The University of Texas at
TYLER
School of Nursing

Spring 2021

NURS 6303.060 Healthcare Informatics
Your Faculty

Instructor's Name:	Cheryl D. Parker, PhD, MSN, RN-BC, CNE
Office Address:	
Telephone:	
Preferred Email:	**cparker@uttyler.edu***
Office Hours:	See Canvas calendar for virtual office hours—one-on-one hours by appointment

*preferred method of contact

Course Description

In-depth exploration of data management systems and skills needed to manage patient, systems and research information is the focal point of this course. Students will use external evidence (research) and internal evidence (practice data) within healthcare databases and clinical information systems to determine best practices for achieving optimal patient outcomes. The influence of clinical information systems and internal evidence, such as costs/budgets, and the selection, design, and planning of these systems that will effectively support meaningful use and provide data to improve patient care outcomes is discussed.

Course Learning Objectives

Upon successful completion of this course, the student will be able to:
1. Examine traditional use of research and practice data to achieve optimal outcomes within healthcare delivery systems.
2. Examine salient issues related to the appraisal of research and practice data for use in healthcare decision-making.
3. Analyze the impact of information technology on the use of research and practice data to address policy, quality and safety outcomes in healthcare.
4. Appraise a body of evidence to recommend best practices to shape health practice policy and practice.
5. Examine ethical issues involved in the use of research and practice data to make healthcare decisions.

DNP Project with Faculty Mentor: Chapter 3: Project Design and Methodology – focus on data collection plan including measuring outcomes & data analysis

Grading Policy and Criteria

Specific guidelines and grading criteria for all assignments are in the Modules. Final grades for the course will be determined based upon the following point assignments:
A - 90-100
B - 80-89
C - 70-79
D - 60-69
F - Below 60
Grades will not be rounded when calculating the average (79.5 is not rounded to 80 and 89.5 is not rounded to 90). Students are required to achieve an average of 80% (B) to successfully complete the course.
Late policy: 5% will be deducted each day an assignment is past due unless prior arrangements have been made with your course faculty. Extenuating circumstances may apply.

Repeating a Course
Students repeating this course may not use previously submitted assignments nor utilize the same patients for an assignment. Submitting the same or slightly modified assignments from previous semesters is considered self-plagiarism and is subject to academic discipline, including failing the assignment or the course.

Criteria for Evaluation:	Percentage of Grade:
Participation	10%
Discussions	20%
Data Analysis Assignments	20%
Application Assignments	30%
Webinars	20%
Total	100**%**

Important Course Dates:

Note: The complete course schedule is available in the Course Canvas site.

- Census Date: January 10, 2022
- Mid-Term Exam: none
- Last Date to Withdraw: March 21, 2022
- Final Exam Date: none

Attendance and Make-up Policy

Attendance / participation is expected. Make-up for exams, quizzes, assignments, clinical time missed is at the discretion of the instructor.

Required Textbooks/Materials

None

Optional

American Psychological Association. (2020). Publication manual of the American Psychological Association (7th ed.). Washington, D.C.: Author. ISBN-13: 9781433832161

School of Nursing Policies and Additional Information

https://www.uttyler.edu/nursing/college/student_guide_and_policies.php