

Georgia College & State University
College of Health Sciences
School of Nursing Master of Science in Nursing Program
 Fall 2019

Course Information					
Course Title	Healthcare Research and Statistical Analysis				
Course #	NRSNG 5600				
Catalog Description	Focuses on research methodology, critical analyses of studies, and the relationships among theory, research, and practice.				
Prerequisites	Admission into the MSN program				
Co-Requisites	None				
Class Hours	3	Lab/Clinical Hours	0	Credit Hours	3
Face to Face: 0%		Online 100%			

Course Faculty	
Leslie Moore, PhD, RN, CNE, MBA	Parks Memorial Hall, Room 106
	Office hours: Webex by appointment
	Email: leslie.moore@gcsu.edu
	Phone: (478) 445-3910

Required Texts & Resources	
Polit, D.F., & Beck, C.T. (2012). <i>Nursing research: generating and assessing evidence for nursing practice (9th ed.)</i> . Philadelphia: Wolters Kluwer.	978-1-605-47708-4
Polit, D.F. (2010). <i>Statistics and data analysis for nursing research (2nd ed.)</i> . Upper Sadle River: Pearson Education, Inc.	978-0-135-08507-3
American Psychological Association. (2010). <i>Publication manual of the American Psychological Association (6th ed.)</i> . Washington, DC: Author.	978-1-4338-0561-5

Recommended Texts & Resources	
Garrard, J. (2011). <i>Health Sciences Literature Review Made Easy: The Matrix Method (3rd ed.)</i> . Sudbury, MA: Jones & Bartlett.	978-0-7637-7186-7
Pyrczak, F. (2008). <i>Evaluating Research in Academic Journals: A Practical Guide to Realistic Evaluation (4th ed.)</i> . Glendale, CA: Pyrczak Publishing.	978-1-936-52302-3

Georgia College MSN Program Outcomes	
Upon completion of the MSN program the graduate will:	
1.	Demonstrate effective communication through collaboration, partnerships, presentations, and scholarly writing.
2.	Improve healthcare outcomes using scholarly inquiry and analysis of evidence.
3.	Demonstrate advanced practice leadership and management principles to mitigate risk and enhance healthcare delivery systems.

Georgia College MSN Program Outcomes	
4.	Model use of legal and ethical professional standards for specialized nursing practice.
5.	Partner with the client in the provision of compassionate and coordinated care, based on respect for the client's preferences, values, and needs.
6.	Use data to monitor and improve the quality and safety of health promotion & disease prevention outcomes.
7.	Advocate for social justice and equity in healthcare by supporting improvements in regulatory, legislative, and public policy development.
8.	Collaborate within nursing and inter-professional team members to foster open communication, mutual respect, and shared decision-making.
9.	Demonstrate essential informatics competences to analyze data and evidence-based care practices.
10.	Demonstrate the competencies associated with a nursing specialty role.

Course Outcomes		
Upon completion of this course, the student will:		Program Outcome
1.	Demonstrate effective scholarly writing.	1
2.	Appraise the evidence base for a practice decision frequently encountered in the advanced specialty role.	2
3.	Compare models for research translation into practice.	3
4.	Analyze practice conflicts that occur with the conduct of clinical research.	4
5.	Perform guided statistical analysis on a data set to answer an evidence-based practice question.	6
6.	Interpret research findings for policymakers to promote safe, efficient, and effective health care delivery.	7
7.	Critique evidence derived from databases to generate evidence for nursing practice.	9

Content Outline
Scholarly writing in advanced nursing practice
Research translation models
Conflicts of obligation in the MSN specialty role and clinical trials research
Locating and synthesizing primary evidence
Interpreting statistical results
Communicating evidence to policy makers

Teaching & Learning Methods Used in Course
This is a fully online course using both synchronous and asynchronous learning activities. A combination of teaching and learning methods such as live and recorded lecture, discussion, classroom activities, use of online resources, readings, group activities, written assignments, project development, literature review, and guest lectures will be used to promote learning.

Course Evaluation Methods

Evaluation Method	% of Course Grade	Course Outcome(s)
Evidence-Based Paper	30	1, 2, 6
The evidence-based paper will assist you in synthesizing major concepts from this class. Students should select a clinical question and use evidence-based literature to answer the clinical question. Major headings should include an overview of the clinical question, methods used to search the literature, synthesis of the results, discussion of findings in relation to the clinical population, suggestions for future research, evidence to policy makers (white paper), and other headings as needed. The white paper section should include a short summary of the clinical problem, previous options identified, and new solutions to the problem. Part of this paper includes a literature matrix consisting of the empirical evidence used to write the paper. The matrix should be prepared in a table format and included as an appendix. The body of the paper should be between 12-15 pages.		
Clinical Guideline Critique	20	2, 7
Groups of students will select a clinical guideline to critique. The critique should include an overview of the patient population addressed in the guidelines, an overview of the guidelines, and critique of the guidelines as supported by the literature. Also included with the critique as an appendix should be the completed AGREE II instrument. The critique should 3-5 pages in length.		
Conflicts of Obligation: Bad Blood Case Study	5	4
Students will complete the “Bad Blood” case study (read case study and answer questions).		
Exams (2)	40	1-7
The Mid-Term (20%) and Final (20%) exams will cover all class content. They will be open book but individual assignments.		
Discussion Postings	5	1-7
Students will complete discussion postings every few weeks as a way to stay in touch with Dr. Moore. Discussion topics will be related to the class and any issues you are having.		

Grading Scale

A = 90-100	B = 80-89	C = 75-79	D = 66-74	F ≤ 65
There will be no rounding of grades.				

University Policies and Resources

Academic Honesty	The integrity of students and their written and oral work is a critical component of the academic process. The submission of another's
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University Policies and Resources	
	work as one's own is plagiarism and will be dealt with using the procedures outlined in the GC Catalog. Remember that allowing another student to copy one's own work violates standards of academic integrity. The electronic plagiarism detection resource, Turnitin, will be used in this course
Religious Observance	Students are permitted to miss class in observance of religious holidays and other activities observed by a religious group of which the student is a member without academic penalty. Exercising of one's rights under this policy is subject to the GC Honor Code. Students who miss class in observance of a religious holiday or event are required to make up the coursework missed as a result from the absence. The nature of the make-up assignments and the deadline for completion of such assignments are at the sole discretion of the instructor. Failure to follow the prescribed procedures voids all student rights under this policy.
Assistance for Student Needs Related to Disability	If you have a disability as described by the Americans with Disabilities Act (ADA) and the Rehabilitation Act of 1973, Section 504, you may be eligible to receive accommodations to assist in programmatic and physical accessibility. Disability Services can assist you in formulating a reasonable accommodation plan and in providing support in developing appropriate accommodations to ensure equal access to all GC programs and facilities. Course requirements will not be waived, but accommodations may assist you in meeting the requirements. For documentation requirements and for additional information, we recommend that you contact Disability Services located in Lanier Hall at 478-445-5931.
Student Rating of Instruction Survey	Given the technological sophistication of Georgia College students, the student opinion survey is being delivered through an online process. Your constructive feedback plays an indispensable role in shaping quality education at Georgia College. All responses are completely confidential, and your name is not stored with your response in any way. In addition, instructors will not see any results of the opinion survey until after final grades are submitted to the University. An invitation to complete the online opinion survey is distributed to students near the end
Fire Drills	Fire drills will be conducted annually. In the event of a fire alarm, students will exit the building in a quick and orderly manner through the nearest hallway exit. Learn the floor plan and exits of the building. Do not use elevators. If you encounter heavy smoke, crawl on the floor so as to gain fresh air. Assist disabled persons and others if possible without endangering your own life. Assemble for a head count on the front lawn of main campus or other designated assembly area.
Electronic Recording Policy	Electronic video and/or audio recording is not permitted during any class unless the student obtains permission from the instructor and

University Policies and Resources	
	every student present. If permission is granted, any distribution of the recording is prohibited. Violation of this policy is grounds for removal from the class and referral for disciplinary action. Students granted specific electronic recording accommodations from Disability Services do not require special permission; however, the instructor must be notified. Any distribution is prohibited.
Academic Grievances or Appeals	An academic grievance or appeal is an allegation by a student of substantial and/or unjustified deviation, to the student's detriment, from policies, procedures and/or requirements regarding admission, grading policies, special agreements, instructor's requirements and academic requirements of the University. Students shall have the right to file academic grievances or appeals according to the procedures approved by the University and outlined in the University Catalog.
Interlibrary Loan	Students are encouraged to use the GCSU Library and the interlibrary loan services (http://www2.gcsu.edu/library/ill/) to obtain journal articles relevant to this course.

School of Nursing Policies	
Catalog and Handbook Requirements	All policies in the current Georgia College & State University Graduate Catalog and in the Doctor of Nursing Practice (DNP) Student Handbook are applicable. The GCSU Graduate Catalog can be located on the official college website. The DNP Nursing Student Handbook can be found in GeorgiaView Nightingale Café.
Communication	All students must regularly check their bobcats email and GeorgiaView email to receive official communication from university faculty and staff. Students are required to access course materials online through GeorgiaView.
Technology Requirements	Students will be required to access library materials, submit course assignments and use extensive online resources from the course website in GeorgiaVIEW (D2L) and on other websites. To ensure that you are able to access these resources and submit assignments, please refer to the Georgia College minimum technology requirements. Students have access to all needed technology resources in the university computer labs/library. Also, the IDEAS help desk can verify that you have all needed software and settings on your personal device. 478-445-2520. The GCSU technology assistance, SERVE, can be reached at 478-445-7378(SERV).
Bobcat Cards	All students must have an activated Bobcat identification card. The Bobcat card is required to use all library services.

Course Specific Policies	
Communication with Course Faculty	Course faculty have identified office hours as noted in the first page of this syllabus. In addition to these times, you may contact faculty

Course Specific Policies	
	via email or phone. Online, telephone, or face-to-face appointments may be scheduled as needed.
Class Attendance:	Attendance at all scheduled <i>online</i> class meetings enhances the learning of all class participants. Students are expected to attend all <i>online</i> classes and to notify the faculty member if unforeseen events occur that prevent attendance. <u>Students are expected to attend Webex class using a computer (not a cell phone) in order to fully participate in group activities.</u> Students are expected to arrive promptly for <i>online</i> class. <i>Students are expected to complete the Audio Set Up Wizard prior to class and to have a functioning headset with working microphone.</i> If a student has notified the faculty member regarding an excused absence such as hospitalization or death in the family prior to the regular scheduled class beginning, the student will make an individualized plan with the faculty member. Cell phones and beepers are to be turned off during class, clinical and other professional activity.
Assignment Due Dates	As a student in a professional master's degree program, you are expected to keep up with assignments and adhere to due dates. Faculty recognize that many MSN students are actively working nurses. If you have conflicts that you believe may affect your ability to complete an assignment by the due date, you must contact faculty in advance. Grade penalties will apply for late submission of major graded assignments: 10 points deducted for each day late after the assigned due date.
Turn It In	All assignments must be submitted to Turn It In anti-plagiarism software in D2L, and the percentage of likeness to other work must be less than 30%. No assignments will be accepted with a score of 30% or higher. Late papers may not be emailed to the faculty without being submitted to Turn It In first.
Extra credit	There is no extra credit available for this course