



NURS 5366 Principles of Research in Nursing Course Description:

Integration of theoretical and empirical principles of nursing research to generate evidence for nursing practice.

Pre and Co-requisite Courses:

Graduate standing.

Sections:

NURS 5366-400

Instructors:

Denise Cauble, PhD, RN, CWOCN Clinical Assistant Professor dcauble@uta.edu
http://www.uta.edu/profiles/denise-cauble
Office hours by appointment.

Preferred Methods for Reaching Instructor: Email

Maximum Timeframe for Responding to Student Communication:

Response to student emails can generally be expected within 24 hours with a 48 hour maximum time frame.

Response to student assignments may be expected in 72 hours.

Virtual Office Hours:

The purpose of virtual office hours is to address those unique instructional challenges or questions that require a response that cannot be answered via email, an announcement, or the question and answer forum provided within each group.

General faculty online office hour will be Thursday 0800 to 1000 via Instant Messenger .Other hours available by appointment.

Please email your coach to schedule an individual or small group, virtual work session during office hours or at a separate time if necessary. In your email, include the purpose of the meeting, what you hope to learn as a result of this meeting, and who will be participating.

Academic Coach(es):

Each student will be assigned a coach for the duration of the course. An introductory email will be sent by your coach at the beginning of the course with specific instructions and contact information. Notify your faculty is you do not receive a communication by the first day of the course.

Credit Hours:

3 hours

Clinical Faculty: NONE

Clinical Hours: NONE

Textbooks (Including Titles, Authors, Edition and Publisher) or Equipment -

REQUIRED:

American Psychological Association. (2009). *Publication Manual of the American Psychological Association* (6th ed.). Washington, DC: APA. **ISBN: 9781433805615**

Grove, S., Burns, N., & Gray, J. (2013). The practice of nursing research: Appraisal, synthesis, and generation of evidence (7th ed.). St. Louis, MO: Elsevier. **ISBN 978-1455707362**

As this course is offered in an online format, each student must have a computer with a dependable high speed internet connection. The computer should meet UTA's hardware recommendations: http://www.uta.edu/oit/cs/hardware/student-laptop-recommend.php and Blackboard's browser requirements: http://www.uta.edu/blackboard/browsertest/browsertest.php

This course requires the use of word processing software that is compatible with Microsoft Office formats. Students may purchase this software (in person or by mail) at a significant discount from the UTA bookstore http://www.uta.edu/bookstore (scroll to the bottom of the webpage). Students are required to have a webcam to test online. Testing will be done online using Respondus browser and monitor (which students must download from a link within Blackboard and install on their computer). The instructor will determine what option is offered to students who are unsuccessful in completing a test online. Students may be required to complete an alternate version of the test using ProctorU for which students must pay a fee.

Attendance Policy:

At The University of Texas at Arlington, taking attendance is not required. Rather, each faculty member is free to develop his or her own methods of evaluating students' academic performance, which includes establishing course-specific policies on attendance. Regular attendance in this online course is required.

Course Expectations:

This course is presented completely online and is administered at an accelerated pace. The course builds upon your undergraduate education and will cover a significant amount of content over a short period of time. It is designed to facilitate and guide your learning. As such, minimal written lecture content is provided. You will be required to read the text books and synthesize the information to complete all of the course assignments. As a graduate

student, you are considered to be an independent learner and, if needed, you are expected to identify additional resources to help you understand the concepts in the course.

Supplemental videos have been provided over select concepts for your review. You will be required to spend an average of 15 hours per week to complete all of the required readings and assignments. The majority of the concepts presented in the course are not new but the time you spend weekly will depend upon multiple variables.

Course Topics / Lesson Titles:

Module	Module Topics / Titles	Lesson Topics / Lesson Titles
1	Quantitative Research, Part 1	Overview Research Process
		Research Problem & Purpose
		Research Objectives, Questions,
		& Hypotheses
2	Quantitative Research, Part 2	 Literature Review
		Study Variables
		Quantitative Research Designs
3	Critical Appraisal of Nursing	 Framework for Research
	Studies	Appraisal of Nursing Research
		Statistics: Hypothesis Testing
4	Using Statistics to Examine Data	 Descriptive Statistics
		Inferential Statistics
5	Measurement in Nursing Studies,	 Measurement: Reliability and
	Part 1	Validity
		2. Measurement: Observational
		Measurement, Questionnaires, &
		Scales
6	Measurement in Nursing Studies,	 Measurement: Physiological
	Part 2	Measures
7	Sampling and Data Collection	1. Sampling
		Data Collection
8	Ethics and Qualitative Research	Ethics in Research
		Introduction to Qualitative
		Research

Course Outcomes and Performance Measurement:

Course Objective(s)	Modules	Assessment
Discuss the research process.	 Module 1 Lesson 1: Discuss the role of research in advanced practice. Order the steps of the research process. Module 2 Lesson 2: Differentiate between 	Discussion forums Worksheet Research Appraisals Exams

Occurs Objective(s)	Madalas	
Course Objective(s)	Modules	Assessment
	independent and dependent	
	variables.	
	Provide rationales for controlling overseases.	
	controlling extraneous variables.	
	Compare and contrast	
	conceptual and operational	
	definitions.	
	Module 2 Lesson 3:	
	 Compare and contrast 	
	quantitative research	
	designs.	
	Module 3 Lesson 1:	
	 Identify the framework in a research study. 	
	Evaluate the fit of a	
	framework in a selected	
	study.	
	Module 7 Lesson 1:	
	Differentiate between a	
	sample and population.	
	Generate inclusion and	
	exclusion criteria for a	
	proposed research study.	
	 Identify strategies to reduce participant attrition. 	
	 Differentiate between 	
	random sampling and	
	random allocation to groups.	
	Module 7 Lesson 2:	
	Create a plan for data	
	collection.	
	Module 8 Lesson 2:	
	Compare and contrast Compare and contrast	
	qualitative and	
	quantitative research methods.	
	Describe the purpose of	
	qualitative research.	
Integrate theories and	Module 1 Lesson 2:	Discussion forums
existing research	Develop a research problem	Exam 1
evidence to formulate a	from a clinical problem	
research question.	in area of interest.	
	Evaluate selected literature	

Course Objective(s)	Modules	Assessment
	to identify gap in knowledge on clinical problem of interest. Module 1 Lesson 3: Distinguish between research questions and hypotheses. Identify and evaluate research objectives within a research report. Formulate a research question.	
Evaluate clinical and research literature to identify gaps in knowledge.	 Module 2 Lesson 1: Describe components of a literature review. Analyze relevant literature to find a gap in knowledge for research topic of interest. 	Discussion forums Exams
Articulate clinical and research evidence related to identified clinical problems.	Module 3 Lesson 2: Appraise a published research report using established guidelines.	Research Appraisals
Develop a plan for data analysis.	 Module 3 Lesson 3: Describe the purpose of hypothesis testing. Compare and contrast Type I and II errors. Describe the difference between statistical and clinical significance. Module 4 Lesson 1: Select descriptive statistics to describe study participants. Determine appropriate levels of measurement for demographic variables. Module 4 Lesson 2: Differentiate between descriptive and inferential statistics. Determine which statistics are appropriate to answer selected research 	Worksheets Exams Research Appraisals

Course Objective(s)	Modules	Assessment
	questions.	
Evaluate measurement methods used in nursing research.	 Module 5 Lesson 1: Develop strategies to strengthen reliability of measurements. Define validity. Identify means to evaluate the validity of psychometric instruments. Assess the validity and reliability of selected instruments. Module 5 Lesson 2: Compare and contrast measurement tools for selected concepts. Module 6 Lesson 1: Describe strategies to ensure the accuracy of physiologic measures. Assess precision of physiological measures in selected studies. 	Discussion forums Exams Research appraisals
Demonstrate ethical principles in planning research.	 Module 8 Lesson 1: Identify strategies to protect human subjects in biomedical and behavioral research. Describe steps researchers use to maintain privacy of subjects. 	Worksheet

Course Schedule and Due Dates (Central Time):

Course or Module Activity	Due Date
Module One (All Courses)	
Attestation Statement	Monday 23:59
Student Introduce Yourself (in Lesson	
1)	
Discussion (in Lesson 3)	Wednesday 23:59 – post discussion thread
	Saturday 23:59 – post replies to 2 colleagues
Module Two	

Course or Module Activity	Due Date
Discussion (in Lesson 1)	Wednesday 23:59 – post discussion thread
	Saturday 23:59 – post replies to 2 colleagues
Assignment:	Saturday 23:59
Lesson 2: Worksheet	
Quiz in Lesson 3	Thursday 8am to Saturday 2359
Module Three	
Discussion (in Lesson 1)	Wednesday 23:59 – post discussion thread
Maior Assissans	Saturday 23:59 – post replies to 2 colleagues
Major Assignment Lesson 2: Research Appraisal I	Saturday 23:59
Assignment:	Saturday 2359
Lesson 3: Worksheet	
Module Four	
Assignments:	Saturday 23:59
Lesson 1: Descriptive Statistics	
Worksheet	
Lesson 2: Inferential Statistics	
Worksheet	
EXAM #1	Thursday 8am to Saturday 2359
Module Five	
Discussion (in Lesson 1)	Wednesday 23:59 – post discussion thread
	Saturday 23:59 – post replies to 2 colleagues
Module Six	
Discussion (in Lesson 1)	Wednesday 23:59 – post discussion thread
Major Assirument	Saturday 23:59 – post replies to 2 colleagues
Major Assignment Lesson 2: Research Appraisal II	Saturday 23:59
Module Seven	
	Madagaday 22,50 most discussion through
Discussion (in Lesson 2)	Wednesday 23:59 – post discussion thread Saturday 23:59 – post replies to 2 colleagues
EXAM #2	Thursday 8am to Saturday 2359
Module Eight	Thatbady bailt to batarady 2000
Discussion (in Lesson 2)	Wednesday 23:59 – post discussion thread
2.000001011 (111 E000011 Z)	Saturday 23:59 – post discussion timead Saturday 23:59 – post replies to 2 colleagues
Assignment:	Saturday 23:59
Worksheet: Ethics	,
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Assignments and Assessments:

Required Components for Course Credit	Weight / Percentage Value Within the Course
Discussion forums	10%
Worksheets	9%
Quiz	1%
EXAM 1	20%
EXAM 2	20%

Required Components for Course Credit	Weight / Percentage Value Within the Course
Research Appraisal Part 1	20%
Research Appraisal Part 2	20%

Grading and Evaluation Policy:

Students are expected to keep track of their performance throughout the semester and seek guidance from available sources (including the instructor) if their performance drops below satisfactory levels.

Course Grading Scale

A = 90-100

B = 80-89.99

C = 70-79.99

GPA of 3.0: Graduate students must maintain a GPA of 3.0. Academic resources include:

- your course professor
- UTA Student Success Coordinators
- Your advisor

Additional grading information:

- There are no options for extra credit in this course
- For assignments that are submitted to a drop box (worksheets and papers), the paper that is submitted to the drop box is the paper that will be graded. Be sure to upload the correct version of your paper.
- Work may not be re-submitted for re-grading.
- Acceptance of a late assignment is at the discretion of the instructor and requires prior approval of the instructor and documentation of medical and/or family emergencies. Work is considered late if it is received after the scheduled due date and time.
- Worksheets will not be accepted for credit after the due date/time.
- Discussion forums will not be graded/credited after the end of each week (Saturday at 2359 CST)
- No late work will be accepted in the last week of the course.
- Because Exams in the course will take approximately 60 minutes to complete, students must begin their Exam no later than 2300 CST on the due date in order to complete the exam before it closes and becomes unavailable.
- Grades of incomplete are NOT automatically given when there are missing assignments at the end of the course. A student must discuss with the faculty of record for the course the reasons that an incomplete grade is being requested. This discussion must occur as soon as the student recognizes that a problem exists. Faculty members are not obligated to grant an incomplete grade. With no prior discussion of the need for an incomplete, students not completing the required activities will receive the grade for the course based on the percentage of the required material submitted.

Safe Assign: Safe assign is an electronic system which helps to identify plagiarized assignments. All student assignments are subject to being submitted to safe assign at any time to evaluate for plagiarism. Discussion board posts may randomly be submitted to safe assign or may be submitted if plagiarism is suspected.

Blackboard Required:

Only assignments submitted through Blackboard will be reviewed and accepted for a grade, regardless of the reason. Assignments that are submitted through email will not be reviewed for feedback nor graded. They will be assigned a grade of zero. No exceptions will be made.

Technical Problems:

Because technology is vulnerable to experiencing difficulties you should not wait until the last minute to submit an assignment, complete a quiz, or test. If you experience technical difficulties contact Blackboard Support to help resolve the issue. They are open 24 hours a day. Contact the faculty, not your coach, if you have a technical issue with the guizzes or Exams.

Late Assignments / Assessments:

Late assignments will only be accepted for a grade or reviewed for feedback (regardless of the reason) at the discretion of the faculty. Work is considered late if it is received after the scheduled due date and time. A minimum of 5 points per day will be deducted for work that is submitted late if accepted for grading. Graded late work is not guaranteed to be returned at the same time on-time assignments are returned. No credit will be given for late worksheets.

Quizzes and tests must be started, completed, and submitted prior to the submission due date and time. Any quiz or test submitted after the due date and time will not be accepted. Make-up exams are not provided given the extended period for which exams are open.

Academic Integrity:

All students enrolled in this course are expected to adhere to the UT Arlington Honor Code: *I pledge, on my honor, to uphold UT Arlington's tradition of academic integrity, a tradition that values hard work and honest effort in the pursuit of academic excellence.*

I promise that I will submit only work that I personally create or contribute to group collaborations, and I will appropriately reference any work from other sources. I will follow the highest standards of integrity and uphold the spirit of the Honor Code.

UT Arlington faculty members may employ the Honor Code as they see fit in their courses, including (but not limited to) having students acknowledge the honor code as part of an examination or requiring students to incorporate the honor code into any work submitted. Per UT System Regents' Rule 50101, §2.2, suspected violations of university standards for academic integrity (including the Honor Code) will be referred to the Office of Student Conduct. Violators will be disciplined in accordance with the University policy, which may result in the student's suspension or expulsion from the University.

"Scholastic dishonesty includes but is 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."

As a licensed registered nurse, graduate students are expected to demonstrate professional conduct as set forth in the Texas Board of Nursing rule §215.8. in the event that a graduate student holding an RN license is found to have engaged in academic dishonesty, the

college may report the nurse to the Texas Board of Nursing (BON using rule §215.8 as a guide.

Plagiarism:

Plagiarism is prohibited. Any assignment determined to have been plagiarized will be given a zero and the student reported for academic dishonesty. Copying your answers from your textbooks, journal articles, any website or any source is considered plagiarism. All of your work is to be in your own words, paraphrased and referenced according to APA style. Using quoted sentences is not an acceptable manner in which to complete any assignment in this course and does not reflect synthesis of the material. Consequently, the use of quoted sentences will result in a point deduction up to and including a zero. Copying another student's paper or any portion of it is plagiarism. Copying a portion of published material (e.g., books or journals) without adequately documenting the source is plagiarism. Consistent with APA format, if five or more words in sequence are taken from a source, those words must be placed in quotes and the source referenced with author's name, date of publication, and page number of publication. If the author's ideas are rephrased, by transposing words or expressing the same idea using different words, the idea must be attributed to the author by proper referencing giving the author's name and date of publication. If a single author's ideas are discussed in more than one paragraph, the author must be referenced, according to APA format. Authors whose words or ideas have been used in the preparation of a paper must be listed in the references cited at the end of the paper. Students are expected to review the plagiarism module from the UT Arlington Central Library via http://library.uta.edu/plagiarism/index.html

APA 6th Edition:

Students are expected to use APA style to document resources. The APA Manual 6th edition is a required textbook for the course. Supplementary resources can be found in the UTA online library, including:

- http://library.uta.edu/sites/default/files/apa2014.pdf
- http://libguides.uta.edu/apa
- http://library.uta.edu/how-to/paper-formatting-apa-st

Schedule Adjustments:

As the instructors for this course, we reserve the right to adjust this schedule in any way that serves the educational needs of the students enrolled in this course. – Denise Cauble PhD, and Patricia Thomas PhD

UTA College of Nursing and Health Innovation - AdditionalInformation

Drop Policy:

Graduate students who wish to change a schedule by either dropping or adding a course must first consult with their Graduate Advisor. Regulations pertaining to adding or dropping courses are described below. Adds and drops may be made through late registration either on the Web at MyMav or in person through the student's academic department. Drops can continue through a point two-thirds of the way through the term or session. It is the student's

responsibility to officially withdraw if they do not plan to attend after registering. **Students will not be automatically dropped for non-attendance**. Repayment of certain types of financial aid administered through the University may be required as the result of dropping classes or withdrawing. Contact the Office of Financial Aid and Scholarships at http://wweb.uta.edu/aao/fao/.

The last day to drop this course is June 27, 2016

A student dropping a graduate course after the Census Date but on or before the last day to drop may with the agreement of the instructor, receive a grade of W. Students dropping a course must: (1) Contact course faculty to obtain permission to drop the course with a grade of "W". (2) Contact your graduate advisor to obtain the form and further instructions.

University Library Resources for Online Students:

Peace Williamson, Nursing Librarian Phone: (817) 272-7433 E-mail: peace@uta.edu Research Information on Nursing:

http://libguides.uta.edu/nursing

Library Home Page	http://www.uta.edu/library
Subject Guides	http://libguides.uta.edu
Subject Librarians	http://www.uta.edu/library/help/subject-
	<u>librarians.php</u>
Database List	http://libguides.uta.edu/az.php
Course Reserves	http://pulse.uta.edu/vwebv/enterCourseReserve.do
Library Catalog	http://discover.uta.edu/
E-Journals	http://ns6rl9th2k.search.serialssolutions.com/
Library Tutorials	http://www.uta.edu/library/help/tutorials.php
Connecting from Off-Campus	http://libguides.uta.edu/offcampus
Ask A Librarian	http://ask.uta.edu

Resources often used by online students: http://library.uta.edu/distance-disability-services

Disability Accommodations:

UT Arlington is on record as being committed to both the spirit and letter of all federal equal opportunity legislation, including *The Americans with Disabilities Act (ADA)*, *The Americans with Disabilities Amendments Act (ADAAA)*, and *Section 504 of the Rehabilitation Act*. All instructors at UT Arlington are required by law to provide "reasonable accommodations" to students with disabilities, so as not to discriminate on the basis of disability. Students are responsible for providing the instructor with official notification in the form of a letter certified by the <u>Office for Students with Disabilities (OSD)</u>. Students experiencing a range of conditions (Physical, Learning, Chronic Health, Mental Health, and Sensory) that may cause diminished academic performance or other barriers to learning may seek services and/or accommodations by contacting the Office for Students with Disabilities at (817) 272-3364.

The Office for Students with Disabilities, (OSD):

www.uta.edu/disability or calling 817-272-3364.

Counseling and Psychological Services, (CAPS):

www.uta.edu/caps/ or calling 817-272-3671.

Only those students who have officially documented a need for an accommodation will have their request honored. Information regarding diagnostic criteria and policies for obtaining disability-based academic accommodations can be found at www.uta.edu/disability or by calling the Office for Students with Disabilities at (817) 272-3364.

Title IX:

The University of Texas at Arlington does not discriminate on the basis of race, color, national origin, religion, age, gender, sexual orientation, disabilities, genetic information, and/or veteran status in its educational programs or activities it operates. For more information, visit uta.edu/eos. For information regarding Title IX, visit www.uta.edu/titleIX.

Student Support Services:

UT Arlington provides a variety of resources and programs designed to help students develop academic skills, deal with personal situations, and better understand concepts and information related to their courses. Resources include tutoring, major-based learning centers, developmental education, advising and mentoring, personal counseling, and federally funded programs. For individualized referrals, students may visit the reception desk at University College (Ransom Hall), call the Maverick Resource Hotline at 817-272-6107, send a message to resources@uta.edu, or view the information at www.uta.edu/resources. Does this apply to online? Please find out what specifically applies to them and let's get that message.

Student Success Faculty: In order to assist masters nursing students who are at academic risk or who need academic support, there are graduate faculty members available to you. The goal of the success faculty members is to support student achievement in masters-level coursework so students can reach their educational goals. Students may contact a success faculty member directly, or a course instructor may encourage you to contact a success faculty member.

The success faculty in the MSN Program:

Dr. Donelle Barnes is available as a writing coach to assist students in the MSN Core courses; theory, research, and evidence based practice. Since these courses are writing intensive, Dr. Barnes can help students improve the clarity and organization of their written papers. She can be reached via email: donelle@uta.edu.

Dr. Mary Schira is available as a success faculty to assist with diverse resources that may include study skills, testing challenges/approaches, managing multiple responsibilities, and addressing personal issues impacting academic performance. Course content challenges may also be addressed, with referral to additional resources as indicated. Dr. Schira can be reached via email: schira@uta.edu.

Electronic Communication: UT Arlington has adopted MavMail as its official means to communicate with students about important deadlines and events, as well as to transact university- related business regarding financial aid, tuition, grades, graduation, etc. <u>All students are assigned a MavMail account and are responsible for checking the inbox regularly.</u> There is no additional charge to students for using this account, which remains active even after graduation. Information about activating and using MavMail is available at http://www.uta.edu/oit/cs/email/mavmail.php.

If you are unable to resolve your issue contact the Helpdesk athelpdesk@uta.edu.

Student Feedback Survey: At the end of each term, students enrolled in classes categorized as lecture, seminar, or laboratory shall be directed to complete a Student Feedback Survey (SFS). Instructions on how to access the SFS for this course will be sent directly to each student through MavMail approximately 10 days before the end of the term. Each student's feedback enters the SFS database anonymously and is aggregated with that of other students enrolled in the course. UT Arlington's effort to solicit, gather, tabulate, and publish student feedback is required by state law; students are strongly urged to participate. For more information, visit http://www.uta.edu/sfs.

Status of RN Licensure: All graduate nursing students must have an unencumbered license as designated by the Texas Board of Nursing (BON) to participate in graduate clinical nursing courses. It is also imperative that any student whose license becomes encumbered by the BON must immediately notify Dr. Mary Schira College of Nursing, Associate Dean- Department of Advanced Practice Nursing. The complete policy about encumbered licenses is available online at: www.bon.state.tx.us

Graduate Student Handbook: Students are responsible for knowing and complying with all policies and information contained in the Graduate Student handbook online at: http://www.uta.edu/nursing/msn/msn-students

Ebola exposure: Please inform your faculty if you have been in contact with anyone who has Ebola/have traveled to a country that has Ebola virus.

No Gift Policy: In accordance with Regent Rules and Regulations and the UTA Standards of Conduct, the College of Nursing has a "no gift" policy. A donation to one of the UTA College of Nursing Scholarship Funds, found at the following link: is http://www.uta.edu/nursing/student-

<u>resources/scholarship</u> would be an appropriate way to recognize a faculty member's contribution to your learning. For information regarding Scholarship Funds, please contact the Dean's office.

Student Code of Ethics: The University of Texas at Arlington College of Nursing supports the Student Code of Ethics Policy. Students are responsible for knowing and complying with the Code. The Code can be found in the student handbook online: http://www.uta.edu/nursing/msn/msn-students

Online Conduct: The discussion board should be viewed as a public and professional forum for course-related discussions. Students are free to discuss academic matters and consult one another regarding academic resources. The tone of postings should be professional in nature.

It is not appropriate to post statements of a personal or political nature, or statements criticizing classmates or faculty. Inappropriate statements/language will be deleted by the course faculty and may result in denied access to the Discussion boards. Refer to UTACON Student Handbook for more information.

For this course Blackboard communication tools, discussion boards, and UTA MAV email will be used extensively and should be checked often.

The English Writing Center (411LIBR): Hours are 9 am to 8 pm Mondays-Thursdays, 9 am to 3 pm Fridays and Noon to 5 pm Saturdays and Sundays. Walk In *Quick Hits* sessions during all open hours Mon-Thurs. Register and make appointments online at http://uta.mywconline.com. Classroom Visits, Workshops, and advanced services for graduate students and faculty are also available. Please see www.uta.edu/owl for detailed information.

Emergency Phone Numbers: In case of an on-campus emergency, call the UT Arlington Police Department at 817-272-3003 (non-campus phone), 2-3003 (campus phone). You may also dial 911.