



**UNIVERSITY OF ALBERTA
COLLABORATIVE BACCALAUREATE
NURSING PROGRAM**

Grande Prairie Regional College

Keyano College

Red Deer College

University of Alberta



NURSING 2150

EC

2013 – 2014 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 2014**



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

INSTRUCTOR:	Dory Dooley BN RN MN	PHONE:	Office (780) 539-2891
OFFICE:	H227	E-MAIL:	ddooley@gprc.ab.ca
OFFICE HOURS:	Consult individual instructor		

PREREQUISITE(S)/ COREQUISITE: Nil

REQUIRED TEXT/RESOURCE MATERIALS:

Textbook:

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

Online Resources:

Alberta College of Pharmacists. (2012). *Alberta drug schedules*. Retrieved from <https://pharmacists.ab.ca/nPharmacistResources/ABDrugSchedules.aspx>

Alberta Health Services. (n.d). *Medication reconciliation elearning module for AHS staff and physicians*. Retrieved from <http://www.albertahealthservices.ca/8171.asp>

Canadian Pharmacists Association. (2013). *The electronic compendium of pharmaceuticals and specialties (e-CPS)*. Retrieved from <http://www.gprc.ab.ca/library/databases/list.html?cat=275>

RECOMMENDED TEXTBOOKS AND RESOURCES:

A Nursing Drug Guide [book, computer program, or hand held application] or the e-CPS.

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* (2nd ed.). Toronto: Elsevier.

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). Examples from specific drug classes will be used to illustrate how the principles involved in pharmacotherapeutics need to be incorporated into professional nursing practice. 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 per unit 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.

Contact Information

Our communication will be carried out by Course e-mail, News Forum (General News and Announcements), Orientation Video, and Moodle Discussion Forums; on-site visits to my office or by phone can occur if you require assistance. I will respond to e-mails within 48 hours (Monday to Friday). Calls and emails received on the weekends and stat holidays will be returned on the next business day.

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 **Left Hand** side of the page; **Click Support and then Click Student Support** from the drop down menu to go to the **Student Technical Support Page**. Then **Click Technical Requirements** to view GPRC's Online Distance Education Courses Technical Requirements.

Also on the Student Technical Support page; **Click Browser Check**. 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]. (During this **Browser Check**; please make sure you have the latest version of **Java installed** on your computer (free download available here:

<http://www.java.com/en/download/index.jsp>), **Windows Media Player**, and **QuickTime Player**).

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**, go to <http://moodle.gprc.ab.ca/> On the top **Left Hand** side of the page; **Click Support and then Click Student Support** from the drop down menu. Then **Click Moodle Support**. For additional assistance, drop in and ask for assistance at the Library Information desk.

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> 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 Students Online and 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_W14**.

OBJECTIVES:

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

1. Demonstrate an understanding of ¹ 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**

¹ ‘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:**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 Grading Conversion Chart.

GRADING CONVERSION CHART			
ALPHA GRADE	PERCENTAGE CONVERSION (%)	4-POINT EQUIVALENT	DESCRIPTOR
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 2013-2014 Academic Calendar at https://www.gprc.ab.ca/files/forms_documents/20132014_Calendar_Mar_20_2013.pdf for the Grading Policy and the Progression Criteria in the Bachelor of Science in Nursing program.

EVALUATIONS:

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 quizzes** valued at **10% each**. (Total: **60%**). **These consist of 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 3 days, from 0800 on Day 1 to midnight on Day 3.** Once you log on, you will have **1 hour** to complete it. You **cannot** partially complete it and return later. **When completed, you will submit the Quiz on-line** (i.e. Click Next at the bottom of the Quiz page and then Click Submit all and finish). Your grades will be automatically entered into the Moodle grade book.
Note: You can access the Quizzes through links in **Unit 2, 4, 6, 8, 10, and 12** [Links are also available in **Quizzes and Final Exam**]. **Note: Quiz #1 has an extended time limit of 1 ½ hours.**
2. Final Examination: **30% (75 multiple choice questions)** *refer to the Student Handbook for procedures for exams. **Content: Unit 1-12.** 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 **4 days**, but once you log on, you will have **1 1/2 hours** to complete it. You **cannot** partially complete it and return later. **When completed, you will submit the Exam on-line** (i.e. Click Next at the bottom of the Exam page and then Click Submit all and finish). Your grade will be automatically entered into the Moodle grade book. **This Exam can be taken anytime from 0800 April 21st to 2400hrs April 24th [During GPRC Final Exam Time Period – April 16th – 28th].** **Note:** You can access the Final Exam through a link in **Unit 12** [Link also available in **Quizzes and Final Exam**].
3. Participation: Mid-term Self - Evaluation **5%**; Final Self – Evaluation **5%**. (Total: **10%**). You may log on anytime during the required period [mid-term and end of course] and complete the self-evaluation. But, once you log on you will have **1 attempt with no time limit.** You **cannot** partially complete it and return later. **When completed, you will submit the Self-Evaluation on-line** (i.e. Click Next at the bottom of the Self-Evaluation page and then Click Submit all and finish). Your grade will be automatically entered into the Moodle grade book.
Note: You can access the **Mid-term Self-Evaluation** through a link in **Unit 7** and the **Final Self-Evaluation** through a link in **Unit 12** [Also available under **Self-Evaluations**].

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 12. 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 unit**. That is:
 - a. Post my input into the discussion board forum **at least once each unit [answer required question[s] once per unit]**.
 - b. Respond to classmates online discussions **at least once each unit**.

Please Note: You are welcome to post to the discussion board past the assigned deadline. However, postings to the discussion board past the assigned deadline will not receive credit.

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 [including APA].

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.

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.

Nursing Program Policies and Dates:

Please refer to the 2013/14 Grande Prairie Regional College Calendar at <http://www.gprc.ab.ca/programs/calendar/> and the University of Alberta Collaborative Baccalaureate Nursing Program with Grande Prairie Regional College Student Handbook and/or the University Of Alberta Faculty of Nursing Student Manual for specific nursing program policies and dates.

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 alpha grade for each calendar day (24 hours) that an assignment is submitted after the due date and time 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.

Please refer to Assignment Submission Policy and Late Assignment Policy at: <http://moodle.gprc.ab.ca/mod/resource/view.php?id=191334>

STATEMENT ON PLAGIARISM AND CHEATING:

Refer to the Student Conduct section of the Grande Prairie Regional College Calendar at <http://www.gprc.ab.ca/programs/calendar/> or the College Policy on Student Misconduct: Plagiarism and Cheating at <https://www.gprc.ab.ca/about/administration/policies/>

****Note: all Academic and Administrative policies are available on the same page.**

COURSE SCHEDULE/TENTATIVE TIMELINE:

Dates: January 7 – April 17, 2014; On-line through Moodle.

ORIENTATION

Orientation to Moodle and the Course will occur through a Video Orientation. You will have received instructions on how to log onto Moodle through a letter that you received via e-mail. Support information 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_W14**. **In the Course, just go to NS2150 Orientation, then Click the Video Link.**

Refer to Course Schedule on page 11-16.

Withdrawal Date: The withdrawal deadline for NS 2150 with permission is **Friday, March 7th, 2014** as per the GPRC 2013/2014 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* (2nd ed.). Toronto: Elsevier.

PLEASE NOTE: All Lilley et al. Textbook Chapter Readings, PowerPoint Presentations, the Alberta's Drug Schedules, and Medication Reconciliation e-Learning Module 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 7-20. [2 weeks].	<p>Course Orientation.</p> <p><u>Pharmacology Basics</u> Nursing Practice in Canada and Drug Therapy</p> <p>Drug Schedules</p> <p>Pharmacological Principles</p> <ul style="list-style-type: none"> ▪ Pharmaceutics ▪ Pharmacokinetics ▪ Pharmacodynamics ▪ Pharmacotherapeutics ▪ Pharmacognosy <p>Considerations for Special Populations</p> <p>Medication Errors</p>	<p>Review your Course Outline Review the Technical Requirements and do your Browser Check including JAVA update. Review Moodle Help View Video for Course Orientation</p> <p>Required Reading: Lilley et al. - Chapter 1: Nursing Practice in Canada and Drug Therapy Required Reading: Lilley et al. - PPT Ch.1</p> <p>Required Reading: Alberta Drug Schedules: https://pharmacists.ab.ca/nPharmacistResources/ABDrugSchedules.aspx</p> <p>Required Reading: Lilley et al. - Chapter 2: Pharmacological Principles Required Reading: Lilley et al.-Chapter 2-PPT Supplemental Reading: Canadian Trade Names and Generic Equivalents Learning Activity: First Pass Effect</p> <p>Required Reading: Lilley et al. - Chapter 3 – Considerations for Special Populations Required Reading: Lilley et al. - Chapter 3-PPT Supplemental Reading: Beers List - Potentially Inappropriate Meds for the Elderly Supplemental Reading: MotheRisk</p> <p>Required Reading: Lilley et al. - Chapter 5 – Medication Errors Required Reading: Lilley et al. - Chapter 5-PPT Required Reading: Medication Reconciliation e-Learning Module: http://www.albertahealthservices.ca/8171.asp [Complete both Modules: Introduction and Comprehensive.]</p> <p>Test your knowledge of Unit 1 in Clinical Connections.</p> <p>Complete and post the assigned questions for Unit 1; Chapter 1, AB Drug Schedules, Chapters 2, 3, 5 and Medication Reconciliation. [Discussion Forum]</p>	

<p>2 Jan 21-27.</p>	<p><u>Pharmacology Basics</u> OTC and NHP's</p> <p>Substance Abuse [Drugs of Addiction]</p> <p><u>Drugs affecting the CNS</u> Drugs for Control of Pain</p>	<p>Required Reading: Lilley et al.- Chapter 7: Over-the-Counter Drugs and Natural Health Products Required Reading: Lilley et al.- Ch.7 -PPT Supplemental Readings: American Botanical Council National Center for Complementary and Alternative Medicine Medline Plus: Herbs and Supplements Herbal and Alternative Therapies Public Health Agency of Canada Health Canada: Natural Health Products</p> <p>Required Reading: Lilley et al. - Chapter 9: Problematic Substance Use Required Reading: Lilley et al. - Ch. 9- PPT Supplemental Readings: Health Canada: Drugs and Health Products Canadian Network of Substance Abuse and Allied Professionals Centre for Addictions and Mental Health Drug Prevention Network of Canada Government of Canada: National Anti-Drug Strategy Learning Activity: Animations: How Drugs Work</p> <p>Required Reading: Lilley et al. - Chapter 11: Analgesic Drugs Required Reading: Lilley et al. -Ch.11-PPT</p> <p>Test your knowledge of Unit 2 in Clinical Connections.</p> <p>Complete and post the assigned questions for Unit 2; Chapters 7, 9, 11. [Discussion Forum]</p>	<p>Quiz #1 – [Content: Unit 1 and 2]. Available January 27th 0800hrs- January 29th 2400hrs. [Access through link in Unit 2 or Quizzes and Final Exam].</p>
<p>3 Jan 28- Feb 3.</p>	<p><u>Drugs Affecting the CNS</u> Drugs for Insomnia</p> <p>Drugs for Seizures</p> <p>Drugs for Parkinson's Disease</p>	<p>Required Reading: Lilley et al. - Chapter 13: Central Nervous System Depressants and Muscle Relaxants Required Reading: Lilley et al.-Ch.13-PPT Learning Activity: X-Word</p> <p>Required Reading: Lilley et al -Chapter 14: Anti-Epileptic Drugs Required Reading: Lilley et al -Ch.14-PPT</p> <p>Required Reading: Lilley et al. -Chapter 15: Antiparkinsonian Drugs Required Reading: Lilley et al. -Ch.15-PPT</p> <p>Test your knowledge of Unit 3 in Clinical Connections.</p> <p>Complete and post the assigned questions for Unit 3; Chapters 13, 14, 15. [Discussion Forum]</p>	

<p>4 Feb 4-10.</p>	<p><u>Drugs Affecting the CNS</u> Drugs for Anxiety, Emotional, and Mood Disorders</p> <p>Stimulants</p> <p><u>Drugs Affecting the Autonomic Nervous System</u></p>	<p>Required Reading: Lilley et al. -Chapter 16: Psychotherapeutic Drugs Required Reading: Lilley et al. -Ch.16-PPT</p> <p>Required Reading: Lilley et al. -Chapter 17: CNS Stimulant Drugs Required Reading: Lilley et al. -Ch.17-PPT</p> <p>Required Reading: Lilley et al. -Chapter 18: Adrenergic Drugs Required Reading: Lilley et al. -Ch.18-PPT</p> <p>Test your knowledge of Unit 4 in Clinical Connections.</p> <p>Complete and post the assigned questions for Unit 4; Chapters 16, 17, 18. [Discussion Forum]</p>	<p>Quiz #2 – [Content: Unit 3 and 4]. Available February 10th 0800hrs-February 12th 2400hrs. [Access through link in Unit 4 or Quizzes and Final Exam]</p>
<p>5 Feb 11-16. Feb 24.</p>	<p><u>Drugs Affecting the Autonomic Nervous System</u></p>	<p>Required Reading: Lilley et al. -Chapter 20: Cholinergic Drugs Required Reading: Lilley et al. -Ch.20-PPT</p> <p>Required Reading: Lilley et al. -Chapter 21: Cholinergic-Blocking Drugs Required Reading: Lilley et al. -Ch.21-PPT</p> <p>Test your knowledge of Unit 5 in Clinical Connections.</p> <p>Complete and post the assigned questions for Unit 5; Chapters 20, 21. [Discussion Forum]</p>	
<p>Feb 17</p>		<p>Family Day – No Classes</p>	
<p>Feb 18-21</p>		<p>Winter Break – No Classes</p>	
<p>6 Feb 25- March 3.</p>	<p><u>Drugs Affecting the Cardiovascular and Renal Systems</u> Drugs for Angina, MI and CVA</p>	<p>Required Reading: Lilley et al. -Chapter 22: Positive Inotropic Drugs Required Reading: Lilley et al. -Ch.22-PPT</p> <p>Required Reading: Lilley et al. -Chapter 23: Antidysrhythmic Drugs Required Reading: Lilley et al. -Ch.23-PPT</p> <p>Learning Activity: X-Word Learning Activity: Video: Arrhythmias</p> <p>Required Reading: Lilley et al. -Chapter 24: Anti-Anginal Drugs Required Reading: Lilley et al. -Ch.24-PPT</p> <p>Test your knowledge of Unit 6 in Clinical Connections.</p> <p>Complete and post the assigned questions for Unit 6; Chapters 22, 23, 24. [Discussion Forum]</p>	<p>Quiz #3 – [Content: Unit 5 and 6]. Available March 3rd 0800hrs-March 5th 2400hrs. [Access through link in Unit 6 or Quizzes and Final Exam]</p>

	<p><u>Drugs Affecting the Respiratory System</u></p>	<p>Required Reading: Lilley et al. -Chapter 37: Bronchodilators and Other Respiratory Drugs Required Reading: Lilley et al. -Ch.37-PPT Learning Activity: Dr. House: Inhaler Scene Learning Activity: Government of Alberta. Lung Health. Asthma: Using an Inhaler and Spacer. Learning Activity: Video: Asthma, Emphysema, Bronchitis</p> <p>Test your knowledge of Unit 9 in Clinical Connections.</p> <p>Complete and post the assigned questions for Unit 9; Chapters 31, 32, 37. [Discussion Forum]</p>	
<p>10 March 25-31.</p>	<p><u>Anti-Infective and Anti-Inflammatory Drugs</u></p> <p>Drugs for Bacterial Infections</p> <p>Drugs for Viral Infections</p>	<p>Required Reading: Lilley et al. -Chapter 38: Antibiotics, Part 1 Required Reading: Lilley et al. -Ch.38-PPT Required Reading: Lilley et al. -Chapter 39: Antibiotics, Part 2 Required Reading: Lilley et al. -Ch.39-PPT <u>The following Learning Activities apply to both Chapter 38 and 39</u> Learning Activity: X-Word Learning Activity: Video: Infection</p> <p>Required Reading: Lilley et al. -Chapter 40: Antiviral Drugs Required Reading: Lilley et al. -Ch.40-PPT</p> <p>Test your knowledge of Unit 10 in Clinical Connections.</p> <p>Complete and post the assigned questions for Unit 10; Chapters 38, 39, 40. [Discussion Forum]</p>	<p>Quiz #5 – [Content: Unit 9 and 10]. Available March 31st 0800hrs-April 2nd 2400hrs. [Access through link in Unit 10 or Quizzes and Final Exam]</p>
<p>11 April 1-7.</p>	<p><u>Anti-Infective and Anti-Inflammatory Drugs</u></p> <p>Drugs for TB</p> <p>Drugs for Fungal Infections</p> <p>Drugs for Inflammation and Rheumatic Conditions.</p>	<p>Required Reading: Lilley et al. -Chapter 41: Antitubercular Drugs Required Reading: Lilley et al. -Ch.41-PPT Supplemental Reading: TB Global Facts Supplemental Reading: TB Prevention and Control Guidelines–Alberta.</p> <p>Required Reading: Lilley et al. -Chapter 42 Antifungal Drugs Required Reading: Lilley et al. -Ch.42-PPT</p> <p>Required Reading: Lilley et al. -Chapter 45: Anti-inflammatory, Antiarthritic, and Related Drugs. Required Reading: Lilley et al. -Ch.45-PPT</p> <p>Test your knowledge of Unit 11 in Clinical Connections.</p> <p>Complete and post the assigned questions for Unit 11; Chapters 41, 42, 45. [Discussion Forum]</p>	

<p>12 April 8-14.</p>	<p><u>Drugs Affecting the Gastrointestinal System and Nutrition</u></p>	<p>Required Reading: Lilley et al. -Chapter 52: Acid-Controlling Drugs Required Reading: Lilley et al. -Ch.52-PPT</p> <p>Required Reading: Lilley et al. -Chapter 53: Antidiarrheal Drugs and Laxatives Required Reading: Lilley et al. -Ch.53-PPT</p> <p>Required Reading: Lilley et al. -Chapter 54: Anti-Emetic and Antinausea Drugs Required Reading: Lilley et al. -Ch.54-PPT Supplemental Reading: Pharmacological Management of Chemo-Induced Nausea and Vomiting Article</p> <p>Test your knowledge of Unit 12 in Clinical Connections.</p> <p>Complete and post the assigned questions for Unit 12; Chapters 52, 53, 54. [Discussion Forum]</p>	<p>Quiz #6 – [Content: Unit 11 and 12]. Available April 14th 0800hrs-April 16th 2400hrs. [Access through link in Unit 12 or Quizzes and Final Exam]</p> <p>Complete Final Self-Evaluation [Access through link in Unit 12 or Self-Evaluations].</p> <p>Complete Course Evaluation [Access through link in Unit 12]</p>
<p>April 17</p>		<p>Course Ends</p>	
<p>April 21-24.</p>	<p>FINAL EXAMINATION</p>	<p>Final Exam: It will be available for 4 days, but once you log on, you will have 1 1/2 hours to complete it.</p>	<p>The Final Exam [Content: Unit 1-12] can be taken anytime from 0800 April 21st to 2400hrs April 24th. [Access through link in Unit 12 or Quizzes and Final Exam].</p>