fulfills its obligations under the Americans with Disabilities Act of 1990 (ADA), the Rehabilitation Act of 1973 and similar state laws. Western Governors University is committed to provide reasonable accommodation(s) to qualified disabled learners in University programs and activities as is required by applicable law(s). The Office of Student Accessibility Services serves as the principal point of contact for students seeking accommodations and can be contacted at ADASupport@wgu.edu. Further information on WGU’s Accessibility policy and process can be viewed in the student handbook at the following link:

- Policies and Procedures for Students with Disabilities