**NURS 5301: Section 002/003 (Online): Research in Nursing**

Fall 2013

**Instructor(s):** Deborah Behan, PhD, RN-BC

**Office Number:** Pickard Hall - 534

**Office Telephone Number:** (817) 272-4860 Best way to contact me is by my cell phone given in class during orientation

**Email Address:** [dbehan@uta.edu](mailto:dbehan@uta.edu)

**Office Hours:** Online in Blackboard; or by appointment.

**Section Information:** NURS 5301-002/003

**Time and Place of Class Meetings:** Blackboard can be accessed at http://elearn.uta.edu

There are two face-to-face meetings that occur on campus. See the weekly schedule for those dates, times, and locations. The remainder of the course is online in Blackboard.

**Description of Course Content:** Exploration of the research process and critical examination of published studies with emphasis on research critique, interpretation of statistical results, and evidence-based practice.

**Student Learning Outcomes:**

1. Link theory, research, and practice (MSN Program Outcomes 2 & 3).

2. Critically evaluate research (MSN Program Outcome 3).

3. Interpret statistical results (MSN Program Outcome 2).

4. Plan use of research knowledge to facilitate an evidence-based practice for nursing (MSN Program Outcome 2).

**Requirements:** Graduate Standing

**Required Textbooks and other course materials:**

**Required:**

LoBiondo-Wood, G., & Haber, J. (2010). Nursing research: Methods and critical appraisal for evidence based practice (7th ed.). New York: Mosby Elsevier.

ISBN: 978-0-323-05743-1

Grove, S. K. (2007). Statistics for health care research: A practical workbook. Philadelphia: Saunders.

ISBN: 978-1-4160-0226-0

**Recommended:**

American Psychological Association. (2010). Publication Manual of the American Psychological Association (6th Ed.). Washington, DC: Author.

ISBN: 978-1-4338-0561-5

Salkind, N.J. (2011). Statistics for people who think they hate statistics (4th ed.). Los Angeles: Sage.

ISBN: 978-1-4129-7959-7

Burns, N. & Grove, S. (2010). *Understanding nursing research text w/ study guide package* (5th ed). Saunders. ISBN 978-1-4377-0750-2

1. **Descriptions of major assignments and examinations with due dates: Multiple-choice exams: Taken online in Blackboard**

There are four (4) exams that cover the content of the reading assignments and lectures for those weeks. The purpose of the exam is to test your knowledge of the content, or see where you need to learn more.

Exams are open all day, beginning at 12 a.m. until 23:55 p.m., on the scheduled date (see weekly schedule below). They are timed exams, meaning that once you begin you will only have a certain number of minutes to take them. You must complete the exam by 23:55 p.m. More instructions are included in Blackboard.

Some of the exam questions will be testing your knowledge of the research article:

**Gouchon, S., Gregori, D., Picotto, A., Patrucco, G., Nangeroni, M. Di Giulio, P., (2010). Skin-to-Skin contact after cesarean delivery: An experimental study. *Nursing Research, Mar-Apr*, 59(2):78-84. doi: 10.1097/NNR.0b013e3181d1a8bc..** (Available full text, online, through the UTA Library.)

PRIOR TO EACH EXAM, you should read that article, looking for application of your knowledge of the research process in that article.

During the exam, you may have the course textbook and the article next to you at your computer. You may refer to them during the exam. You may NOT confer with other students or any other individual during the exam. It should be your work alone.

1. **Statistical Exercises: Submitted online in Blackboard**

Students will complete four (4) sets of assigned Statistical Exercises. **You will be turning in only the “Questions to be Graded” from the statistical exercises.** The ungraded exercises are not handed in to the instructor, but content may be included in the final exam.

**Exercises are due by 23:55 p.m. on the due date (see weekly schedule below).**

1. **Evidence-Based Practice Assignment: Submitted online in Blackboard.**

Students will describe a ***patient care problem or issue***and select an evidence-based guideline that might be used to change practice. The issue can apply to your current practice or might be used in the advanced role you will be assuming on graduation, such as administrator, educator, or nurse practitioner. Guidelines and grading for this assignment are listed later in this syllabus.

1. **Statistics Final Exam: Held at UTA**

Multiple choice questions will cover all assigned statistical exercises, graded and ungraded. Students will be allowed to use a hand calculator during this exam but no cell phones or any other electronic device.

**Bring to the exam:** a #2 pencil and a calculator that does square root.

Grading:

Exams (4 X 10% each) 40 %

Statistical Exercises (4 sets X 5% each) 20 %

Evidence-based Practice Paper 20 %

Statistics Exam 20 %

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TOTAL 100%

**Attendance Policy:** Regular class attendance and participation is expected of all students. Students are responsible for all missed course information. Regular class participation is expected of all students, but attendance is not required. The first face-to-face meeting will cover the syllabus, lecture material, and explanations of upcoming assignments. Attendance is strongly recommended if you wish to be successful in this course, but no points are deducted if you are not present. The final face-to-face meeting is the final exam. If you are absent on the final exam you will receive a zero (0) grade.

Students are responsible for all course information even if they choose not to attend face-to-face meetings or choose not to read the Discussion Board in Blackboard. Ask another student to share notes and handouts with you if you miss a class session.

**Other Requirements: Please do NOT request altered exam dates or times; you are expected to adhere to the course schedule. An exception will be granted only for an emergency.**

**Students entering the room after the start of the examination will not be granted extra time to complete the exam. Any make-up examinations given may include questions that are other than multiple choice. Make-up examinations may be given at the convenience of the faculty and availability of staff proctors.**

**LATE WORK:** The instructor will impose penalties for late work. Five (5) percent will be deducted from the final grade of the assignment for each day the work is late. Work is considered “late” if it is received after the scheduled due date and time.

**LATE EXAMS:** In Blackboard, if you exceed the number of minutes allowed for the exam, the software notifies you that the time has expired. If you remain in the exam beyond the expiration time, five (5) percent will be deducted from the exam grade for each minute that you remain in the exam. Be sure to save and exit the exam when the time has expired.

**EXCEPTION:** If you become ill, have an accident or family emergency and do not believe you can complete an assignment on time, you should phone or email the instructor immediately – BEFORE - the due date and time. The instructor may postpone the deadline without penalty, depending on the circumstances. Once the due date is passed, points will be deducted for late work regardless of the excuse.

**Grading 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 = 92 to 100

B = 83 to 91.99%

C = 74 to 82.99%

D = 68 to 73.99%

F = below 74 – cannot progress

**Expectations of Out-of-Class Study:** Beyond the time required to attend each class meeting, students enrolled in this course should expect to spend at least an additional minimum of 9-12 hours per week on their own time in course-related activities, including reading required materials, completing assignments, preparing for exams, etc.

**Grade Grievances:** Any appeal of a grade in this course must follow the procedures and deadlines for grade-related grievances as published in the current graduate catalog. <http://www.uta.edu/gradcatalog/2012/general/regulations/#grades>

**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 Financial Aid Office for more information. The last day to drop a course is listed in the Academic Calendar available at [http://www.uta.edu/uta/acadcal.](http://www.uta.edu/uta/acadcal)

1. A student may not add a course after the end of late registration.
2. A student dropping a graduate course after the Census Date but on or before the end of the 10th week of class may with the agreement of the instructor, receive a grade of W but only if passing the course with a C or better average. A grade of W will not be given if the student does not have at least a C average. In such instances, the student will receive a grade of F if he or she withdraws from the class. Students dropping a course must: (1) complete a Course Drop Form (available online <http://www.uta.edu/nursing/MSN/drop_resign_request.pdf> or Graduate Nursing office rooms 512 or 606); (2) obtain faculty signature and current course grade; and (3) submit the form to Graduate Nursing office rooms 512 or 606.
3. A student desiring to drop all courses in which he or she is enrolled is reminded that such action constitutes withdrawal (resignation) from the University. The student must indicate intention to withdraw and drop all courses by completing a resignation form in the Office of the Registrar or by: (1) Completing a resignation form (available online <http://www.uta.edu/nursing/MSN/drop_resign_request.pdf> or Graduate Nursing office rooms 512 or 606; (2) obtaining faculty signature for each course enrolled and current course grade; (3) Submitting the resignation form in the College of Nursing office room 512 or 606; and (4) The department office will send resignation form to the office of the Registrar.
4. In most cases, a student may not drop a graduate course or withdraw (resign) from the University after the 10th week of class. Under extreme circumstances, the Dean of Graduate Studies may consider a petition to withdraw (resign) from the University after the 10th week of class, but in no case may a graduate student selectively drop a course after the 10th week and remain enrolled in any other course. Students should use the special Petition to Withdraw for this purpose. See the section titled Withdrawal (Resignation) From the University for additional information concerning withdrawal. <http://www.grad.uta.edu/handbook>

**Last day to drop or withdraw, October 30, 2013**

**Census Day – September 9, 2013**

**Americans with Disabilities Act:**  The University of Texas at 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)*. 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 that disability. Any student requiring an accommodation for this course must provide the instructor with official documentation in the form of a letter certified by the staff in the Office for Students with Disabilities, University Hall 102. 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](http://www.uta.edu/disability) or by calling the Office for Students with Disabilities at (817) 272-3364.

**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.*

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 BON using rule §215.8 as a guide.**

**Plagiarism:** 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/tutorials/Plagiarism>

**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](mailto:resources@uta.edu), or view the information at [www.uta.edu/resources](http://www.uta.edu/resources).

**Electronic Communication:** The University of Texas at 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. All students are assigned a MavMail account and are responsible for checking the inbox regularly. 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 at [helpdesk@uta.edu](mailto:helpdesk@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>.

**Emergency Exit Procedures**: Should we experience an emergency event that requires us to vacate the building, students should exit the room and move toward the nearest exit, which is located down the stairs and out the nearest door. When exiting the building during an emergency, one should never take an elevator but should use the stairwells. Faculty members and instructional staff will assist students in selecting the safest route for evacuation and will make arrangements to assist handicapped individuals.

**Librarian to Contact:**

Antoinette Nelson,Nursing Librarian

(817) 272-7433, E-mail: [nelsona@uta.edu](mailto:nelsona@uta.edu)

Research Information on Nursing:

[**http://libguides.uta.edu/nursing**](http://libguides.uta.edu/nursing)

Research Information on Nursing: <http://www.uta.edu/library/research/rt-nursing.html>

Library Home Page                          <http://www.uta.edu/library>

Subject Guides                                 <http://libguides.uta.edu>

Subject Librarians                            <http://www-test.uta.edu/library/help/subject-librarians.php>

Database List                                    <http://www-test.uta.edu/library/databases/index.php>

Course Reserves                              <http://pulse.uta.edu/vwebv/enterCourseReserve.do>

Library Catalog                                <http://discover.uta.edu/>

E-Journals                                         <http://utalink.uta.edu:9003/UTAlink/az>

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>

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**UTA College of Nursing additional information:**

**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, Associate Dean, Department of Advanced Practice Nursing. The complete policy about encumbered licenses is available online at: [www.bon.state.tx.us](http://www.bon.state.tx.us)

**Confidentiality Agreement:** You signed a Confidentiality Form in orientation and were provided a copy of the form. Please take your copy of this Confidentiality Form with you to your clinical sites. Please do not sign other agency confidentiality forms. Contact your faculty if the agency requires you to sign their confidentiality form.

**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/handbook/toc.php>

**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/handbook/toc.php>

**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: <http://www.uta.edu/nursing/scholarship_list.php> 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.

**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.***

**Writing Center:** The English Writing Center, Room 411 in the Central Library, provides support to UT-Arlington undergraduate and graduate students and instructors. Undergraduate and graduate student consultants in the Writing Center are trained to help student writers at any stage in their writing processes. Consultants are trained to attend to rhetorical and organizational issues that instructors value in student writing. Although consultants will assist students in identifying and correcting patterns of grammatical or syntactical errors, they are taught to resist student entreaties to become editors or proofreaders of student papers.

The Writing Center offers tutoring for any assigned writing during enrollment at UT-Arlington. During Fall 2012, Writing Center hours are 9 a.m. to 7 p.m., Monday through Thursday; 9 a.m. to 2 p.m., Friday; and 2 p.m. to 6 p.m. Sunday. Individuals may schedule appointments online by following directions available at [www.uta.edu/owl](http://www.uta.edu/owl), or by visiting the Writing Center.

The Writing Center Director, Assistant Director, or tutors are available to make classroom presentations describing Writing Center services. The Writing Center also offers workshops on topics such as documentation and will design specialized workshops at the request of instructors. To schedule a classroom visit or inquire about a workshop, please e-mail or call Tracey-Lynn Clough, Writing Center director, at [clought@uta.edu](mailto:clought@uta.edu) or 817-272-2517.

**Departmental Office/Support Staff**

**Dr. Jennifer Gray,** *Associate Dean and Chair for Masters Programs*

**Felicia Chamberlain,** *Program Coordinator*

Office: 515 Pickard Hall; Phone: (817) 272-0659; E-mail: [chamberl@uta.edu](mailto:chamberl@uta.edu)

**Caitlin Schwartz**, Administrative Assistant

Office: 518 Pickard Hall; Phone: (817) 272-9397;E-mail: [cschwartz@uta.edu](mailto:cschwartz@uta.edu)

Inclement Weather (School Closing) Inquiries: Metro: (972) 601-2049

Fax Number UTA School of Nursing: (817) 272-5006

UTA Police (Emergency Only): (817) 272-3003

**General Guidelines for Written Work**

These guidelines have been developed to help students know the mechanics of writing a paper. The 6th Edition APA Manual (2010) is to be used in conjunction with the guidelines to demonstrate referencing style, levels of headings, and proper ways of including direct quotations in the paper. The APA Manual also gives additional information about grammar and punctuation, use of numbers and abbreviations, and development of tables or figures, which should be helpful in developing any paper.

1. Each paper should have a formal title page (see example below).
2. OMIT abstract, and table of contents.
3. Pagination: Page numbering starts with the title page, continuing through the reference list and any appendices. Arabic (1, 2 etc.) numbers are used.
4. Margins: Margins are to be at least 1 inch and no more than 1.25 inches on all sides. Text should be left justified only. This means that the right margin may appear irregular. If a word is too long to be completed on one line, it should not be hyphenated.
5. Type size and font: Type should be 12 characters per inch. The font should be clean and easy to read (e.g. Arial or Times New Roman). Print should be of letter quality.
6. Spacing: Double spacing is used for the body of the paper. Single spacing may be used with long quotations. Long quotations may also be indented five spaces. DO NOT leave any blank lines between paragraphs or sections.
7. Headings within the paper are essential. First develop an outline of your paper and count the number of levels you plan to incorporate. Grading Criteria Sheets are helpful in determining appropriate headings for specific assignments. See the APA Manual for further guidance.
8. Quotations: In general, avoid the use of direct quotes. Re-state the point in your own words and include the appropriate citation. For ways to properly cite quotations of greater than 40 words see the APA Manual.
9. Reference list: See the APA Manual. The reference list includes only the references cited within the text of the paper.

10. Be sure the paper (or statistics exercise) you submit is complete, since that is the version

**that will be graded**.

Unique 1

Running head: UNIQUE TITLE

Evidence based practice for XXX

[Your name here]

The University of Texas at Arlington College of Nursing

In partial fulfillment of the requirements of

N5301 Research in Nursing

Deborah Behan PhD, RN-BC, Clinical Associate Professor

[Date]

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**EVIDENCE-BASED PRACTICE PAPER**

1. Describe a **Clinical Problem** that you currently see in practice. It can be any patient care problem or issue that is of interest to you in your current practice, or for your future role as an administrator, nurse practitioner, or educator**. It cannot be a project that has already started or that has been completed.** A way to identify an area of interest may be to ask yourself or colleagues questions such as: Is there a better way of doing something? Would another intervention be more effective and improve patient outcomes? Give some data (at least one rate, ratio or cost) from your agency or from the health care literature that supports the fact that this is a patient care problem. (About one page in length.)

2. Review recent research and practice literature and select a research-supported **Intervention** that might address this patient care issue. The intervention may be in the form of a policy, protocol, algorithm or procedure that would change patient care in your institution or care setting. What evidence-based intervention exists to improve current care in terms of patient, provider, or health care agency outcomes? Try to identify something for which you really want an answer. You might also get ideas from research articles from nursing specialty journals.

Review a variety of web sites for the required guideline, such as:

**Agency for Healthcare Research and Quality (**[**http://www.ahrq.gov**](http://www.ahrq.gov/)**)**

**National Guideline Clearinghouse (**[**http://www.guideline.gov**](http://www.guideline.gov/)**)**

For the second section of the paper, provide **a copy** of the guideline, with its reference list, that is used to create the new policy, protocol, algorithm or procedure. Attach that copy to the end of the paper as an Appendix. In the second section of the paper, briefly **describe** where the policy came from and why you believe it is appropriate. (About ½ page in length.)

3. Briefly describe how you would **Implement** the new practice into existing patient care in your agency. Be **specific** about who, when, where, and how this would be implemented. For example, describe who approves new policies, how would staff be oriented or trained in the new policy, and how the policy will be evaluated for effectiveness. Describe what it would cost (in dollars) in patient care per-day to implement the policy (equipment or personnel), and give a brief timeline. Include the evaluation of the new policy in detail. (About three pages in length.)

4. Provide a reference list for your data and guideline/intervention sources, or any other cited sources of information in your paper.

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**GRADE SHEET FOR EBP PAPER:**

10 points 1. Clinical problem clearly described, appropriate for nursing practice, and supported by data from the literature or other source with significance statements.

10 points 2. Appropriate articles and guideline/systematic review (include the references) chosen to address the clinical problem. Include the guideline with paper submission. It may be in an appendix or as a second document with the paper.

10 points 3. Clear intervention, implementation plan, practical, complete and includes evaluation.

10 points 5. Format: APA format, Title page, grammar/spelling, sentence and paragraph structure, citations and references. No more than title page, 5 content pages, reference page, and appendices as appropriate.

**See comments in paper \_\_\_\_\_\_\_\_\_\_\_\_\_ /40= X 20% = Grade for EBP Paper**

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**Weekly** **SCHEDULE**

In an online course, you can pretty much proceed at your own pace. There are a few exceptions, such as **DUE DATES**! Assignments are due on specific dates, by midnight. Therefore, the dates for study are approximate so you know how fast you should be progressing.

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| --- | --- | --- |
| **WEEK OF:** | **Topics and Readings** | **Assignments DUE** |
| **August 22-23** | Introduction to Course  Review of Syllabus & Schedule  Sources of knowledge  Research process  Types of quantitative research  **LoBiondo-Wood & Haber Text: Chapters 1 & 7** | **Meeting at UTA, Saturday, August 24**  **(1000 a.m. to 1300 p.m. section 002)**  **(1330 p.m. to 1630 p.m. section 003)**  **Pickard Hall 223.** |
| **August 24-30** | Literature Review  **LoBiondo-Wood & Haber Text:**  **Chapters 1 & 3 (Ch. 16 as a reference)** | **[Assignment 1]**  **Exam 1 on Friday, August 30 over Chapters 1, 3, 7 (including lectures and Assignment 1).** |
| **August 31-September 6** | Problem and Purpose  Objectives, Questions & Hypotheses  **LoBiondo-Wood & Haber Text: Chapter 2**  **(Ch. 16 as a reference)** | **[Assignment 2]** |
| **September 7-13** | Theoretical Frameworks  **LoBiondo-Wood & Haber Text: Chapter 3**  **(Ch. 16 as a reference)** | **[Assignment 3]**  **Exam 2 DUE on Friday, September 13 over Chapters 2 & 3 (including lectures and Assignments).** |
| **September 14-20** | Research Design  **LoBiondo-Wood & Haber Text:**  **Chapters 8 & 9**  **(Ch. 16 as a reference)** | **[Assignment 4]** |
| **September 21-27** | Sampling Methods  Sample Size  **LoBiondo-Wood & Haber Text: Chapter 10**  **(Ch. 16 as a reference)** | **[Assignment 5]**  **Exam 3 DUE on Friday, September 27 over Chapters 8, 9, 10 (including lectures and Assignments).** |
| **September 28-October 4** | Measurement tools  Levels of Measurement  Reliability & Validity of Measures  Collecting data  **LoBiondo-Wood & Haber Text:**  **Chapter 12 & 13**  **(Ch. 16 as a reference)** | **[Assignment 6]** |
| **October 5-11** | Findings & Discussion  **LoBiondo-Wood & Haber Text: Chapter 15**  **(Ch. 16 as a reference)** | **[Assignment 7]** |
| **October 5-11** | Ethics in research  **LoBiondo-Wood & Haber Text: Chapter 11**  **(Ch. 16 as a reference)** | **Exam 4 DUE on Friday, October 11 over Chapters 11, 12, 13, 15 (including lectures and Assignments).** |
| **October 12-19** | Evidence- based practice  Statistical Theory  **LoBiondo-Wood & Haber Text:**  **Chapters 17 & 18** | **Watch videos, and begin transition to EBP and Statistics** |
| **October 20-26** | Descriptive Statistics  **LoBiondo-Wood & Haber Text: Chapter 14** | **DUE: Saturday, October 26**  **Statistics Exercises Graded**  13: Reliability Values  14: Validity Values  18: Mean, SD, Curve  **Not Graded but on Final Exam**  1: Nominal  3: Interval/Ratio  4: Percentages  9: Sampling Methods  12: Power Analysis  15: Central Tendency  17: Mean, SD, Curve |
| **October 27-November 2** | Correlational Statistics  **LoBiondo-Wood & Haber Text: Chapter 14** | **DUE: Saturday, November 2**  **Statistics Exercises Graded**  21: Effect size  23: Pearson’s product  **Not Graded**  24: Pearson’s r  27: Linear regression  31: t-test |
| **November 3-9** | Differential (between groups) Statistics  **LoBiondo-Wood & Haber Text: Chapter 14** | **DUE: Saturday, November 9**  **Statistics Exercises**  **Graded**  28: Linear regression  29: t-test  **Not Graded**  33: Standard error |
| **November 10-16** | Differential (between groups) Statistics | **DUE: Saturday, November 16**  **Statistics Exercises Graded**  36: ANOVA  40: Chi Square  **Not Graded**  42: Spearman rank order  43: Mann-Whitney U  45: Sensitivity & Specificity |
| **November 17-30** |  | **DUE: Saturday, November 30, 2013 EBP Paper Submitted within Blackboard by 2355 pm** |
| **December 1-7** | Course Evaluation (Online)  **FINAL EXAM on Statistics** | **Meeting at UTA, Saturday, December 7, 2013**  **(1000 a.m. to 1200 noon section 002)**  **(1300 p.m. to 1500 p.m. section 003)**  **Pickard Hall: Room 223.** |