

INTRODUCTION TO PATHOLOGY 2420A – PATHOLOGY FOR NURSING STUDENTS

Course Coordinator
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Pathology 2420a is an introductory survey course of pathology - the study of disease. The objectives of this course are to give you some of the descriptive vocabulary and medical terminology used to describe disease and disease processes and a basic understanding of disease processes, their mechanisms, and the connection between clinical signs and symptoms and underlying pathology.

The course is being given to both Fanshawe and UWO nursing students concurrently as an online course. That means that YOU determine when and how much time you spend on the course. A weekly guide to the material is provided in the Calendar and you will be responsible for taking a weekly Quiz on that material to keep you on track in your studies (quizzes are worth 20% of your final mark). In addition a weekly tutorial will be held on each campus to answer your questions about the material and to highlight areas of particular relevance.

The course will begin with general pathology - an introduction to processes such as injury, inflammation & repair, immunity, and neoplasia that are common to many organ systems. The second half of the course will discuss diseases of specific organ systems - systemic pathology - and how each of these basic pathological processes are seen in that organ system.

LEARNING RESOURCES

Course Notes: These are available online through the OWL-Sakai site at Western University.

Logging on to OWL – go to <https://owl.uwo.ca>

Login to OWL using your Western name and password. Fanshawe College students you will need to login with your UWO/Western user name and password as well (you should have received these last year for access to your Physiology course material).

Complete documentation on OWL can be obtained through the “OWL Documentation Site” (a link is provided on the OWL entrance page). <https://owl.uwo.ca/portal/site/owldocs>

If you have technical difficulties in accessing the course, course material or the weekly quizzes please call **the Helpdesk at x83800 from on campus or 519-661-3800 from off campus**. See http://www.uwo.ca/its/get_help/index.html for further help.

A list of online courses in which you are enrolled will appear in the tabs across the top of the page - this course appears as "PATHOL 2420 200 FW16" for Western students and "PATHOL2420A 600 FW16" for Fanshawe College students.

Attention Students

When you are signed into OWL, your courses are listed as tabs across the top of OWL or under the More Sites drop-down menu.

If you do not see the course that you are looking for, sign into [Student Center](#) to confirm you are enrolled in the course. If you are enrolled and you still do not see the course, contact the instructor; he or she may not have published the online course in OWL yet.

OWL was upgraded at the end of August

Updates include:

- MathJax support
- SCORM 2004 3rd Edition support in all worksites
- Support for inline submissions and multiple attachments for the Turnitin option in Assignments
- Streamlined guest-account creation and password resets
- Interface and performance improvements
- And more...

For more information, check out the [OWL Release Notes](#) for details.
If you have any questions or experience any issues, please email owl@uwo.ca.

On the **Home page** you will see various links on the left hand navigation menu that direct you to different sections that include: the set of modules and notes under **Course Content**; a series of **Case Studies**; weekly quizzes through "**Test & Quizzes**"; the discussion area or **Forum**; access to your **Gradebook**; and a **Schedule** or **Calendar** that outlines all upcoming tutorials and quizzes.

Pathology for Nursing Students

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The course will begin with general pathology - an introduction to processes such as injury, inflammation & repair, immunity, and neoplasia that are common to many organ systems. The second half of the course will discuss diseases of specific organ systems - systemic pathology and how each of these basic pathological processes are seen in that organ system.

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Calendar C

September 2016

Sun	Mon	Tue	Wed	Thu	Fri	Sat
28	29	30	31	1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	1

The course is divided into roughly equal halves - the first section on General Pathology and the second section on Systemic Pathology. There is a lot of material to cover in the course! Within each of these sections there are 6 individual modules or lessons that you are responsible for going through at the rate of one per week. The calendar has been set up to indicate for each week which module you should be studying and the weekly tutorial (held on Friday mornings this year) will address issues on that topic. The quiz on that material will be open each Friday at 1 PM and be available all week until the next Thursday at 5 PM). This should keep you on track in terms of your studying and time management.

You will **access your weekly quizzes under Tests & Quizzes or via a Quiz icon on the Module** page when they are made available to you.

Course Content

[Index of pages](#)

General Pathology


In the first half of the course we will look at general pathological processes underlying human diseases. We will cover six topics including:


- Overview and Causes of Disease
- Cell Injury and Cell Death
- Inflammation, Healing & Repair
- Immune Disorders
- Neoplasia
- Disturbed Blood Flow


Each module consists of a set of notes with objectives and key terms, a case study(ies) to illustrate the concepts discussed and a weekly quiz.


Mid-term Exam


The exam will cover material from the first 6 modules - on General Pathology.


 [Module 1 - Introduction / Causes of Disease](#)

 [Module 2 - Cell Injury and Cell Death](#)

 [Module 3A - Inflammation](#)

 [Module 3B - Healing and Repair](#)

 [Module 4 - Immune Disorders](#)

 [Module 5 - Neoplasia](#)

 [Module 6 - Disturbed Blood Flow](#)

For example, during the week you should review the notes and any case studies for the Module and bring any questions you might have to the tutorial. The quiz will open after the Friday tutorial and you can answer the questions at any time before the end of day on Thursday. Once you've opened the quiz you will only have one hour to complete and submit the 10 quiz questions. Once you've submitted the quiz the correct answers, feedback and your score will be returned to you. I would urge you to stay on top of the readings and notes and not leave the quiz to the last minute. And please read ahead so you can bring your questions to the tutorial session.

Please use the Forum area to post any questions you might have on the module. [Note: questions that pertain directly to quiz questions will not be answered until after the quiz has closed.]

For example, Module 1 on Causes of Disease is available to you now and at the Friday (Sept 9) tutorials we'll review the scope and study of pathology and which diseases cause illness and/or death of Canadians. The quiz on Module 1 will open at 1 PM and normally you will have until the next Thursday at 5 PM to submit the quiz.

[Note: During the first week we will open Quiz 1 – Causes of Disease – prior to the tutorial on Sept 9, 8:00am and allow an unlimited number of attempts to take the quiz to insure that everyone can access and submit the quiz successfully before it closes in Thursday, Sept 15 at 5 pm. Please note that normally you will only have one attempt and a 1 hour period to take the on-line quiz.]

During the next week of September 12th you should complete Quiz 1 and start reviewing the notes on how cells adapt to stress or injury in Module 2 – Cell Adaptation, Injury & Cell Death. Bring your questions to the tutorial session on Module 2 (on Friday, Sept 16th). Quiz 2 on Cell Injury will open on Friday, Sept 16 at 1 pm and will be available until the following Thursday, Sept 22 at 5 PM and similarly for all subsequent modules. We'll run through the procedure in the first tutorial session.

Text: The required text for this course is "Robbins Basic Pathology", 9th edition by Kumar et al published in 2013 It is available at the Western and Fanshawe College bookstores. On the Objectives page of each lesson module you are given the page numbers of the text that are relevant and correspond to the material in your notes.

A medical dictionary such as Dorland's or Stedman's Pocket Medical Dictionary is often helpful for students new to medical terminology. A link to a **glossary of medical terms** will be included on the OWL site.

Tutorials - a weekly tutorial has been scheduled on Fridays

- 8:00 - 9:00 a.m. for the Fanshawe College students in R1020

And

- Noon – 1 pm for the Western students in SSC 2028.

TUTORIAL SESSIONS WILL CONCENTRATE ON CLARIFYING YOUR QUESTIONS ABOUT THE MATERIAL. THESE ARE NOT MEANT TO BE MINI-LECTURES - THE TUTORIALS ARE PRIMARILY FOR CLARIFICATION OR HELP WITH PROBLEMS THAT ARISE WHILE REVIEWING THE MATERIAL AND TO GUIDE YOU IN YOUR OWN STUDY.

In the first tutorial we will run through the OWL resources and the first module and how to access and take the quiz.

Forum / Discussion groups for discussion and questions related to the material. The OWL site contains a discussion area that will be used to post announcements and ongoing discussion or questions related to the week's topic. This forum area is open to all. Students may post questions on the weekly learning material via the forum – the TA and myself will be monitoring that on a daily basis. I urge you to make use of the discussion board and to post any questions that you may have as you go through the material. Your fellow students may have the same question!

EVALUATION & EXAMINATIONS

Weekly quizzes are set for each lesson. You should first read the notes, then go to your text for more details or clarification of points raised in the notes, review the key terms and objectives and be sure you can answer them and then take the quiz. You will have access to the quiz for a week following each tutorial but once opened you will have only 1 hour to take and submit the quiz. All of the quizzes are worth 20% of your final grade. We'll be running through the quiz procedure in the first tutorial.

Examinations - There will be two examinations (a mid-term and a final) each worth 40% of the final mark. **The mid-term examination will be held on Saturday, October 22, 1:00 pm to 3:00 pm at Western University, Natural Sciences Centre (NSC) Room 145.** The mid-term examination will cover the material in the first half of the course - the section on "General Pathology". This exam will account for 40% of your final mark.

The final exam (to be held during December exam period) will account for the remaining 40%. The final examination questions will concern the material covered after the mid-term ("Systemic Pathology"). While not being explicitly tested on material from before the mid-term, you should keep in mind that understanding of the pathology of specific organ systems builds on your knowledge of the general disease processes!

All examinations are multiple choice. Both standard and K type (multiple-multiple) questions will be included.

All nursing students (from Western and Fanshawe College) will be writing the examination on the UWO campus.

- Special examination arrangements must be negotiated with WESTERN or FANSHAWE Services for Students with Disabilities and must be done so well before the time of the examination(s). We recognize that occasionally illness or family emergencies may necessitate deferral of

examinations for individual students. In the case of illness, documentation MUST be provided by your doctor or Western Student Health Services using the form required by the Dean's Office. The required medical form can be downloaded from <http://www.uwo.ca/univsec/handbook/appeals/medicalform2008.pdf>. Please refer to the University's Academic Handbook for the policy on accommodation for medical illness (<http://www.uwo.ca/univsec/handbook/appeals/medical.pdf>).

Whenever possible the student should try to provide notification and documentation well in advance of the scheduled examination date. The student is required to follow-up with the Professor and their Academic Counsellor in a timely manner.

Attendance at both examinations is expected and appropriate documentation must be provided if you miss either examination (e.g. the completed medical note form; etc). In accordance with the university's Senate policy "If a student fails to write a scheduled Special Examination, permission to write another Special Examination will be granted only with the permission of the Dean in exceptional circumstances and with appropriate supporting documents. In such a case, the date of this Special Examination normally will be the scheduled date for the final exam the next time the course is offered."

Please note that cheating during examinations will not be tolerated. Cheating is considered a serious scholastic offence and may result in receiving a grade of "0" on the examination and failure in the course and a record of the offence placed in your scholastic record. Remember it is also YOUR RESPONSIBILITY to see that no one views your score sheet during the examination. For information on WESTERN's policy on scholastic offences refer to the Student Handbook or <http://www.uwo.ca/univsec/handbook/appeals/scholoff.html> (Scholastic Discipline & Academic Sanctions).

QUESTIONS/CONTACT INFO:

Questions regarding the course content and course material can be directed to me or the graduate teaching assistant for this course.

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Emily Kyle, PA Graduate student, Pathology & Laboratory Medicine, UWO
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Questions regarding administrative details can be directed to:
Cheryl Campbell, Western University's Department of Pathology & Laboratory Medicine
cheryl.campbell@schulich.uwo.ca (519-661-2111 ext. 86389).

Questions regarding technical problems or IT difficulties should be directed to the Western University ITS Help Desk at 519-661-3800 or help.desk@uwo.ca.