PATHOLOGY 9240A

UNDERSTANDING DISEASE
Department of Pathology and Laboratory Medicine
Schulich School of Medicine & Dentistry
University of Western Ontario

COURSE COORDINATOR(S):
Dr. Emily Goebel  egoebel2@uwo.ca

GRADUATE PROGRAM COORDINATOR:
Tracey Koning  tkoning@uwo.ca

COURSE EXPECTATIONS:
Western students are expected to follow the Student Code of Conduct. This Code sets out the standards of conduct expected of students and holds individuals responsible for the consequences of their actions. Failure to fulfill these responsibilities may result in the withdrawal of privileges or the imposition of sanctions.

☒ All course materials created by the coordinator(s)/instructor(s) are copyrighted and cannot be distributed or sold.
☒ Recordings are not permitted (audio or video) without explicit permission.
☒ Permitted recordings are not to be distributed.

INTEGRITY PLEDGE:
Academic honesty and integrity are an important part of being a scholar in the Department of Pathology and Laboratory Medicine at Western University. By enrolling in this course, students are obliged to:

☒ fully observe the rules governing exams, tests/quizzes, and assignments regarding resource material, electronic aids, copying, collaborating with others, or engaging in any other behaviour that subverts the purpose of the exam/test/quiz or assignment and the directions of the course instructor.
☒ submit work done specifically for the assignment, and not to borrow work either from other students, or from assignments for other courses.
☒ give full and proper credit to sources and references, and to acknowledge the contributions and ideas of others relevant to academic work.
☒ to complete ‘individual assignments’ individually, and neither to accept nor give unauthorized help to others.
☒ to report any observed breaches of academic honesty.
COURSE DESCRIPTION:

Pathology 9420A 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 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/COURSE OBJECTIVES:

Upon completion of this course, students will be able to:

1. Define morbidity and mortality and distinguish between them. Have a general understanding of which diseases/disorders cause the greatest mortality and morbidity.
2. Understand and be able to define commonly used terms and vocabulary used to describe various aspects of disease.
3. Discuss broadly the causes of disease and the categories under which they can be considered.
4. Describe pathological mechanisms underlying disease processes.
5. Understand the clinical manifestations of pathological processes in organ systems.

COURSE MATERIAL/RESOURCES:

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

Text: The recommended text for this course is "Robbins Basic Pathology", 10th edition by Kumar et al published in 2017. It is available at the Western bookstore. 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.

TECHNICAL REQUIREMENTS:

Stable internet connection Laptop or computer
MODE AND COURSE DELIVERY:

This course will be completely online. Course notes and other material will be provided through OWL. Virtual (live) sessions will be held for tutorials. Students may be expected to complete work, prior to attending sessions.

<table>
<thead>
<tr>
<th>Mode</th>
<th>Dates</th>
<th>Time</th>
<th>Attendance</th>
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<tbody>
<tr>
<td>Virtual synchronous¹</td>
<td>Friday</td>
<td>12:00 – 1:00 pm</td>
<td>Optional²</td>
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<tr>
<td>Virtual asynchronous³</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
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¹A schedule will be posted; ²Attendance and participation is optional; ³Course material will be posted on OWL.

Remote sessions may be scheduled through Zoom Cloud Meetings, Microsoft Teams, Cisco Webex, or other online/cloud meeting platform.

All course material will be posted to OWL: http://owl.uwo.ca. Any changes will be indicated on the OWL site and discussed with the class.

If students need assistance, they can seek support on the OWL Help page. Alternatively, they can contact the Western Technology Services Helpdesk. Western Technology Services can also be contacted by phone at 519-661-3800 or ext. 83800.

Google Chrome or Mozilla Firefox are the preferred browsers to optimally use OWL. Students interested in evaluating their internet speed, please click here.

EVALUATION:

<table>
<thead>
<tr>
<th>Component</th>
<th>% of Final Grade</th>
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<tbody>
<tr>
<td>Weekly quizzes</td>
<td>20</td>
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<tr>
<td>Midterm examination</td>
<td>40</td>
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<tr>
<td>Final examination</td>
<td>40</td>
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Weekly quizzes are set for each lesson/module. Students will first review the learning module, read the notes and the case study, then consult the text for details or clarification of points raised from the reading. Students will have access to the quiz for a week following each tutorial but once opened, students will have only 1 hour to take and submit the quiz.
The mid-term examination will be held at the end of October. The mid-term examination will cover the material in the first half of the course - the section on "General Pathology".

The final exam (held during the December exam period) will cover material after the mid-term ("Systems Pathology").

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

**MISSED WORK AND LATE ASSIGNMENTS:**

☒ If a student misses an assignment, a presentation or other course deadline, they will be subject to the penalties outlined in this course syllabus, unless they have made prior arrangements with the course coordinator and instructor.

☒ Missed/late quizzes without self-reported absences will be assigned a mark of 0%.

☒ Late quizzes with self-reported absences should be submitted within 24 hours of last self-reported absence.

☒ Missed exams will be assigned a mark of 0%, unless accommodation has been requested and alternate arrangement have been made prior to the deadline.

**ADDITIONAL INFORMATION & STATEMENTS**

**Statement on Use of Electronic Devices:**
Tablets and computers are permitted in the class/learning sections. Students are also permitted to use their own computers when delivering a presentation in class.

For all tests, quizzes, and exams taken in-person, it is the policy of the Schulich School of Medicine & Dentistry that any electronic devices, i.e., cell phones, tablets, cameras, or iPod are strictly prohibited.

**Students support:**
Students who are in emotional/mental distress should refer to [Mental Health@Western](https://www.uwo.ca/univsec/pdf/mental_health@western.pdf) for a complete list of options about how to obtain help.

**Academic offenses:**
Scholastic offences are taken seriously, and students are directed to read the appropriate policy; specifically, the definition of what constitutes a Scholastic Offence, at the following Web site: [https://www.uwo.ca/univsec/pdf/academic_policies/appeals/scholastic_discipline_grad.pdf](https://www.uwo.ca/univsec/pdf/academic_policies/appeals/scholastic_discipline_grad.pdf)

All required papers and reports may be subject to submission for textual similarity review to the commercial plagiarism detection software under license to the University for the detection of plagiarism. All papers and reports submitted for such checking will be included as source documents in the reference database for the purpose of detecting plagiarism of papers/reports subsequently submitted to the system. Use of the service is subject to the licensing agreement,
currently between The University of Western Ontario and Turnitin.com (http://www.turnitin.com).

Computer-marked multiple-choice tests and/or exams may be subject to submission for similarity review by software that will check for unusual coincidences in answer patterns that may indicate cheating.

**Academic accommodation:**
Students seeking accommodation must make timely, formal requests and provide relevant medical or psychological documentation sufficient to allow the University to determine whether they qualify for academic accommodation and what kind of accommodation might be required. Students should consult SAS website for the required documentation and kinds of accommodation (http://www.sdc.uwo.ca/ssd/academic_accommodation/index.html).

**Absence for non-medical reasons:**
Absences (presentations and assignments) may be permitted for compassionate reasons. However, documentation is required and must be submitted by the student directly to the course coordinator. The coordinator will determine if accommodation is warranted.

**Accessibility Statement:**
Please contact the course coordinator if you require material in an alternate format or if you require any other arrangements to make this course more accessible to you. You may also wish to contact Student Accessibility Services (SAS), provided by the Student Development Centre (SDC) at Western for specific questions.

**Copyright and Audio/Video Recording Statement:**
Course material produced by faculty is copyrighted and to reproduce this material for any purposes other than your own educational use contravenes Canadian Copyright Laws. You must always ask permission to record another individual and you should never share or distribute recordings.

**Correspondence Statement:**
The centrally administered e-mail account provided to students will be considered the individual’s official university e-mail address. It is the responsibility of the account holder to ensure that e-mail received from the University at his/her official university address is attended to in a timely manner. You can read about the privacy and security of the uwo email accounts here.