



**UNIVERSITY OF ALBERTA  
COLLABORATIVE BACCALAUREATE  
NURSING PROGRAM**

Grande Prairie Regional College

Keyano College

Red Deer College

University of Alberta



**NURSING 2150**

**EC**

**2010 – 2011 COURSE OUTLINE**

**Revised by the Learning Experiences Development Committee, April 2007**

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**Department of Nursing Education and Health Studies  
Course Outline – Winter 2011**

**NS2150 Pharmacotherapeutics in Nursing 3(3-0-0), UT, 45 hours, 14 Weeks**



<b>INSTRUCTOR:</b>	D. Dooley BN RN MN	<b>PHONE:</b>	Office (780) 539-2891
<b>OFFICE:</b>	H227	<b>E-MAIL:</b>	<a href="mailto:ddooley@gprc.ab.ca">ddooley@gprc.ab.ca</a>
<b>OFFICE HOURS:</b>	Consult individual instructor		

**PREREQUISITE(S)/ COREQUISITE:** Nil

**REQUIRED TEXT/RESOURCE MATERIALS:**

Lilley, L.L., Harrington, S., Snyder, J.S., and Swart, B. (2011). *Pharmacology for Canadian health care practice* (2<sup>nd</sup> ed.). Toronto: Elsevier.

Alberta Drug Schedules:

<https://pharmacists.ab.ca/nPharmacistResources/ABDrugSchedules.aspx>

The electronic Compendium of Pharmaceuticals and Specialties (e-CPS)

<http://www.gprc.ab.ca/library/databases/list.html?cat=275>

**RECOMMENDED TEXTBOOKS AND RESOURCES:**

A Nursing Drug Handbook or Drug Handbook Software for a PDA.

**ADDITIONAL RESOURCES**

PowerPoint presentations, learning activities, supplementary readings, animations, links to media resources, course announcements, etc., will be available on **Moodle** weekly as needed.

**OPTIONAL RESOURCES**

Lilley, L.L., Harrington, S., Snyder, J.S., and Swart, B. (2011). *Study guide for Pharmacology for Canadian health care practice* (2<sup>nd</sup> ed.). Toronto: Elsevier.

Headset/Microphone/Speakers.

**To participate in Orientation through Elluminate you have 2 options.** 1. You will require a headset with a microphone or computer speakers. A headset with a microphone can be purchased through any store selling computer accessories (London Drugs, Future Shop, Staples, etc). 2. If you choose not to purchase a headset with a microphone; you can still participate. You will hear me though your speakers, but you will only be able to talk through text messaging. **The first time that you connect to Elluminate, you will need to run through some set-up routines that will run automatically from the server.**

## CALENDAR DESCRIPTION:

The course begins with an introduction to drug classification and regulation – from discovery to the patient. The foundations of pharmacodynamic and pharmacokinetic principles will be introduced. Four fundamental domains of drug movement and modification will be studied: drug absorption, distribution, metabolism, and excretion (i.e., pharmacokinetics). To illustrate how the principles involved in pharmacotherapeutics need to be incorporated into professional nursing practice, examples from specific drug classes will be used. Brief scenarios will be used to integrate pharmacology within the clinical setting. Safe, evidence-based practice will be emphasized.

## CREDIT/CONTACT HOURS (per week): 14 WEEK COURSE.

NS2150 consists of: Lecture (Moodle): 3    Seminar: 0    Lab: 0

## DELIVERY MODE(S):

The course will be delivered on-line through GPRC's on – line course management system (Moodle). This is an asynchronous online course. This means there is no established time when you must log on. However, at a specified time each week, the instructor will make an online presentation relating to the topic for that week and the issues of the day. This presentation will set the tone for the online discussion. The purpose of the weekly input is to keep each of us focused on the same topic. Once the instructor's presentation is posted, you may add to the discussion at any time. You must log-on twice a week at a minimum. However, to benefit most from this part of the course, you are advised to check in on the discussion several times a week, adding your thoughts and comments to those of others so that the discussion grows as it continues back and forth.

In addition to the online course materials in Moodle, we will use another online tool – **Illuminate** – actually to speak to one another. These conversations will be much like telephone conference calls but with some additional visual elements. You have a Voice Conference button (Illuminate) in Moodle that will let you access these conferences. **This component will only be used for the Course Orientation.** The Illuminate Orientation session will be recorded so students who miss it can log into Illuminate at any time and watch/listen to the recorded session.

### Contact Information

Our communication will be carried out by Course e-mail, News Forum (General News and Announcements), Illuminate (Orientation), and Moodle Discussion Forums; on-site visits to my office or by phone can occur if you require assistance.

**General News and Announcements** will be made in Moodle through the **News Forum**.

## Technical Requirements: Computer System

In order to participate in the program, each student must own or have ready access to a PC. Students are responsible for their own communication costs such as long distance telephone charges and subscriptions to an Internet node, or any other communication service requirements.

Go to <http://moodle.gprc.ab.ca/>

On the Right Hand side of the page; **Click Moodle Support**. In the new window, **Click Technical Requirements** to view Moodle Technical Requirements.

Also on the Technical Requirements page; **Click Browser Check-up**. Here you will see a **Green Check Mark (✓)** in the programs that you already have. If you see a **Red X** you will need to download the program[s].

## SPECIALIZED SUPPORT and DISABILITY SERVICES:

Students who require accommodations in this course due to disability affecting mobility, vision, hearing, learning, or mental or physical health are advised to discuss their needs with Student Services.

## DISTANCE EDUCATION SUPPORT

For **help with Moodle**, Click Moodle Support and/or E-Campus Student Support at <http://moodle.gprc.ab.ca/> or drop in and ask for assistance at the Library Information desk. Also, if you click Moodle 101 at <http://moodle.gprc.ab.ca/> you will be able to access the Student Guide. For **help with Elluminate**, Click Elluminate *Live!* at <http://moodle.gprc.ab.ca/>

Grande Prairie Regional College has a **Distance Education Support Line** that is toll free number 1-877-832-7667.

## Logging In

Type [http://moodle.gprc.ab.ca](http://moodle.gprc.ab.ca/) in the address bar of your internet browser. When the page loads, enter your username and password in the Login box.

Your username will be your 7-digit student ID

Your password will be the same as the network password used to login to the PC's on campus.

**Note:** If you change your network password, then your Moodle password changes too.

## Navigating Moodle

Once you login to Moodle, you will see the **“My Courses”** where all your courses will be listed. Choose the Course **NS2150\_EC\_W11\_Pharmacotherapeutics**.

## OBJECTIVES:

**Upon completion of NURS 2150, the nursing student will be able to:**

1. Demonstrate an understanding of <sup>1</sup> the basic pharmacodynamic concepts underlying drug actions in the human body.
2. Demonstrate an understanding of the basic pharmacokinetic principles that govern movement of drugs within the human body.
3. Demonstrate an understanding of the classification, nature, properties, and effects of drugs.
4. Demonstrate an understanding of the role of the nurse and the health team in promoting client education optimal therapeutic regimens, and in the anticipation and management of side/adverse effects.
5. Demonstrate an understanding of how individual differences account for differences in drug response.
6. Integrate principles of drug therapies into professional practice.
7. Demonstrate an understanding of ethical and legal principles related to the administration of pharmacological agents.

## TRANSFERABILITY:

“This course is part of the block transfer agreement with the University of Alberta in the Collaborative BScN Program. Admission to the fourth year of the Program and registration at the U of A will be contingent upon confirmation by the Faculty of Nursing that the first three years of the Program have been completed with satisfactory academic standing. For promotion to Year 4 at the U of A, a student is required to pass all previous courses and obtain a minimum cumulative GPA of 2.0 on a 4.0 point scale in the first three years of the program. If these conditions are met, the student will be granted a block transfer of work completed at GPRC to the U of A record.”

**\*\* Grade of D or D+ may not be acceptable for transfer to other post-secondary institutions. Students are cautioned that it is their responsibility to contact the receiving institutions to ensure transferability**

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<sup>1</sup> ‘Demonstrate an understanding of...’ This means through satisfactory continuous assessment, the examination regimen, self-testing using the Moodle site, class interaction with tutor, etc.

## GRADING CRITERIA:

In order to pass Nursing 2150, students must **complete** the following requirements:

### Course Requirements and Value (Total 100%)

1. On-line open book quizzes: There will be 6 valued at 10% each. (Total: 60%). These consist of fill in the blank, matching, true/false, multiple answers, ordering, and multiple choice questions. All quizzes will be submitted on-line through an automated system at the dates and times specified in the study guide. **The quizzes will be available for 4 days, from 0800 on Day 1 to midnight on Day 4.** Once you log on, you will have **3 hours** to complete it. You **cannot** partially complete it and return later. You should also ensure you regularly save the answers. Regularly Click Save Without Submitting – at the bottom of the Quiz page). **When completed, you will submit the quiz on-line** (i.e. Click Submit all and finish at the bottom of the Quiz page). Your grades will be automatically entered into the Moodle grade book.
2. Final Examination: 30% (75 multiple choice questions) \*refer to the Student Handbook for procedures for exams. The final exam will be submitted on-line through an automated system at the date and time specified in the study guide. It will be available for **7 days**, but once you log on, you will have **2 hours** to complete it. You **cannot** partially complete it and return later. You should also ensure you regularly save the answers. Regularly Click Save Without Submitting – at the bottom of the Exam page). **When completed, you will submit the exam on-line** (i.e. Click Submit all and finish at the bottom of the Exam page). Your grade will be automatically entered into the Moodle grade book. **This exam can be taken anytime from 0800 April 16<sup>th</sup> to 2400hrs April 22<sup>nd</sup> [During GPRC Final Exam Time Period – April 14<sup>th</sup> – 27<sup>th</sup>].**
3. Participation: Mid-term Self - Evaluation 5%; Final Self – Evaluation 5%. (Total: 10%). There are links to these evaluations posted in Moodle in Unit 7 and 13 [Also available under Self-Evaluations button]. You may log on anytime during the required period [mid-term and end of course] and complete the self-evaluation. You **may** also partially complete it and go back and finish the self-evaluation at any time during the required period. If you are partially completing it without submitting, be sure to Regularly Click Save Without Submitting – at the bottom of the Self-Evaluation page). **When completed, you will submit the Self-Evaluation on-line** (i.e. Click Submit all and finish at the bottom of the Self-Evaluation page). Your grade will be automatically entered into the Moodle grade book.

### ***Conference Participation***

The assessment structure for NS2150 indicates that 10% of your final grade will be determined by your participation in the course. Your participation will be measured against the following criteria. Keep these criteria in mind as you proceed through the course, and gauge your own efforts toward achieving your full share of this significant portion of your course grade. You will submit a mid-term participation self-evaluation at the end of week 7, followed by a final self-evaluation at week 13. A formative (mid-term) and summative (final) evaluation tool will be provided. Your participation mark is the mark given by you for each of the two evaluations. **The instructor reserves the right to override this mark if it is deemed it is not an accurate evaluation of your participation.** The instructor will be watching for the introduction of new ideas, the support of others, offering of reference sites, and interesting interpretation or application of the course content. A summary of the expectations of online participation can be found below.

#### **Participation Criteria**

1. Respond to online discussions at least twice each week.
  - a. Post my input into the discussion board forum at least once each week.
  - b. Respond to online discussions at least once each week.
2. Contribute original thoughts or ideas to online discussions.
3. Bring up new and related perceptions of an issue being discussed.
4. Cite relevant research to validate points made.
5. Be open to divergent points of view.
6. Be respectful of the perceptions of others.
7. Integrate material from previous units to formulate ideas and generate dialogue.
8. Follows directions
9. Follow rules of grammar and spelling.

Conference participation is critical to course success. Cooperative and collegial learning is fundamental to this course. Your participation is not being evaluated relative to others in the class but rather against the above stated criteria.

**Assignment of Final Grade:**

A percentage mark will be assigned for each quiz, participation, and final exam. A final letter grade will be determined by converting the total percentage mark for all evaluation components to a letter grade. The letter grade is based on the grade descriptors (excellent, very good, good, satisfactory, and poor).

<b>GRADING CONVERSION CHART</b>			
<b>ALPHA GRADE</b>	<b>PERCENTAGE CONVERSION (%)</b>	<b>4-POINT EQUIVALENT</b>	<b>DESCRIPTOR</b>
A+	95 – 100	4.0	Excellent
A	90 – 94.9	4.0	
A-	85 – 89.9	3.7	Very Good First Class Standing
B+	80 – 84.9	3.3	
B	75 – 79.9	3.0	Good
B-	70 – 74.9	2.7	
C+	66 – 69.9	2.3	Satisfactory
C	63 – 65.9	2.0	
C-	60 – 62.9	1.7	
D+	55 – 59.9	1.3	Poor
D	50 – 54.9	1.0	Minimal Pass
F	0 – 49.9	0.0	Failure
WF	0	0.0	Fail Withdrawal after the deadline

\*A grade of C- is the minimum passing grade for any nursing course with the exception of NS1050 and NS2150. The passing grade for these courses is a D or D+.

\*Students may receive a grade of D or D+ in an assignment or component of a course, but must have an overall grade of C- to achieve a passing grade in a nursing course.

\*\*Note: Please refer to the GPRC's 2010-2011 Academic Calendar for:  
the grading policy at

[http://www.gprc.ab.ca/downloads/documents/Calendar\\_1011\\_Academic\\_Regulations\\_Grading.pdf](http://www.gprc.ab.ca/downloads/documents/Calendar_1011_Academic_Regulations_Grading.pdf)

and the Progression Criteria in the Bachelor of Science in Nursing program at

[http://www.gprc.ab.ca/downloads/documents/Calendar\\_1011\\_Nursing\\_Education\\_and\\_Health\\_Studies.pdf](http://www.gprc.ab.ca/downloads/documents/Calendar_1011_Nursing_Education_and_Health_Studies.pdf)

## EXAMINATIONS:

- **Participation.**
- **Quizzes in Weeks 2, 4, 6, 8, 10, 12.**
- **The Final Exam will be available on-line April 16-22, 2011 [During Exam Week].**

## STUDENT RESPONSIBILITIES:

### Required Learning Experiences:

**NS2150 Lectures:** Students will work with tutor on-line to acquire necessary information for pharmacotherapeutics. **Participation is an expectation.** In addition, you will need to spend approximately **3 hours** on the Moodle site each week.

### Late Assignment Policy:

**All quizzes and final exam are expected to be completed on-line within the time frame given.** Extensions on assignments may be granted and must be negotiated with the instructor prior to the due date and with a date and time specified for late submissions.

If applicable, a penalty of one letter grade for each working day that an assignment is submitted after the due date will be deducted from the final mark. For example, a quiz scored at 80% (B+) would receive an adjusted grade of 75 (B) if submitted one day late when an extension was not negotiated with the instructor prior to the due date.

## STATEMENT ON PLAGIARISM AND CHEATING:

Please refer to the GPRC's 2010-2011 Academic Calendar for the policy regarding plagiarism, cheating and the resultant penalties. These are serious issues and will be dealt with severely. The instructor reserves the right to use electronic plagiarism detection services.

[http://www.gprc.ab.ca/downloads/documents/Calendar\\_1011\\_Student\\_Conduct.pdf](http://www.gprc.ab.ca/downloads/documents/Calendar_1011_Student_Conduct.pdf)

## **COURSE SCHEDULE/TENTATIVE TIMELINE:**

**Dates: January 5 – April 15, 2011**; On-line through Moodle.

### **ORIENTATION**

#### **Illuminate Orientation Session :**

**Orientation to Moodle, the Course, and Illuminate using Illuminate will occur on January 5, 2011 from 1900hrs to 2100hrs [Alberta Time].** You will have received instructions on how to log onto Moodle and Illuminate through a package that you received via mail. It is also included on page 4 of this course outline [**Distance Education Support**].

Once you login to Moodle, you will see the “My Courses” where all your courses will be listed. Choose the Course **NS2150\_EC\_W11\_Pharmacotherapeutics**. **In Moodle just Click on the Grey Illuminate Button at the top left of your Moodle Screen. A new Screen will appear. Click the NS2150 Orientation Session, then Click the Join Meeting Link and Illuminate will launch adding you to the meeting.** We will guide you through the rest.

You will be able to talk to me via a microphone or text messaging but you will not be able to see me. You will see how Illuminate works during orientation. This session is not mandatory and does not affect your participation mark. However, it is suggested that you attend the Orientation session.

If you miss this Orientation session then you can watch a recording of this session through Illuminate.

**Refer to Course Schedule on page 11-17.**

**Withdrawal Date:** The withdrawal deadline for NS 2150 with permission is **Tuesday, March 15<sup>th</sup>, 2011** as per the GPRC 2010/2011 Calendar. Students who drop a course after this date will receive a WF [Fail, withdrawal after the deadline] on their transcript.

# NS 2150 - Schedule and Reading List

**Note:** In the readings below; **Lilley et al.** chapters refer to the textbook we are using:

Lilley, L.L., Harrington, S., Snyder, J.S., and Swart, B. (2011). *Pharmacology for Canadian health care practice* (2<sup>nd</sup> ed.). Toronto: Elsevier.

**PLEASE NOTE:** All Lilley et al. Textbook Chapter Readings, PowerPoint Presentations, and the Alberta's Drug Schedules are **REQUIRED READINGS!**

All other **Supplemental Readings** and **Learning Activities** are **ADDITIONAL RESOURCES** to **Supplement Your Learning**. You are encouraged to read, view, and do these where applicable, as your time and schedule permit; **but they are not required.**

Unit/Date	Topic	Readings	Notes
1 Jan 5-11.	<p>Orientation to the course through Elluminate- Jan 5<sup>th</sup>.</p> <p><b><u>Pharmacology Basics</u></b></p> <p>Nursing Practice in Canada and Drug Therapy</p> <p>Drug Schedules</p> <p>Pharmacological Principles</p> <ul style="list-style-type: none"> <li>▪ Pharmaceutics</li> <li>▪ Pharmacokinetics</li> <li>▪ Pharmacodynamics</li> <li>▪ Pharmacotherapeutics</li> <li>▪ Pharmacognosy</li> </ul> <p>Considerations for Special Populations</p>	<p>Course Outline Moodle</p> <p><b>Required Reading:</b> Lilley et al. - Chapter 1: Nursing Practice in Canada and Drug Therapy <b>Required Reading:</b> Lilley et al. - PPT Ch.1 <b>Supplemental Reading:</b> Getting to the Root of Med Errors Article</p> <p><b>Required Reading:</b> Alberta Drug Schedules: <a href="https://pharmacists.ab.ca/nPharmacistResources/ABDrugSchedules.aspx">https://pharmacists.ab.ca/nPharmacistResources/ABDrugSchedules.aspx</a></p> <p><b>Required Reading:</b> Lilley et al. - Chapter 2: Pharmacological Principles <b>Required Reading:</b> Lilley et al.-Chapter 2-PPT <b>Supplemental Reading:</b> Herb-Drug, Food-Drug, Nutrient-Drug, and Drug-Drug Interactions Article <b>Supplemental Reading:</b> Canadian Trade Names and Generic Equivalents <b>Learning Activity:</b> First Pass Effect</p> <p><b>Required Reading:</b> Lilley et al. - Chapter 3 – Considerations for Special Populations <b>Required Reading:</b> Lilley et al. - Chapter 3-PPT <b>Supplemental Reading:</b> Beers List - Potentially Inappropriate Meds for the Elderly <b>Supplemental Reading:</b> MotheRisk <b>Learning Activity:</b> Videos: Med Challenges in the Elderly – Part 1 and 2 <b>Test your knowledge of Unit 1 in Clinical Connections.</b></p> <p>Complete and post the assigned questions for Unit 1; Chapters 1, 2, 3, and AB Drug Schedules. <b>[Discussion Forum]</b></p>	

<p>2 Jan 12-18.</p>	<p><b><u>Pharmacology Basics</u></b> OTC and NHP's</p> <p>Substance Abuse [Drugs of Addiction]</p> <p><b><u>Drugs affecting the CNS</u></b> Drugs for Control of Pain</p>	<p><b>Required Reading:</b> Lilley et al.- Chapter 7: Over-the-Counter Drugs and Natural Health Products  <b>Required Reading:</b> Lilley et al.- Ch.7 -PPT  <b>Supplemental Readings:</b>                  Alternative Medicine Foundation                  Camline                  National Center for Complementary and Alternative Medicine                  Medline Plus: Herbs and Supplements                  Herbal and Alternative Therapies                  Public Health Agency of Canada                  American Family Physician - Herbal Remedies: Adverse Effects and Drug Interactions                  Family Practice Management - Complementary and Alternative Medicine: A Primer</p> <p><b>Required Reading:</b> Lilley et al. - Chapter 9: Problematic Substance Use  <b>Required Reading:</b> Lilley et al. - Ch. 9- PPT  <b>Supplemental Reading:</b> Health Canada: Drugs and Health Products  <b>Learning Activity:</b> Animations: How Drugs Work</p> <p><b>Required Reading:</b> Lilley et al. - Chapter 11: Analgesic Drugs  <b>Required Reading:</b> Lilley et al. -Ch.11-PPT  <b>Learning Activity:</b> Pain Pharmacology</p> <p><b>Test your knowledge of Unit 2 in Clinical Connections.</b></p> <p>Complete and post the assigned questions for Unit 2; Chapters 7, 9, 11. <b>[Discussion Forum]</b></p>	<p><b>Quiz #1 – [Content: Unit 1 and 2]. Available January 18<sup>th</sup> 0800hrs- January 21<sup>st</sup> 2400hrs. [Quizzes and Final Exam].</b></p>
<p>3 Jan 19-25.</p>	<p><b><u>Drugs Affecting the CNS</u></b></p> <p>Drugs for Insomnia</p> <p>Drugs for Seizures</p> <p>Drugs for Parkinson's Disease</p>	<p><b>Required Reading:</b> Lilley et al. - Chapter 13: Central Nervous System Depressants and Muscle Relaxants  <b>Required Reading:</b> Lilley et al.-Ch.13-PPT  <b>Learning Activity:</b> X-Word</p> <p><b>Required Reading:</b> Lilley et al -Chapter 14: Anti-Epileptic Drugs  <b>Required Reading:</b> Lilley et al -Ch.14-PPT</p> <p><b>Required Reading:</b> Lilley et al. -Chapter 15: Antiparkinsonian Drugs  <b>Required Reading:</b> Lilley et al. -Ch.15-PPT</p> <p><b>Test your knowledge of Unit 3 in Clinical Connections.</b></p> <p>Complete and post the assigned questions for Unit 3; Chapters 13, 14, 15. <b>[Discussion Forum]</b></p>	

<p>4 Jan 26- Feb 1.</p>	<p><b><u>Drugs Affecting the CNS</u></b></p> <p>Drugs for Anxiety, Emotional, and Mood Disorders</p> <p>Stimulants</p> <p><b><u>Drugs Affecting the Autonomic Nervous System</u></b></p>	<p><b>Required Reading:</b> Lilley et al. -Chapter 16: Psychotherapeutic Drugs  <b>Required Reading:</b> Lilley et al. -Ch.16-PPT  <b>Learning Activity:</b> Psychotropic Meds and Neurotransmitters</p> <p><b>Required Reading:</b> Lilley et al. -Chapter 17: CNS Stimulants Drugs  <b>Required Reading:</b> Lilley et al. -Ch.17-PPT</p> <p><b>Required Reading:</b> Lilley et al. -Chapter 18: Adrenergic Drugs  <b>Required Reading:</b> Lilley et al. -Ch.18-PPT</p> <p><b>Test your knowledge of Unit 4 in Clinical Connections.</b></p> <p>Complete and post the assigned questions for Unit 4; Chapters 16, 17, 18. <b>[Discussion Forum]</b></p>	<p><b>Quiz #2 – [Content: Unit 3 and 4]. Available February 1<sup>st</sup> 0800hrs- February 4<sup>th</sup> 2400hrs. <b>[Quizzes and Final Exam]</b></b></p>
<p>5 Feb 2-8.</p>	<p><b><u>Drugs Affecting the Autonomic Nervous System</u></b></p>	<p><b>Required Reading:</b> Lilley et al. -Chapter 20: Cholinergic Drugs  <b>Required Reading:</b> Lilley et al. -Ch.20-PPT  <b>Learning Activity:</b> Neuromuscular Blockers</p> <p><b>Required Reading:</b> Lilley et al. -Chapter 21: Cholinergic-Blocking Drugs  <b>Required Reading:</b> Lilley et al. -Ch.21-PPT</p> <p><b>Test your knowledge of Unit 5 in Clinical Connections.</b></p> <p>Complete and post the assigned questions for Unit 5; Chapters 20, 21. <b>[Discussion Forum]</b></p>	
<p>6 Feb 9-15.</p>	<p><b><u>Drugs Affecting the Cardiovascular and Renal Systems</u></b></p> <p>Drugs for Angina, MI and CVA</p>	<p><b>Required Reading:</b> Lilley et al. -Chapter 22: Positive Inotropic Drugs  <b>Required Reading:</b> Lilley et al. -Ch.22-PPT</p> <p><b>Required Reading:</b> Lilley et al. -Chapter 23: Antidysrhythmic Drugs  <b>Required Reading:</b> Lilley et al. -Ch.23-PPT  <b>Learning Activity:</b> X-Word</p> <p><b>Required Reading:</b> Lilley et al. -Chapter 24: Anti-Anginal Drugs  <b>Required Reading:</b> Lilley et al. -Ch.24-PPT</p> <p><b>Test your knowledge of Unit 6 in Clinical Connections.</b></p> <p>Complete and post the assigned questions for Unit 6; Chapters 22, 23, 24. <b>[Discussion Forum]</b></p>	<p><b>Quiz #3 – [Content: Unit 5 and 6]. Available February 15<sup>th</sup> 0800hrs- February 18<sup>th</sup> 2400hrs. <b>[Quizzes and Final Exam]</b></b></p>





<p>11 March 23-29.</p>	<p><b><u>Anti-Infective and Anti-Inflammatory Drugs</u></b></p> <p>Drugs for TB</p> <p>Drugs for Fungal Infections</p> <p>Drugs for Inflammation and Rheumatic Conditions.</p>	<p><b>Required Reading:</b> Lilley et al. -Chapter 41: Antitubercular Drugs  <b>Required Reading:</b> Lilley et al. -Ch.41-PPT  <b>Supplemental Reading:</b> TB Global Facts  <b>Supplemental Reading:</b> TB Prevention and Control Guidelines–Alberta.</p> <p><b>Required Reading:</b> Lilley et al. -Chapter 42 Antifungal Drugs  <b>Required Reading:</b> Lilley et al. -Ch.42-PPT  <b>Learning Activity:</b> Video: Anti-infective Medication Therapy: Antifungal, Antiviral, and Antitubercular Agents</p> <p><b>Required Reading:</b> Lilley et al. -Chapter 45: Anti-inflammatory, Antiarthritic, and Related Drugs.  <b>Required Reading:</b> Lilley et al. -Ch.45-PPT</p> <p><b>Test your knowledge of Unit 11 in Clinical Connections.</b></p> <p>Complete and post the assigned questions for Unit 11; Chapters 41, 42, 45. [<a href="#">Discussion Forum</a>]</p>	
<p>12 March 30 – April 5.</p>	<p><b><u>Drugs Affecting the Gastrointestinal System and Nutrition</u></b></p>	<p><b>Required Reading:</b> Lilley et al. -Chapter 52: Acid-Controlling Drugs  <b>Required Reading:</b> Lilley et al. -Ch.52-PPT</p> <p><b>Required Reading:</b> Lilley et al. -Chapter 53: Antidiarrheal Drugs and Laxatives  <b>Required Reading:</b> Lilley et al. -Ch.53-PPT</p> <p><b>Required Reading:</b> Lilley et al. -Chapter 54: Anti-Emetic and Antinausea Drugs  <b>Required Reading:</b> Lilley et al. -Ch.54-PPT  <b>Supplemental Reading:</b> Antiemetics Article  <b>Supplemental Reading:</b> Pharmacological Management of Chemo-Induced Nausea and Vomiting Article</p> <p><b>Test your knowledge of Unit 12 in Clinical Connections.</b></p> <p>Complete and post the assigned questions for Unit 12; Chapters 52, 53, 54. [<a href="#">Discussion Forum</a>]</p>	<p><b>Quiz #6 – [Content: Unit 11 and 12]. Available April 5<sup>th</sup> 0800hrs- April 8<sup>th</sup> 2400hrs. [<a href="#">Quizzes and Final Exam</a>]</b></p>

<p>13 April 6- 12<sup>th</sup>.</p>	<p><b><u>Miscellaneous Therapeutics: Dermatologic, Ophthalmic, and Otic Drugs</u></b></p> <p>Drugs for Skin Disorders</p> <p>Drugs for Eye Disorders</p> <p>Drugs for Ear Disorders</p>	<p><b>Required Reading:</b> Lilley et al. -Chapter 57: Dermatologic Drugs  <b>Required Reading:</b> Lilley et al. -Ch.57-PPT  <b>Learning Activity:</b> Dermatological Drugs Quiz - PPT</p> <p><b>Required Reading:</b> Lilley et al. -Chapter 58: Ophthalmic Drugs  <b>Required Reading:</b> Lilley et al. -Ch.58-PPT  <b>Learning Activity:</b> Ophthalmic Drugs Quiz - PPT</p> <p><b>Required Reading:</b> Lilley et al. -Chapter 59: Otic Drugs  <b>Required Reading:</b> Lilley et al. -Ch.59-PPT  <b>Learning Activity:</b> Otic Drugs Quiz - PPT</p> <p><b>Test your knowledge of Unit 13 in Clinical Connections.</b></p> <p>Complete and post the assigned questions for Unit 13; Chapters 57, 58, 59. <b>[Discussion Forum]</b></p>	<p><b>Complete Final Self-Evaluation [Self-Evaluations].</b></p>
<p>April 15</p>		<p><b>Course Ends</b></p>	
<p>April 16- 22.</p>	<p><b>FINAL EXAMINATION</b></p>	<p><b>Final Exam:</b> It will be available for <b>7 days</b>, but once you log on, you will have <b>2 hours</b> to complete it. You <b>cannot</b> partially complete it and return later. You should also ensure you regularly save the answers. When completed, you will submit it on-line. Your grade will be automatically entered into the Moodle grade book.</p>	<p><b>The Final Exam can be taken anytime from 0800 April 16<sup>th</sup> to 2400hrs April 22nd. [Quizzes and Final Exam].</b></p>