



The University of Texas at Tyler  
Doctor of Nursing Practice Program

## Course Syllabus

**COURSE NUMBER:** NURS 6303

**COURSE TITLE:** Healthcare Informatics

**Course Credit and Clock Hours:** 3 credit hours (3 clock hours per week)

**Class Time:** Internet class with no scheduled class meetings. Course is conducted in Canvas Learning Management System.

### COURSE FACULTY

**Instructor's Name:** Cheryl D. Parker, PhD, RN-BC, CNE, FHIMSS

**Office Address:** OR163

**Telephone:** (903) 565-5511 or cell (214) 766-1326

**Preferred Email:** cparker@uttyler.edu

**Office Hours:** online and by appointment

### 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 COMPETENCIES

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.
6. Examine ethical issues involved in the use of research and practice data to make healthcare decisions.

**EPIP: Verified outcome measurement and appropriate analysis plan**

**Chapter 3: Project Design and Methodology – focus on data collection, measuring outcomes & data analysis**

## **GRADING POLICY**

Grades will be based upon the following:

|  |      |
|--|------|
| EPIP Chapters 1-3 Review: Verify outcome measurement and appropriate analysis plan | 25%  |
| Application Exercises  | 40%  |
| Discussion board and class participation   | 15%  |
| Ethics of Data Usage - Informatics paper   | 20%  |
| Total  | 100% |

The weighted average of the graded assignments must be 80% or above to pass the course. All assignments should be submitted prior to the pre-determined due date, unless prior arrangements have been made with the course faculty and a new due date determined. If an assignment is submitted after the due date and no prior arrangements with the course faculty were made, five points will be deducted each day the assignment is past due.

## **GRADING SCALE**

Final grades for the course will be determined based upon the following numerical grade scale:

A - 90-100

B - 80-89

C - 70-79

D - 60-69

F - Below 60

**Census date: January 29, 2018**

**Last day to withdraw with no penalty: April 2, 2018**

**Course Schedule: (See course calendar)**

### **REQUIRED TEXTBOOK(S)**

Clinical Analytics and Data Management for the DNP, First Edition Martha L. Sylvia & Mary F. Terhaar. Springer Publishing Company. ISBN-13: 978-0826142771

### **UT Tyler Course Policies**

The following course policies may be found at the website listed below: absence for religious observance, absence for university-supported trips, services to students with disabilities, grade replacement, state-mandated course drop policy, and Social Security and privacy

<http://www.uttyler.edu/academicaffairs/syllabuspolicies.pdf>

## **University Policies and Additional Information**

The following course policies may be found at the website listed below: absence for religious observance, absence for university-supported trips, services to students with disabilities, grade replacement, state-mandated course drop policy, and Social Security and privacy.

<http://www.uttyler.edu/academicaffairs/files/syllabuspolicy.pdf>

### **UT Tyler Honor Code**

Every member of the UT Tyler community joins together to embrace: Honor and integrity that will not allow me to lie, cheat, or steal, nor to accept the actions of those who do.

### **Students Rights and Responsibilities**

To know and understand the policies that affect your rights and responsibilities as a student at UT Tyler, please follow this link:

<http://www.uttyler.edu/wellness/rightsresponsibilities.php>

## **Campus Carry**

We respect the right and privacy of students 21 and over who are duly licensed to carry concealed weapons in this class. License holders are expected to behave responsibly and keep a handgun secure and concealed. More information is available at

<http://www.uttyler.edu/about/campus-carry/index.php>

## **UT Tyler a Tobacco-Free University**

All forms of tobacco will not be permitted on the UT Tyler main campus, branch campuses, and any property owned by UT Tyler. This applies to all members of the University community, including students, faculty, staff, University affiliates, contractors, and visitors.

Forms of tobacco not permitted include cigarettes, cigars, pipes, water pipes (hookah), bidis, kreteks, electronic cigarettes, smokeless tobacco, snuff, chewing tobacco, and all other tobacco products.

There are several cessation programs available to students looking to quit smoking, including counseling, quitlines, and group support. For more information on cessation programs please visit [www.uttyler.edu/tobacco-free](http://www.uttyler.edu/tobacco-free).

## **Grade Replacement/Forgiveness and Census Date Policies**

Students repeating a course for grade forgiveness (grade replacement) must file a Grade Replacement Contract with the Enrollment Services Center (ADM 230) on or before the Census Date of the semester in which the course will be repeated. (For Spring 2018, the Census Date is Monday, January 29, 2018.) Grade Replacement Contracts are available in the Enrollment Services Center or at <http://www.uttyler.edu/registrar>. Each semester's Census Date can be found on the Contract itself, on the Academic Calendar, or in the information pamphlets published each semester by the Office of the Registrar.

Failure to file a Grade Replacement Contract will result in both the original and repeated grade being used to calculate your overall grade point average. Undergraduates are eligible to exercise grade replacement for only three course repeats during their career at UT Tyler; graduates are eligible for two grade replacements. Full policy details are printed on each Grade Replacement Contract.

The Census Date (January 29, 2018) is the deadline for many forms and enrollment actions of which students need to be aware. These include:

- Submitting Grade Replacement Contracts, Transient Forms, requests to withhold directory information, approvals for taking courses as Audit, Pass/Fail or Credit/No Credit.
- Receiving 100% refunds for partial withdrawals. (There is no refund for these after the Census Date).
- Schedule adjustments (section changes, adding a new class, dropping without a “W” grade)
- Being reinstated or re-enrolled in classes after being dropped for non-payment.
- Completing the process for tuition exemptions or waivers through Financial Aid.

### **State-Mandated Course Drop Policy**

Texas law prohibits a student who began college for the first time in Fall 2007 or thereafter from dropping more than six courses during their entire undergraduate career. This includes courses dropped at another 2-year or 4-year Texas public college or university. For purposes of this rule, a dropped course is any course that is dropped after the census date (See Academic Calendar for the specific date).

Exceptions to the 6-drop rule may be found in the catalog. Petitions for exemptions must be submitted to the Enrollment Services Center and must be accompanied by documentation of the extenuating circumstance. Please contact the Enrollment Services Center if you have any questions.

**Disability/Accessibility Services:** In accordance with Section 504 of the Rehabilitation Act, Americans with Disabilities Act (ADA) and the ADA Amendments Act (ADAAA) the University of Tyler at Texas offers accommodations to students with learning, physical and/or psychological disabilities. If you have a disability, including non-visible a diagnosis such as a learning disorder, chronic illness, TBI, PTSD, ADHD, or you have a history of modifications or accommodations in a previous educational environment, you are encouraged to visit <https://hood.accessiblelearning.com/UTTyler> and fill out the New Student application. The **Student Accessibility and Resources (SAR)** office will contact you when your application has been submitted and an appointment with Cynthia Lowery, Assistant Director Student Services/ADA Coordinator. For more information, including filling out an application for services, please visit the SAR webpage at <http://www.uttyler.edu/disabilityservices>, the SAR office located in the University Center, # 3150 or call 903.566.7079.

### **Student Absence due to Religious Observance**

Students who anticipate being absent from class due to a religious observance are requested to inform the instructor of such absences by the second class meeting of the semester.

## **Student Absence for University-Sponsored Events and Activities**

If you intend to be absent for a university-sponsored event or activity, you (or the event sponsor) must notify the instructor at least two weeks prior to the date of the planned absence. At that time the instructor will set a date and time when make-up assignments will be completed.

## **Social Security and FERPA Statement**

It is the policy of The University of Texas at Tyler to protect the confidential nature of social security numbers. The University has changed its computer programming so that all students have an identification number. The electronic transmission of grades (e.g., via e-mail) risks violation of the Family Educational Rights and Privacy Act; grades will not be transmitted electronically.

## **Emergency Exits and Evacuation**

Everyone is required to exit the building when a fire alarm goes off. Follow your instructor's directions regarding the appropriate exit. If you require assistance during an evacuation, inform your instructor in the first week of class. Do not re-enter the building unless given permission by University Police, Fire department, or Fire Prevention Services.

## **Student Standards of Academic Conduct**

Disciplinary proceedings may be initiated against any student who engages in scholastic dishonesty, including, but not limited to, cheating, plagiarism, collusion, the submission for credit of any work or materials that are attributable in whole or in part to another person, taking an examination for another person, any act designed to give unfair advantage to a student or the attempt to commit such acts.

- i. "Cheating" includes, but is not limited to:
  - copying from another student's test paper;
  - using, during a test, materials not authorized by the person giving the test;
  - failure to comply with instructions given by the person administering the test;
  - possession during a test of materials which are not authorized by the person giving the test, such as class notes or specifically designed "crib notes". The presence of textbooks constitutes a violation if they have been specifically prohibited by the person administering the test;

[Symbol] using, buying, stealing, transporting, or soliciting in whole or part the contents of an unadministered test, test key, homework solution, or computer program;

[Symbol] collaborating with or seeking aid from another student during a test or other assignment without authority;

[Symbol] discussing the contents of an examination with another student who will take the examination;

[Symbol] divulging the contents of an examination, for the purpose of preserving questions for use by another, when the instructor has designated that the examination is not to be removed from the examination room or not to be returned or to be kept by the student;

[Symbol] substituting for another person, or permitting another person to substitute for oneself to take a course, a test, or any course-related assignment;

[Symbol] paying or offering money or other valuable thing to, or coercing another person to obtain an unadministered test, test key, homework solution, or computer program or information about an unadministered test, test key, home solution or computer program;

[Symbol] falsifying research data, laboratory reports, and/or other academic work offered for credit;

[Symbol] taking, keeping, misplacing, or damaging the property of The University of Texas at Tyler, or of another, if the student knows or reasonably should know that an unfair academic advantage would be gained by such conduct; and

[Symbol] misrepresenting facts, including providing false grades or resumes, for the purpose of obtaining an academic or financial benefit or injuring another student academically or financially

- ii. "Plagiarism" includes, but is not limited to, the appropriation, buying, receiving as a gift, or obtaining by any means another's work and the submission of it as one's own academic work offered for credit.
- iii. "Collusion" includes, but is not limited to, the unauthorized collaboration with another person in preparing academic assignments offered for credit or collaboration with another person to commit a violation of any section of the rules on scholastic dishonesty.
- iv. All written work that is submitted will be subject to review by plagiarism software.

## **UT Tyler Resources for Students**

[Symbol] [UT Tyler Writing Center \(903.565.5995\), writingcenter@uttyler.edu](mailto:writingcenter@uttyler.edu)

[Symbol] [UT Tyler Tutoring Center \(903.565.5964\), tutoring@uttyler.edu](mailto:tutoring@uttyler.edu)

[Symbol] [The Mathematics Learning Center, RBN 4021, this is the open access computer lab for math students, with tutors on duty to assist students who are enrolled in early-career courses.](#)

[Symbol] [UT Tyler Counseling Center \(903.566.7254\)](tel:903.566.7254)

[Symbol] [UT Tyler Muntz Library \(903 566-7343\), Library Liaison for Nursing, Suzanne Abbey](tel:903.566.7343)

(903.566.7165) email: [sabbey@uttyler.edu](mailto:sabbey@uttyler.edu)