CAPS390

HUMAN MICROSCOPIC ANATOMY (Fall 2022, 3 credits)

Course Directors: Dr. T. O'Connor, Life Sciences Centre, Rm. 3357, Dr. G. Tanentzapf, Life Science Centre, Rm. 2404.

Lec #		Day	Subject	Chapter	Lecturer
01	Wed	Sept 07	Introduction	1	Tanentzapf
02	Fri	Sept 09	Cell Structure I (Membranes)	2,3	Weidberg
03	Mon	Sept 12	Cell Structure II (Cytoplasm/Nucleus)	2,3	Weidberg
04	Wed	Sept 14	Cell Structure III (Transport)	2,3	Weidberg
05	Fri	Sept 16	Cell Adhesion ***Open Online Practice Quiz***	2,5	Tanentzapf
06	Mon	Sept 19	Extracellular Matrix	4	Tanentzapf
07	Wed	Sept 21	Epithelium & Connective Tissue	5,6	Tanentzapf
08	Fri	Sept 23	Muscle I (Skeletal)	8	Moukhles
09	Mon	Sept 26	Muscle II (Cardiac/Smooth)	8	Moukhles
10	Wed	Sept 28	Nerve I	9	Viau
11	Fri	Sept 30	Nerve II	9	Viau
12	Mon	Oct 03	Cartilage	7	Roskelley
13	Wed	Oct 05	Bone	7	Roskelley
14	Fri	Oct 07	Blood ***Open Online Quiz #1 (10% of grade)***	10	Roskelley
	Mon	Oct 10	*Thanksgiving (No Lecture)*		
15	Wed	Oct 12	Hematopoiesis	10	Roskelley
16	Fri	Oct 14	Circulatory System	11	Roskelley
	Mon	**Oct 17**	**MIDTERM EXAM *(40 Questions, 20% of Grade)***		
17	Wed	Oct 19	Lymphoid System	12	Roskelley
18	Fri	Oct 21	Skin	14	Roskelley
19	Mon	Oct 24	Endocrine I	13	Viau
20	Wed	Oct 26	Endocrine II	13	Viau
21	Fri	Oct 28	Endocrine III	13	Viau
22	Mon	Oct 31	Urinary I	17	Orr
23	Wed	Nov 02	Urinary II	18	Orr
24	Fri	Nov 04	Respiratory I (Upper) ***Open Online Quiz #2(10% of grade)***	15	Kopp
25	Mon	Nov 07	Respiratory II (Lower/Respiratory)	15	Kopp
	Wed	Nov 09	*Midterm Break (No Lecture)*		
	Fri	Nov 11	*Remembrance Day (No Lecture)*		
26	Mon	Nov 14	GI I (Oral Cavity)	16	Kopp
27	Wed	Nov 16	GI II (Alimentary Canal)	17	Kopp
28	Fri	Nov 18	GI III (Glands)	18	Kopp
29	Mon	Nov 21	Development I (Primary Germ Layers)	19	O'Connor
30	Wed	Nov 23	Development II	20	O'Connor
31	Fri	Nov 25	Male Repro I	20	Vogl
32	Mon	Nov 28	Male Repro II	21	Vogl
33	Wed	Nov 30	Female Repro I	20	Yule
34	Fri	Dec 02	Female Repro II ***Open Online Quiz #3 (10% of grade)***	20	Yule
35	Mon	Dec 05	Review/Exam Prep (final exam is cumulative)	Notes	Tanentzapf
Exam Period		**Date TBA**	**FINAL EXAM *(100 Questions, 50% of Grade)***		

CAPS390

Human Microscopic Anatomy
(Fall 2020, 3 credits)

A Lecture Course: examining the microscopic structure and function of cells, tissues and organs (histology).

This is a team-taught course with each faculty member teaching their area of expertise. While we have coordinated our approach, there will be subtle variation in style by each of your teachers.

Course material and communication will occur through the UBC Learning Management System (LMS) **Canvas**. Further details of online resources & tools to be used will be provided at the beginning of term.

Textbook:

Title:	(Color) Textbook of Histology 4th Edition (3rd Edition OK)
Authors:	LP Gartner
Publisher:	Saunders Elsevier, ISBN 978-1-4160-2945-8

Website: UBC Canvas (syllabus, lecture powerpoint PDFs), Piazza (Bulletin board)

Course Directors:

Tim O'Connor, Life Sciences Building, jimo@mail.ubc.ca
Guy Tanentzapf, Life Sciences Building, tanentz@mail.ubc.ca

TA's: TBD

Lecturers:

Dr. Hilla Weidberg	Cell Structure
Dr. Guy Tantentzapf	Cell Adhesion, Extracellular Matrix, Epithelium
Dr. Hakima Moukhles	Muscle
Dr. Tim O'Connor	Lymphoid Systems, Development
Natasha Orr	Urinary
Dr. Victor Viau	Nervous Tissue, Endocrine
Dr. Wayne Vogl	Male Reproduction
Dr. Heather Yule	Female Reproduction
Dr. Cal Roskelley	Connective Tissue, Cartilage, Bone, Blood, Hematopoiesis, Circulatory,
Dr. Janel Kopp	Gastrointestinal, Respiratory

Quizzes and Exams:

- All Quizzes and Exams are mandatory
- Exam marks will only be deferred with doctor's note due to illness, demonstrable hardship/scheduling conflict, or prior permission of the course director
- Deferred status for the course will only be granted on the recommendation of the student's faculty

Online Quizzes	3	20 Questions (10 % of course mark per quiz)	30% of Total Course Mark
Midterm Exam		40 Questions (mix of mult. choice & short answers)	20% of Total Course Mark
Final Exam (cumulative)		100 Questions (mix of mult. choice & short answers)	50% of Total Course Mark

Students are reminded that they are expected to follow the principles outlined in the UBC Statement of Academic Integrity.

UBC Statement of Academic Integrity

The academic enterprise is founded on honesty, civility, and integrity. As members of this enterprise, all students are expected to know, understand, and follow the codes of conduct regarding academic integrity. At the most basic level, this means submitting only original work done by you and acknowledging all sources of information or ideas and attributing them to others as required. This also means you should not cheat, copy, or mislead others about what is your work. Violations of academic integrity (i.e., misconduct) lead to the

breakdown of the academic enterprise, and therefore serious consequences arise and harsh sanctions are imposed. For example, incidences of plagiarism or cheating may result in a mark of zero on the assignment or exam and more serious consequences may apply if the matter is referred to the President's Advisory Committee on Student Discipline. Careful records are kept in order to monitor and prevent recurrences.

COVID Safety:
For our in-person meetings in this class, it is important that all of us feel as comfortable as possible engaging in class activities while sharing an indoor space. Non-medical masks that cover our noses and mouths are a primary tool to make it harder for Covid-19 to find a new host. Please follow university guidelines on the wearing of non-medical masks during our class meetings, for your own protection, and the safety and comfort of everyone else in the class. If you have not yet had a chance to get vaccinated against Covid-19, vaccines are available to you, free. The higher the rate of vaccination in our community overall, the lower the chance of spreading this virus. You are an important part of the UBC community. Please arrange to get vaccinated if you have not already done so.

If you're sick, it's important that you stay home – no matter what you think you may be sick with (e.g., cold, flu, other). If you think you might have Covid symptoms and/or have tested positive for Covid and/or are required to quarantine: You can do a self-assessment for Covid symptoms here: https://bc.thrive.health/covid19/en
Do not come to class if you are sick, have Covid symptoms, have recently tested positive for Covid, or are required to quarantine. This precaution will help reduce risk and keep everyone safer. In this class, the marking scheme is intended to provide flexibility so that you can prioritize your health and still be able to succeed.

If you do miss class because of illness:

- Make a connection early in the term to another student or a group of students in the class. You can help each other by sharing notes. If you don't yet know anyone in the class, post on the discussion forum to connect with other students.
- Consult the class resources on Canvas. We will post all the pre-recorded lectures, slides, and class summaries for each class day.
- Use the Piazza discussion forum for help
- If you are concerned that you will need to miss a particular key activity due to illness, contact us to discuss.

If you are sick on a midterm exam day, please email the instructor as soon as you are confident you should not come to the scheduled exam. We would strongly prefer that you contact us to make an alternate arrangement than for you to come to the exam while you are ill. If you do show up for an exam and you are clearly ill, we will make alternate arrangements with you. It is much better for you to email ahead of time and not attend.

If you are sick on a final exam day, do not attend the exam. You must apply for deferred standing (an academic concession) through Science Advising no later than 48 hours after the missed final exam/assignment. Students who are granted deferred standing write the final exam/assignment at a later date. Learn more and find the application online: https://science.ubc.ca/students/advising/concession

If the course instructors am sick: We will do our best to stay well, but if we are ill, develop Covid symptoms, or test positive for Covid, then we will not come to class. If that happens we will make sure students are still able to receive instruction in the material covered for that lecture or section.

Syllabus statement for Alternate Assessment Application:

> The expectation in this course is that major assessments (e.g. midterms, final exams) are written in person. You may be in a situation that prevents you from coming to campus (e.g. geographic location, medical or extenuating circumstances). If you are in this situation, you must apply for alternate format assessments through Science Advising. Application and more information available online. https://science.ubc.ca/students/blog/applying-alternate-format-assessments-online-courses