NURS 5306.01: Translational Research in Nursing
COURSE SYLLABUS: SEMESTER YEAR

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Preferred Form of Communication: E Mail

Communication Response Time: Two Business Days only during business hours (0800-1700)

COURSE INFORMATION

Materials – Textbooks, Readings, Supplementary Readings

Textbook(s) Required

Melnyk, B.M. & Fineout-Overholt, E. (2015). *Evidence-based practice in nursing and healthcare: A guide to best practice* (3rd Ed). Philadelphia: Wolters Kluwer. ISBN: 978-1-4511-9094-6

Required Reading:

Martin, G. (2013). Poster presentations. *The Dissector* 40(4), 15-16.

Sawaya, M. A. (2017). Poster presentations:. A great way to share your evidence-based knowledge. *International Journal of Childbirth Education* 32(2) 44-46.

Optional

American Psychological Association. (2010). *Publication manual of American Psychological Association* (6th ed.). Washington, DC: Author.

Polit, D., & Beck, C. (2017). *Nursing research: Generating and assessing evidence for nursing practice*. Philadelphia: Lippincott. ISBN-13: 978-1496300232 ISBN-10: 1496300238

Course Description (3 semester credit hours)

This course focuses on the logic, methods, and techniques of the research process as they apply to advanced practice nursing. Evidence-based practice, research utilization, and knowledge transformation processes are emphasized. The research-oriented approach is explored from problem formulation to analysis and interpretation in both quantitative and qualitative methodologies. Students will formulate a PICOT question, develop a literature review and conceptual framework within the context of evidence based practice and present the findings.

Student Learning Outcomes

Upon completion of the course, the student will have been given the opportunity to:

1.   Integrate theory, evidence, clinical judgment, research, and interprofessional perspectives using translational processes to improve

practice and associated health outcomes for patient aggregates. (AACN Essential IV)

2. Advocate for the ethical conduct of research and translational scholarship with particular attention to the protection of the patient as a research participant. (AACN Essential IV)

3. Articulate the credibility of sources of information and the relevance to advanced practice. (AACN Essential IV)

4. Perform rigorous critique of evidence derived from databases to generate meaningful evidence for nursing practice (AACN Essential IV)

5. Incorporate core scientific and ethical principles in identifying potential and actual ethical issues arising from practice, including the use of technologies, and in assisting patients and other healthcare providers to address such issues. (AACN Essential IV)

6. Synthesize evidence for practice to determine appropriate application of interventions across diverse populations. (AACN Essential IV)

7. Interpret research, bringing the nursing perspective, for policy makers and stakeholders. (AACN Essential IV)

COURSE REQUIREMENTS

Instructional / Methods / Activities Assessments

Teaching and learning methods will include lecture, presentations, group discussion, use of audiovisuals, on-line course information, handouts, reading and written assignments, and case studies.

Student Responsibilities

Online Etiquette: This class will be conducted entirely online. Please use the following a guide to your online behavior.

- Make a personal commitment to learning about, understanding, and supporting your peers.
- Assume the best of others in the class and expect the best from them.
- Recognize and value the experiences, abilities, and knowledge each person brings to class. Value the diversity of the class.

- Participate actively in the discussions, having completed the readings and thought about the issues.
- Pay close attention to what your classmates write in their online comments. Ask clarifying questions, when appropriate. These questions are meant to probe and shed new light, not to minimize or devalue comments.

- Think through and re-read your comments before you post them.
- Never make derogatory comments toward another person in the class.
- Do not make sexist, racist, homophobic, or victim-blaming comments at all.
- Disagree with ideas, but do not make personal attacks.
- Be open to be challenged or confronted on your ideas or prejudices.
- Challenge others with the intent of facilitating growth. Do not demean or embarrass others.
- Encourage others to develop and share their ideas.
- Be willing to change.

GRADING

Final grades in this course will be based on the following scale:

A = 90%-100%
B = 83%-89%
C = 75%-82%
D = 60%-74%
F = 59% or Below

Evaluation Methods	
Annotated Bibliography	15%
PICOT question	5%
Discussion Points X 4	10%
Abstract/Poster	25%
Lit review/conceptual framework paper	25%
Evidence Table (10 articles)	10%
IRB Tutorial	10%

Assessments

Annotated Bibliography: An annotated bibliography is a list of citations to books, articles, and documents followed by a brief (usually about 150 words) descriptive and evaluative paragraph—the annotation. The purpose of the annotation is to inform the reader of the relevance, accuracy, and a quality of the sources cited. It is not an abstract—a purely descriptive summary often found at the beginning of a scholarly journal article. Students are

required to complete an annotated bibliography citing six (6) separate nursing research articles, three (3) utilizing qualitative research methodology and three (3) using quantitative research methodology.

Discussion Points: There will be four (4) discussion points posted throughout the course. Students are expected to (a) first post an answer to the discussion point citing current literature/research, and (b) respond to at least two (2) other students with substantive comments reflective of the literature or textbook with citations.

Computer Based Tutorial (CBT): All students are required to complete all 9 modules of the computer-based tutorial entitled "Social and Behavioral Responsible Conduct of Research Course" offered at the following site: https://about.citiprogram.org/en/homepage/copy of the certificate of completion is to be submitted as indicated in the course schedule.

Abstract/Poster Presentation: Each student will prepare an abstract, then a poster of the review of the literature using guidance from required readings and course faculty. Posters will be submitted for presentation.

Literature Review/Conceptual framework: Each student will prepare a written paper with a literature review and conceptual framework related to the PICOT question.

TECHNOLOGY REQUIREMENTS

- To fully participate in online courses you will need to use a current Flash enabled browser. For PC users, the suggested browser is Google Chrome or Mozilla Firefox. For Mac users, the most current update of Firefox is suggested.

- You will need regular access to a computer with a broadband Internet connection. The minimum computer requirements are:
    o 512 MB of RAM, 1 GB or more preferred
    o Broadband connection required courses are heavily video intensive
    o Video display capable of high-color 16-bit display 1024 x 768 or higher resolution

- You must have a:
    o Sound card, which is usually integrated into your desktop or laptop computer
    o Speakers or headphones.
    o *For courses utilizing video-conferencing tools and/or an online proctoring solution, a webcam and microphone are required.

- Both versions of Java (32 bit and 64 bit) must be installed and up to date on your machine. At a minimum Java 7, update 51, is required to support the learning management system. The most current version of Java can be downloaded at: JAVA web site http://www.java.com/en/download/manual.jsp

- Current anti-virus software must be installed and kept up to date.

- Run a browser check through the Pearson LearningStudio Technical Requirements website. Browser Check http://help.ecollege.com/LS_Tech_Req_WebHelp/en-us/#LS_Technical_Requirements.htm#Browset

Running the browser check will ensure your internet browser is supported.
> Pop-ups are allowed.
> JavaScript is enabled.
> Cookies are enabled.

- You will need some additional free software (plug-ins) for enhanced web browsing. Ensure that you download the free versions of the following software:
  o Adobe Reader https://get.adobe.com/reader/
  o Adobe Flash Player *(version 17 or later)* https://get.adobe.com/flashplayer/
  o Adobe Shockwave Player   https://get.adobe.com/shockwave/
  o Apple Quick Time   http://www.apple.com/quicktime/download/

- At a minimum, you must have Microsoft Office 2013, 2010, 2007 or Open Office. Microsoft Office is the standard office productivity software utilized by faculty, students, and staff. Microsoft Word is the standard word processing software, Microsoft Excel is the standard spreadsheet software, and Microsoft PowerPoint is the standard presentation software. Copying and pasting, along with attaching/uploading documents for assignment submission, will also be required. If you do not have Microsoft Office, you can check with the bookstore to see if they have any student copies.

- For additional information about system requirements, please see: System Requirements for LearningStudio https://secure.ecollege.com/tamuc/index.learn?action=technical

ACCESS AND NAVIGATION

Pearson LearningStudio (eCollege) Access and Log in Information

This course will be facilitated using Pearson LearningStudio, the learning management system used by Texas A&M University-Commerce. To get started with the course, go to myLeo.   http://www.tamuc.edu/myleo.aspx

You will need your CWID and password to log in to the course. If you do not know your CWID or have forgotten your password, contact Technology Services at 903.468.6000 or helpdesk@tamuc.edu.

It is strongly recommended that you perform a "Browser Test" prior to the start of your course. To launch a browser test, login to Pearson LearningStudio, click on the "My Courses" tab, and then select the "Browser Test" link under Support Services.

Pearson Learning Studio Student Technical Support

Texas A&M University-Commerce provides students technical support in the use of Pearson LearningStudio.

Technical assistance is available 24 hours a day/ 7 days a week.

If at any time you experience technical problems (e.g., you can't log in to the course, you can't see certain material, etc.) please contact the Pearson LearningStudio Help Desk, available 24 hours a day, seven days a week.

The student help desk may be reached by the following means 24 hours a day, seven days a week.

- **Chat Support:** Click on *'Live Support'* on the tool bar within your course to chat with a Pearson Learning Studio Representative.

- **Phone:** 1-866-656-5511 (Toll Free) to speak with Pearson Learning Studio Technical Support Representative.

- **Email:** helpdesk@online.tamuc.org to initiate a support request with Pearson LearningStudio Technical Support Representative.

Accessing Help from within Your Course: Click on the *'Tech Support'* icon on the upper left side of the screen inside the course. You then will be able to get assistance via online chat, email or by phone by calling the Help Desk number noted below.

Note: Personal computer problems do not excuse the requirement to complete all course work in a timely and satisfactory manner. Each student needs to have a backup method to deal with these inevitable problems. These methods might include the availability of a backup PC at home or work, the temporary use of a computer at a friend's home, the local library, office service companies, an Internet cafe, or a bookstore, such as Barnes & Noble, etc.

Policy for Reporting Problems with Pearson LearningStudio

Should students encounter Pearson LearningStudio based problems while submitting assignments/discussions/comments/exams, the following procedure **MUST** be followed:

1. Students must report the problem to the help desk. You may reach the helpdesk at helpdesk@online.tamuc.org or 1-866-656-5511
2. Students **MUST** file their problem with the helpdesk and obtain a helpdesk ticket number
3. Once a helpdesk ticket number is in your possession, students should email me to advise me of the problem and to provide me with the helpdesk ticket number
4. At that time, I will call the helpdesk to confirm your problem and follow up with you

PLEASE NOTE: Your personal computer/access problems are not a legitimate excuse for filing a ticket with the Pearson LearningStudio Help Desk. You are strongly encouraged to check for compatibility of your browser **BEFORE** the course begins and to take the Pearson LearningStudio tutorial offered for students who may require some extra assistance in navigating the Pearson LearningStudio platform. **ONLY** Pearson LearningStudio based problems are legitimate.

Internet Access
An Internet connection is necessary to participate in discussions and assignments, access readings, transfer course work, and receive feedback from your professor. View the requirements as outlined in Technology Requirements above for more information.

myLeo Support
Your myLeo email address is required to send and receive all student correspondence. Please email helpdesk@tamuc.edu or call us at 903-468-6000 with any questions about setting up your myLeo email account. You may also access information at myLeo. https://leo.tamuc.edu

Learner Support
Go to the following link One Stop Shop- created to serve you by attempting to provide as many resources as possible in one location.
http://www.tamuc.edu/admissions/onestopshop/

Go to the following link Academic Success Center- focused on providing academic resources to help you achieve academic success.
http://www.tamuc.edu/campusLife/campusServices/academicSuccessCenter/

FREE MOBILE APPS

The Courses apps for phones have been adapted to support the tasks students can easily complete on a smaller device. Due to the smaller screen size course content is not presented.

The Courses app is free of charge. The mobile Courses Apps are designed and adapted for different devices.

PEARSON COURSES	App Title:	**iPhone –** Pearson LearningStudio Courses for iPhone **Android** – LearningStudio Courses - Phone
	Operating System:	**iPhone** - OS 6 and above **Android** – Jelly Bean, Kitkat, and Lollipop OS
	iPhone App URL:	https://itunes.apple.com/us/app/pearson-learningstudio-courses/id977280011?mt=8
	Android App URL:	https://play.google.com/store/apps/details?id=com.pearson.lsphone

Once downloaded, search for Texas A&M University-Commerce, and it should appear on the list. Then you will need to sign into the myLeo Mobile portal.

The Courses App for Android and iPhone contain the following feature set:

• View titles/code/Instructor of all Courses enrolled in online
• View and respond to all discussions in individual Courses
• View Instructor Announcements in individual Courses
• View Graded items, Grades and comments in individual Courses
• Grade to Date
• View Events (assignments) and Calendar in individual Courses
• View Activity Feed for all courses
• View course filters on activities

- View link to Privacy Policy
- Ability to Sign out
- Send Feedback

COMMUNICATION AND SUPPORT

Communication between faculty and students is important and taken seriously. To that end, faculty are committed to student success in this course. Students are responsible for making appointments and asking questions to clarify any questions or procedures. Preferred communication methods are through individualized faculty office hours, email, or office phone and occur during regular business hours. If a phone call is not answered, please leave a message and send an e-mail using the direct e-mail link on the course home page. You will be treated with collegial respect and you are expected to communicate likewise in a professional manner.

COURSE AND UNIVERSITY PROCEDURES/POLICIES

CLASS
1. Exam dates are listed in each course syllabus, and the student is expected to take the exams as scheduled.
2. As an adult learner and responsible professional, the student is responsible for reading and completing assignments prior to class and for being prepared to participate in discussions over the assigned material. It should not be expected that all material will be covered in class. Students are expected to come to class prepared.
3. Assignments must be handed in on time. Assignments submitted late without prior arrangement with the classroom instructor will receive a zero.

Paper submissions
All documents submitted online are to be in .docx, .rtf or .pdf format. No other formats will be accepted (JPEG, GIF, etc.). Assignments need to be submitted in a maximum of one document per assignment. Failure to follow these guidelines will result in a grade of "0" on the assignment.

Late Submissions
It is expected that students will submit all assignments on time. If an extension is needed, it should be requested <u>before</u> the due date and may or may not be approved at the discretion of the course coordinator. Unexcused late assignments will be penalized 10% per day for each of the first two days

overdue; on the 3rd day, the grade will be assigned as 0%. Communication on these matters is the student's responsibility.

Syllabus Change Policy

The syllabus is a guide. Circumstances and events, such as student progress, may make it necessary for the instructor to modify the syllabus during the semester. Any changes made to the syllabus will be announced in advance.

University Specific Procedures

Student Conduct

All students enrolled at the University shall follow the tenets of common decency and acceptable behavior conducive to a positive learning environment. (See current Student Guidebook*).*

Students should also consult the Rules of Netiquette for more information regarding how to interact with students in an online forum: Netiquette http://www.albion.com/netiquette/corerules.html

ADA Statement

Students with Disabilities

The Americans with Disabilities Act (ADA) is a federal anti-discrimination statute that provides comprehensive civil rights protection for persons with disabilities. Among other things, this legislation requires that all students with disabilities be guaranteed a learning environment that provides for reasonable accommodation of their disabilities. If you have a disability requiring an accommodation, please contact:

Office of Student Disability Resources and Services
Texas A&M University-Commerce
Gee Library- Room 132
Phone (903) 886-5150 or (903) 886-5835
Fax (903) 468-8148
Email: Rebecca.Tuerk@tamuc.edu

Website: Office of Student Disability Resources and Services
http://www.tamuc.edu/campusLife/campusServices/studentDisabilityResourcesAndServices/

Nondiscrimination Notice

Texas A&M University-Commerce will comply in the classroom, and in online courses, with all federal and state laws prohibiting discrimination and related retaliation on the basis of race, color, religion, sex, national origin, disability, age, genetic information or veteran status. Further, an environment free from discrimination on the basis of sexual orientation, gender identity, or gender expression will be maintained.

COURSE OUTLINE / CALENDAR

Week	Content	Readings
1 1/16/18	Intro to course, syllabus, APA review, Professionalism	Dr. Mahoney
2 1/22/18	Nursing research, evidence-based practice and PICOT question	Melnyk: Chap 1&2 Dr. McKenzie **Discussion point #1 due 5 PM 1/26/18**
3 1/29/18	Finding relevant evidence, critical appraisal of knowledge for clinical decision making	Melnyk: Chap 3&4 Dr. Tenhunen **Annonated bib X 2 due 5 PM 2/2/18**
4 2/5/18	Critical appraisal of qualitative and quantitative research, theoretical frameworks	Melnyk: Chap 5&6 Dr. Tenhunen **Annonated bib X 2 due 5 PM 2/9/18**
5 2/12/18	Integration of patient preferences, clinician expertise, advancing care with EBP	Melnyk: Chap 7&8 Dr. McKenzie **Discussion Point #2 due 5PM 2/16/18**
6 2/19/18	Implementing evidence, Role of outcomes	Melnyk: Chap 9&10 Dr. Mahoney **Annonated bib X 2 due 5 PM 2/23/18**
7 2/26/18	Ethics for evidence implementation and evidence generation.	Melnyk: Chap 22 Dr. Mahoney
8 3/5/18	Leadership strategies to support EBP culture	Melnyk: Chap 11 Dr. Mahoney **Abstract due 5 PM 3/9/18**
	SPRING BREAK	
9 3/19/18	Advancing best practice, models to guide implementation.	Melnyk: Chap 12&13 Dr. Mahoney **Poster due 5 PM**

		3/23/18
10 3/26/18	Creating vision, motivating change Sustaining EBP Poster due	Melnyk: Chap 14&17 Dr. Mahoney **Discussion point #3 due 5PM 3/30/18**
11 4/3/18 or 4/5/18	Research Symposium on Campus	
12 4/9/18	Generating evidence through quantitative research	Melnyk: Chap: 19 Dr. Mahoney
13 4/16/18	Generating evidence through qualitative research	Melnyk: Chap 20 Dr. McKenzie **Discussion Point #4 due 5PM 4/20/18**
14 4/23/18	Disseminating evidence Evidence table due	Melnyk: Chap 18 Dr. Mahoney **Evidence table due 5PM 4/27/18**
15 4/30/18	Writing a successful grant proposal	Melnyk: chap 21 Dr. Mahoney **CBT certificate due 5 PM 5/4/18**
16 5/7/18	Wrap-up and Evaluations	