

**THE UNIVERSITY OF TEXAS**

**AT ARLINGTON**

**COLLEGE OF NURSING**

**Official Syllabus**

**N5334 Advanced Pharmacology for Nurse Practitioners**

**Sections 002**

**Spring 2013**

**On-line**

## **NURS 5334 Advanced: Pharmacology for Nurse Practitioners**

Spring 2013

Section 002

**Instructor:** Lorrie N. Hegstad, PhD, APRN, BC, ANP,GNP  
Associate Professor

**Office Number:** Pickard Hall Room 624A

**Office Telephone Number:** 817-272-7080 (no voice mail)

**Email Address:** [Hegstad@uta.edu](mailto:Hegstad@uta.edu) (best way to contact)

**Office Hours:** By Appointment on scheduled class days – see schedule  
Appointments arranged online

**Section Information:** N5334-002 (online)

**Time and Place of Class Meetings:** There are no required meetings EXCEPT : Final Exam –

**December 12 : Time and Place TBA** The online students are welcome to attend class if they so chose – class meets in Pickard Hall, Room 223, Wednesday, **8:30 – 3:30**

Class taped on the following Dates; January 16<sup>th</sup>; January 30<sup>th</sup>; February 13<sup>th\*</sup>; February 20<sup>th</sup>; March 6<sup>th</sup>; March 27<sup>th\*</sup>; April 10<sup>th</sup>; April 24<sup>th</sup> . **Final Exam – May 8<sup>th</sup>- Room- 212 and Time 10 am – 1 pm.**

\* Denotes test days

*“ As the instructor for this course, I reserve the right to adjust this schedule in any way that serves the educational needs of the students enrolled in this course.” Dr. Lorrie Hegstad*

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### **Description of Course Content:**

Study of clinical pharmacological therapeutics for advanced nursing practice.

### **Student Learning Outcomes:**

Upon completion of the course, the student will be able to:

1. Prescribe drugs based on knowledge of drug pharmacokinetics and pharmacodynamics as it relates to relevant individual patient characteristics (e.g. age, culture, & gender).
2. Prescribe drugs based on efficacy, safety, cost, expected outcomes, and other health conditions.
3. Apply appropriate monitoring parameters in assessing the impact and efficacy of drug treatment.
4. Minimize drug reactions/interactions with special attention on vulnerable populations such as infants, children, pregnant & lactating women & older adults.
5. Counsel the patient /family concerning drug regimens, side effects, interactions with –other prescription /nonprescription drugs, herbal preparations, and food supplements.
6. Write prescriptions that fulfill the legal requirements for advanced practice nursing prescriptive authority in the state of Texas.

### **Required Textbooks and Other Course Materials:**

#### **Required Textbooks:**

Lehne, R.A. (2013) *Pharmacology for nursing care*. 8th edition. Philadelphia, PA: W.B. Saunders Company.

Turkoski, B. B., Lance, B. R., Bonfiglio, M. F. (2012) *Drug information handbook for advanced practice nursing*. 13<sup>th</sup> Ed., Hudson (Cleveland): Lexi-Comp Inc.

**Supplementary Texts:** (Most recent edition preferred)

All of these books are excellent resources. You should choose those which best fit your learning style. You should always use the most current edition available and in practice use references which are major specific.

**Please note, the supplementary texts are only a few of the many which are available at Majors Medical Bookstore in Dallas or online. Students are encouraged to review a wide variety of references in order to select the ones that would best assist them in understanding the concepts and in practice. Not all of the suggested books may be in the UTA Bookstore. You may wish to visit the publisher web sites.**

Brenner, G. M. & Stevens, C. W. (2010) *Pharmacology*, 3<sup>rd</sup> ed. Philadelphia, PA, W. B. Saunders Company

Dale, M. M. & Haylett, D. G. (2011) *Rang & Dales Pharmacology Flashcards*. Churchill, Livingston, Elsevier.

Kester, M., Karpa, K. D. & , Vrana, K. E. (2011). *Elsevier's Integrated Review: Pharmacology*. 2<sup>nd</sup> ed. Philadelphia, PA. Mosby/Elsevier.

Olson, J. M. (2011). *Clinical pharmacology made ridiculously simple*. 4<sup>th</sup> ed. Miami, FL, MedMaster.

Wecker, L. et. Al. (2010). *Brody's human pharmacology: Molecular to clinical*. 5<sup>th</sup> ed. Philadelphia, PA., Elsevier

**Course Topics:**

January 16<sup>th</sup> – Principles of Pharmacology, Drugs Across the Life Span & Autonomic Nervous System

January 30<sup>th</sup> – Cardiovascular Drugs (inotropic drugs, anti-anginal drugs, diuretics, antihypertensives, anti-lipid drugs, anticoagulant drugs, antiplatelet drugs & drugs to treat anemia

February 13<sup>th</sup> **Test Day** followed by lecture: Psychopharmacology

February 20<sup>th</sup> – Antibiotics, Antifungal Agents, Drugs to Treat Tuberculosis, Drugs for Non-HIV Viral Infections

March 6<sup>th</sup> 17<sup>th</sup> – Respiratory Pharmacology and Drugs Influencing the GI Tract (GERD, PUD, Laxatives, Anti-diarrheal Drugs, Antiemetics and Obesity

March 27<sup>th</sup> -- **Test Day** followed by lecture: Principles of Prescribing for Advanced Practice Nurses

April 10<sup>th</sup> - Endocrine Drugs to treat Diabetes and Thyroid conditions

April 24<sup>th</sup> - Pain Management and CNS Drugs to Treat Parkinson's Disease, Alzheimer's Disease and Seizure Disorders

**Requirements:**

**Course Prerequisites:** Graduate Standing in Nursing, Advanced Pathology, or Permission of Faculty

**Computer/Internet Access:** Test 1 and Test 2 will be taken online through Blackboard. It is essential that the student have access to high speed internet such as DSL or Cable. They should also be comfortable with testing online. There is a practice test to help the student become familiar with the Blackboard Testing System. More information available on the course Blackboard site.

The course materials and communication with students is through UTA – Blackboard and MyMav e-mail. The student is responsible for having up to date hardware and software. The Help Desk located in the library ([helpdesk@uta.edu](mailto:helpdesk@uta.edu) or 817-272-2208 can advise the student about computer requirements. A high speed reliable system is very important when testing on line. More specific

information about computer requirements will be available in the course. Students should be familiar and comfortable with computers.

### **Teaching Methods/Strategies:**

**Lecture is recorded** using Camtasia & available to distance students through links presented in Blackboard., Lectures may not be downloaded.

**Podcasts of lecture** are available for download through a podcast page; the link to page is posted on Blackboard

All lectures have study questions to guide the students reading and studying.

Lecture outline and/or slides provided to assist student note taking.

Blackboard -Discussion Board, online discussion and faculty/student, student/student interaction

Voiced PowerPoint, Self Instructional Modules, Clinical Practice Case Studies, Expanded Notes on selected topics may be used.

Reading Assignments/Study guides, use of internet to keep abreast of changing pharmacology knowledge

### **Descriptions of major assignments and examinations with due dates:**

There are 2 major exams which are **taken online** (there is not an in class option) at the same time and on the same dates as the in class section – **February 13th and March 27<sup>th</sup> during regular class time**. The test will be available for a limited period of time (check the test Blueprint on Bb for additional information). Students need to log in before 8:30 am and the time allowed for the test will begin when the student accesses the test. The student must submit the test within the time allowed or Blackboard will automatically submit the test when the time has expired.

The Comprehensive Final Exam is scheduled for **May 8<sup>th</sup>** . **Check Test Blueprint on Bb for additional information. Distance Students Must Attend.**

Test I:	33%
Test II:	32%
Final Exam: Comprehensive	<u>35%</u>
	100%

Each regular exam and final may consist of multiple/choice, short answer and/or prescription writing problems.

***On-Line tests ARE NOT to be considered open book tests or group tests. Using references of any kind or sharing or receiving information is a matter of Academic Dishonesty.***

**Make-Up Exams – If a student is unable to take Test 1 or Test 2 at the scheduled time, they must contact the faculty *in advance* to determine if an alternate time or make-up is allowed.** If permitted -the student is expected to make-up the exam within 1 week; type of exam up to faculty; student required to come to campus; repeated make-up exams may result in 10% reduction of grade. To schedule a make-up exam -please call Sonya Darr at 817-272-2043, or e-mail at [sdarr@uta.edu](mailto:sdarr@uta.edu) with at least 48 hour advanced notice.

**Exam results** are reviewed by the faculty and the grade posted in MyGrades in Blackboard reflects any adjustments to the original grade. Grades are usually posted within 48 hours.

### **Review of Major Tests & Final Exam**

The On-line version is not available for review on-line. Student may receive a summary of missed areas upon request. Students may also make an appointment on the in class days to review the test online The Final Exam is reviewed by appointment only.

**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 = 90 to 100

B = 80 to 89

C = 70 to 79

D = 60 to 69 – cannot progress

F = below 60 – cannot progress

### Tests and Final

The item analysis of each test is reviewed and students may be given credit for alternate answers or questions may be dropped. All tests are rounded to two decimal places (i.e. 85.679 = 85.68).

Students who wish to question a specific test item or quiz/assignment/test grade must do so in writing within one week after the grades have been released.

**For the FINAL COURSE GRADE there will be NO ROUNDING (i.e. 89.67 = B; 79.89 = C).**

**Expectations of Out-of-Class Study** A general rule of thumb is this: for every credit hour earned, a student should spend a minimum of 3 hours per week working outside of class. Hence, a 3-credit course **might have a minimum expectation** of 9 hours of reading, study, etc. As a Graduate Level course - ***Beyond the time required to view or listen to the lecture of each class, students enrolled in this course should expect to spend at least an additional 6-10 hours per week on their own time in course-related activities, including reading required materials, completing study guides, reviewing related pathophysiology, and supplemental material to fulfill any knowledge deficits.*** Depending on your current knowledge base and experience with a wide variety of drugs you may have to spend even more time. You may need to take advantage of testing services if you have had difficulty in the past with multiple choice tests. Each person had to determine their study needs.

**Attendance Policy:** The only required attendance on campus is for the Comprehensive Final Exam. The students are expected to participate in the Discussion Board on Blackboard. Students are responsible for keeping up with the course content and information posted on Blackboard.

**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>.

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](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](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>

**Census Day – January 30<sup>th</sup> 2013**

**Last day to drop or withdraw Friday, March 29<sup>th</sup> by 5 PM -Note This is the 10th week of the semester**

**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.**

***This course has a specific Honor Code which the student is expected to acknowledge. Specific information in Blackboard.***

**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 Available:** The University of Texas at 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. These resources include tutoring, major-based learning centers, developmental education, advising and mentoring, personal counseling, and federally funded programs. For individualized referrals to resources for any reason, students may contact 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 Policy:** 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>.

**Librarian to Contact:**

**Helen Hough, Nursing Librarian**

Phone: (817) 272-7429

E-mail: [hough@uta.edu](mailto:hough@uta.edu)

<http://libguides.uta.edu/nursing>

## **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](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.***

## **Departmental Office/Support Staff**

### **Department of Advanced Practice Nursing**

**Mary Schira, PhD, RN, ACNP-BC**  
Associate Dean and Chair; Graduate Advisor  
Email: [Schira@uta.edu](mailto:Schira@uta.edu)

**Sheri Decker, Assistant Graduate Advisor**  
Office # 606-Pickard Hall, (817)-272-2776 ext.0829  
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**Rose Olivier**, Administrative Assistant I  
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**Janyth Arbeau**, Clinical Coordinator  
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**Sonya Darr**, Senior Office Assistant  
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**Kimberly Hodges**, Senior Office Assistant  
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