

**GRAYSON COLLEGE**

**Course Syllabus**

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**Course Information**

**Pharmacology for Health Professionals  
HPRS 2300**

**Spring 2017**

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**Type of Course/Delivery Mode/Testing Requirements**

*Internet course, No proctors required for testing*

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**Professor Contact Information**

Lori Hoover, R.N., M.S.  
6101 Grayson Drive  
Denison, Texas 75020

Feel free to contact me via email or phone with any questions or concerns. My office is located in the Health Sciences Building on the West side of the Main Campus.

Office Location: Health Science Bldg.---Office-102

(Office) 903-415-2534  
(Cell) 903-820-8465  
(Fax) 903-415-2523

hooverl@grayson.edu

Office Hours: Wednesdays---9:00 to 11:00 AM and 1:00-3:00, for internet students. **Please make an appointment.**

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**Course Pre-requisites, Co-requisites, and/or Other Restrictions**

**None.**

***This course should only be considered transferable as an elective.***

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**Course Description**

This 3-credit course is an intermediate level course for students preparing for a career in healthcare and healthcare professionals involved in the care of clients. This course is designed

to allow students to categorize the classification of drugs, identify therapeutic uses, pharmacokinetics, pharmacodynamics, side effects and adverse reactions of various drugs. Topics include the principles of pharmacology, autonomic nervous system agents, neurologic and neuromuscular agents, anti-inflammatory and pain management agents, psychiatric agents, antibacterial agents, antiinfective agents, immunologic agents, antineoplastic agents, respiratory agents, cardiovascular agents, gastrointestinal agents, endocrine agents and emergency agents.

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## **Student Learning Outcomes**

Describe and differentiate the uses, pharmacodynamics, side effects, adverse reactions, and client teaching for various drug classifications.

The course objectives are based on the idea of “putting knowledge to work.” A sound knowledge base in pathophysiology concepts and disease processes is incorporated with the Workplace Competencies and Foundation Skills identified as essential for good job performance by the Secretary’s Commission on Achieving Necessary Skills (SCANS).

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

1. Allocate his/her time through independent completion of unit objectives and assignments.
    - a. SCANS skills: 1a, 6a,b, 7a-f, 8a-e
  2. Organize and maintain information through completion of unit objectives and preparation for exams.
    - a. SCANS skills: 3b, 6a,b, 7a-f, 8a-e
  3. Interpret and communicate information through research and presentation of Discussion Questions.
    - a. SCANS skills: 3c, 6a,b, 7a-f, 8a-e
  4. Engage in independent research on selected Discussion Questions.
    - a. SCANS skills: 3a,d, 6a,b, 7a-f, 8a-e
  5. Use computers to process information through completion of Unit Objectives and preparation for exams.
    - a. SCANS skills: 3d, 6a,b, 7a-f, 8a-e
  6. Demonstrate self-management by maintaining a schedule, which will enable the student to complete the course requirements in a timely manner.
    - a. SCANS skills: 8d, 6a,b, 7a-f, 8a-e
  7. Demonstrate integrity and honesty through ethical communication, test-taking and submission of work.
    - a. SCANS skills: 8e, 6a,b, 7a-f, 8a-e
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### **Required Textbooks (ISBN # included) and Materials**

Kee, Hayes, & McCuiston "Pharmacology A Nursing Process Approach" 8<sup>th</sup> Edition, published by Saunders Elsevier. This text may be purchased in the GC Bookstore. ISBN: 978-1-4557-5148-8

### **Suggested Course Materials**

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### **Outline of Topics Covered**

**In case of inclement weather, emergency closings, or other unforeseen disruptions to scheduled classes, student must log onto their Canvas accounts for directions on where or how to continue their coursework.**

See Calendar

Will be posted in Canvas

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### **Methods of Evaluation**

Each unit of study will be defined as to the key terms, concepts & learning objectives. Since this is an Internet course, emphasis is placed on active, independent learning by the student. Students must assume responsibility for the completion of learning objectives in a timely manner. There will be an assignment due each week. **Late work will be taken with the instructor's permission for half credit.**

Guided learning is provided by the instructor by means of:

1. Online discussion questions.
2. Feedback regarding tests.
3. Case Study evaluations.
4. Review and feedback on Web based activities.
5. General guidance and support during the course of study.

## Grading

Categories	Percentage
On-line Tests	50%
Discussion Questions	37.5%
Case Studies	12.5%

There will be a total of 7 online test grades. Six will be 10 questions worth 10 points each, one will be 20 questions worth 20 points.

There will be a total of 6 discussion questions. Each one will be worth 10 points.

There will be a total of 2 case studies. Each will be worth 10 points.

Total amount points possible: 160

144-160 A

128-143 B

112-127 C

96-111 D

➤ 96 F

Grades will be posted online within the Canvas grade book.

Grading Rubrics will be used for discussion questions (see bottom)

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## Methods of Instruction

*Communication between the instructor and students will primarily be through the course site in GC Canvas. Frequent announcements, comments in the course discussions, responses to email, as well as feedback on homework assignments will be provided regularly. Students will primarily communicate with one another through the course discussions tool. In addition, students have the option to use Canvas email.*

*In an online course, regular routine participation is extremely important. Online participation is assessed through a variety of methods including timely submission of assignments as well as logging in and checking the course site regularly. In addition, active participation in the course discussions is required. Generally, you should plan to check the course site, review new course materials, and participate in the discussions, 3 to 4 times per week.*

*Students are expected to have a basic understanding of personal computers, internet browsing, desktop applications such as Microsoft Word, and file management (uploading, downloading, or sending files).*

*Generally, personal computers purchased in the last 3 years should be adequate to access GC Canvas. Software requirements include Microsoft Internet Explorer 7.x or higher ([www.microsoft.com](http://www.microsoft.com)), the latest version of Sun JAVA ([www.java.com](http://www.java.com)), the latest updates to your operating system (Microsoft Windows XP or higher or Apple MAC OS X or higher), and the latest updates to your anti-virus and spyware protection. Students needing assistance with accessing instructional technology should contact the GC Help Desk. For more information,*

visit [www.grayson.edu](http://www.grayson.edu) and select the Help Desk link.

*Please do not wait until the last minute to submit assignments! Allow enough time before the due date and time to submit your assignments. Should there be a technical problem, immediately notify the instructor via external email or internal Canvas mail. Alternative arrangements, if permitted, will be discussed at that time*

Students are expected to adhere to proper netiquette and treat each other with dignity and respect. For more information on netiquette, please visit <http://www.albion.com/netiquette/> (optional).

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## **Course & Instructor Policies**

### *Class Attendance*

Academic success is closely associated with regular classroom attendance and course participation. All successful students, whether on campus or online, are expected to be highly self-motivated. All students are required to participate in courses regularly and are obliged to participate in class activities and complete and submit assignments following their professors' instructions. Students taking courses during compressed semester time frames such as mini-semester, summer sessions, and mid-semester should plan to spend significantly more time per week on the course. Responsibility for work missed because of illness or school business is placed upon the student. **In accordance with the College's Developmental Education Plan, students withdrawn from their only developmental course may be withdrawn from all academic courses.** In addition, students' eligibility to receive financial aid or live in a College dormitory can be affected by withdrawal from courses. When administrative withdrawal occurs, any tuition refund would be made in accordance with state regulations.

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## **Student Conduct & Discipline**

Students are expected to adhere to proper netiquette and treat each other with dignity and respect. For more information on netiquette, please visit <http://www.albion.com/netiquette/>.

## **Academic Integrity**

The faculty expects from its students a high level of responsibility and academic honesty. Because the value of an academic degree depends upon the absolute integrity of the work done by the student for that degree, it is imperative that a student demonstrate a high standard of individual honor in his or her scholastic work.

Scholastic Dishonesty, any student who commits an act of scholastic dishonesty is subject to discipline. 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.

Plagiarism, especially from the web, from portions of papers for other classes, and from any other source is unacceptable and will be dealt with under the college's policy on plagiarism (see

GC Student Handbook for details). Grayson College subscribes to turnitin.com, which allows faculty to search the web and identify plagiarized material.

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### **Copyright Notice**

The copyright law of the United States (Title 17, United States Code) governs the making of photocopies or other reproductions of copyrighted materials, including music and software. Copying, displaying, reproducing, or distributing copyrighted works may infringe the copyright owner's rights and such infringement is subject to appropriate disciplinary action as well as criminal penalties provided by federal law. Usage of such material is only appropriate when that usage constitutes "fair use" under the Copyright Act.

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### **Withdrawal from Class**

The administration of this institution has set deadlines for withdrawal from any college-level courses. These dates and times are published in that semester's schedule of classes. Administrative procedures must be followed. It is the student's responsibility to handle student initiated withdrawal requirements from any class. You must do the proper paperwork to ensure that you will not receive a final grade of "F" in a course if you choose not to attend the class once you are enrolled (see GC College Catalog for details).

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### **Disability Services**

The goal of Disability Services is to provide students with disabilities educational opportunities equal to those of their non-disabled peers. Disability Services is located in room SC 115 in the Student Success Center.

The contact information for the Office of Disability Services is:

Jeffri Hodge

(903) 463-8751 (voice or TTY)

[hodgej@grayso.edu](mailto:hodgej@grayso.edu)

If you anticipate issues related to the format or requirements of this course, please meet with the Coordinator of Disability Services. The Coordinator is available to discuss ways to ensure your full participation in the course. If you determine that formal, disability-related accommodations are necessary, it is very important that you be registered with Disability Services to notify them of your eligibility for reasonable accommodations. Disability Services can then plan how best to coordinate your accommodations.

It is the student's responsibility to notify his or her professors of the need for such an accommodation. Disability Services provides students with letters to present to faculty members to verify that the student has a disability and needs accommodations. Individuals requiring special accommodation should contact the professor after class or during office hours.

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## Financial Aid

Effective July 1, 2000 students receiving Title IV funds (Pell, Federal Grants, and Student Loans), who subsequently withdraw from classes, will be required to return a portion of the federal financial aid received. Only the percentage of aid earned (determined by the percentage of time attended) will be eligible for retention on the student's behalf. Any aid that is not earned must be returned to its source. If there is a student account balance resulting from these adjustments, the student is responsible for payment. Further details can be obtained from the Office of Financial Aid.

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## Drop Rule

Under section 51.907 of the Texas Education Code, "an institution of higher education may not permit a student to drop more than six courses, including any course a transfer student has dropped at another institution of higher education." This statute was enacted by the State of Texas in spring 2007 and applies to students who enroll in a public institution of higher education as first-time freshmen in fall 2007 or later. Any course that a student drops is counted toward the six-course limit if (1) the student drops a course after census date or (2) the student is not dropping the course in order to withdraw from the institution. Some exemptions for good cause could allow a student to drop a course without having it counted toward this limit, but it is the responsibility of the student to establish that good cause before the drop. Students with questions should contact the Counseling Office or the Office of Admissions & Records for more information before dropping a course!

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## TITLE IX

GC policy prohibits discrimination on the basis of age, ancestry, color, disability, gender identity, genetic information, national origin, race, religion, retaliation, serious medical condition, sex, sexual orientation, spousal affiliation and protected veterans status.

Furthermore, Title IX prohibits sex discrimination to include sexual misconduct: sexual violence (sexual assault, rape), sexual harassment and retaliation.

For more information on Title IX, please contact:

- Dr. Regina Organ, Title IX Coordinator ([903-463-8714](tel:903-463-8714))
- Dr. Dava Washburn, Title IX Coordinator ([903-463-8634](tel:903-463-8634))
- Dr. Kim Williams, Title IX Deputy Coordinator- South Campus ([903\) 415-2506](tel:903-415-2506))
- Mr. Mike McBrayer, Title IX Deputy Coordinator ([903\) 463-8753](tel:903-463-8753))
- Ms. Marilyn Power, Title IX Deputy Coordinator ([903\) 463-8625](tel:903-463-8625))
- Website: <http://www.grayson.edu/campus-life/campus-police/title-ix-policies.html>
- GC Police Department: ([903\) 463-8777](tel:903-463-8777)- Main Campus) ([903\) 415-2501](tel:903-415-2501) - South Campus)
- GC Counseling Center: ([903\) 463-8730](tel:903-463-8730))

- For Any On-campus Emergencies: 911

**Grayson College is not responsible for illness/injury that occurs during the normal course of classroom/lab/clinical experiences.**

***These descriptions and timelines are subject to change at the discretion of the Professor.***

### Access to Internet Library Resources

To access peer reviewed journals including evidence-based practice required for assignments:

1. Login to the GC Website
2. Click on Library on the right upper part of page
3. Click on Find Articles and More
4. Click on Databases by Subject
5. Click on Health & Medicine
6. Click on Databases
7. Choose an appropriate Database (ie. Medline, Medline plus)
8. Search by subject or keywords
9. If you are off campus and are prompted for a login/password – use your portal login/password
10. You may want to select “full text”

**Continue to scroll down to see grading rubric for discussion questions.**

**This rubric is to provide you with guidance as you interact with others in the discussion forums.**



Discussion Area	Excellent	Satisfactory	Unsatisfactory
Response to Main Discussion Questions/Initial Assignment Posting	3 pts – Includes: <ol style="list-style-type: none"> <li>1. Posting is clear and concise.</li> <li>2. Well-developed ideas; introduces new ideas; stimulates discussion.</li> <li>3. Post in a timely manner.</li> </ol>	2 pts – Depends on: <ol style="list-style-type: none"> <li>1. Posting is clear and concise.</li> <li>2. Developing ideas; sometimes stimulates discussion.</li> <li>3. Lacks full development of concepts.</li> </ol>	0-1 pts – Depends on: <ol style="list-style-type: none"> <li>1. Confusing comments, poorly developed ideas, which do not add to discussion. (“Nice work” or “I agree” don’t count as a response).</li> <li>2. Minimal response to discussion question.</li> <li>3. Does not answer at all.</li> </ol>
Response to Others	3 pts – Includes: <ol style="list-style-type: none"> <li>1. Response to at least two other students’ questions.</li> <li>2. Student follows netiquette standards and uses appropriate grammar &amp; spelling.</li> <li>3. Demonstrates analysis of others’ posts; extends meaningful discussion by building on previous posts.</li> </ol>	2 pts – Depends on: <ol style="list-style-type: none"> <li>1. Response to at least 1 (one) other students’ questions.</li> <li>2. Posts shallow contribution to discussion (e.g., agrees or disagrees); does not enrich discussion.</li> <li>3. Student follows netiquette standards and may have some problems with grammar &amp; spelling.</li> </ol>	0-1 pts – Depends on: <ol style="list-style-type: none"> <li>1. Two or more criteria not met.</li> <li>2. Does not answer at all.</li> </ol>
Outside Resources	2 pts – Includes: <ol style="list-style-type: none"> <li>1. Postings include reference to at least one professional journal, website or current news article related to the discussion. Student can upload article or add web link for others to access.</li> <li>2. Link/Reference must be current and from reliable professional source.</li> <li>3. The article/ website is discussed in the posting and relates to issues being discussed by the students.</li> </ol>	1 pts – Depends on: <ol style="list-style-type: none"> <li>1. Postings include at least one professional journal, website or current news article related to the discussion. Student can upload article or add web link for others to access.</li> <li>2. Link/Reference must be current and from reliable professional source.</li> </ol>	0-1 pts – Depends on: <ol style="list-style-type: none"> <li>1. Two or more criteria not met.</li> </ol>
Discussion Participation	2 pts – Includes: <ol style="list-style-type: none"> <li>1. Discussion posts are made by midnight on the day/date listed in the syllabus.</li> <li>2. The student participates in each discussion on <u>2 different days each week</u>.</li> <li>3. Interacts with instructor and at least 2 other students.</li> </ol>	1 pts – Depends on: <ol style="list-style-type: none"> <li>1. Discussion posts are made by midnight on the day/date listed in the syllabus.</li> <li>2. The student participates in each discussion <u>at least 1 day each week</u>.</li> <li>3. Interacts with instructor and at least 1 other students.</li> </ol>	0-1 pts – Depends on: <ol style="list-style-type: none"> <li>1. Discussion posts consistently late.</li> <li>2. Minimal participation in discussion or does not answer at all.</li> </ol>