

COURSE OUTLINE

COURSE CODE: 4102_03

COURSE TITLE: An Introduction to Human Gross Anatomy

COURSE DESCRIPTION: If you want to learn about the structure of the human body, this intensive, 16-week online human anatomy course could be for you. Included are 17 hour-long video lectures from award-winning professors in the Faculty of Medicine, each covering a different lesson in human anatomy, including examples of medical applications. Assigned readings and problem-solving exercises will deepen your understanding of the human body, from tissues to the body wall and its contained organs, to the structure of our head, neck and limbs. You'll emerge with a greater appreciation of human anatomy, its complex relationships, and basic clinical applications.

INSTRUCTORS: Tania Alexson B.SC.H., M.SC., PH.D. (tania.alexson@utoronto.ca)
Barbara (Dee) Ballyk B.SC.H., M.SC., PH.D.
Michael J. Wiley M.SC., PH.D.

DATE/TIME: January 13th, 2025, to May 4th, 2025

REQUIRED TEXT(S): Gray's Anatomy for Students. Drake RL, Vogl AW and Mitchell AWM. 4th edition, 2019, Churchill Livingstone Elsevier.

RECOMMENDED TEXT(S) AND OTHER RESOURCES: N/A

PREREQUISITE(S)/ RECOMMENDATIONS: N/A

CERTIFICATE(S): This course is applicable to the following Certificates

Fundamentals of Biomedical Sciences I

LEARNING OUTCOMES:

By the end of this course, learners will be able to:

- understand the structure and function of the various tissue types that make up the human body.
- explore the structure of the body wall and the organs contained within its cavities, including those of the nervous, respiratory, cardiovascular, digestive, urinary, and reproductive systems.

COURSE PLAN:

COURSE PLAN					
UNIT	MODULE	WEEK (W)	LECTURE, QUIZZES and TUTORIALS	TEXTBOOK (Pages)	
I	INTRO		INTRODUCTORY TUTORIAL – Monday, January 13 at 7pm		
	1	1 Jan 13 - 19	Lecture - 01: Basic Tissues I - Epithelium & Ordinary Connective Tissue	None	
			Lecture - 02: Basic tissues II - Cartilage and Bone	None	
		QUIZ for Module 1 (Monday, January 13 at 9am to Thursday, January 27 at 7pm)			
		2 Jan 20 – 26	TUTORIAL for Module 1 (Thursday, January 23 at 7pm)		
	2	3 Jan 27 – Feb 2	Lecture - 03: Basic Tissues III - Muscle and Nerve	None	
			Lecture - 04: Lymphatic System	None	
			Lecture - 05: Vertebral Column	2-4 54-85 101-113	
			QUIZ for Module 2 (Friday, January 24 at 12pm to Thursday, February 6 at 7pm)		
	4 Feb 3 - 9	TUTORIAL for Module 2 (Thursday, February 6 at 7pm)			
	3	5 Feb 10 - 16	Lecture - 06: Thoracic Wall	126-130 138-159	
			Lecture - 07: Lungs and Pleura	159-184	
			Lecture - 08: Mediastinum I - Heart and Great Vessels	184-209 231-234	
			QUIZ for Module 3 (Friday, February 7 at 12pm to Thursday, February 20 at 7pm)		
	6 Feb 17 – 23	TUTORIAL for Module 3 (Thursday, February 20 at 7pm)			
	4	7 Feb 24 – March 2	Lecture - 09: Mediastinum II	209-235	
			Lecture - 10: Autonomic Nervous System	38-48	
		QUIZ for Module 4 (Friday, February 21 at 12pm to Thursday, March 6 at 7pm)			
	8 March 3 - 9	TUTORIAL for Module 4 (Thursday, March 6 at 7pm)			
	Test Period 1	9 March 10 - 16	Study Period		
Unit I Test (46.5%, M1 – M4) Thursday, March 13th (start time between 4-7pm EST)					



UNIT	MODULE	WEEK (W)	LECTURE, QUIZZES and TUTORIALS	TEXTBOOK (Pages)
II	5	10 March 17 - 23	Lecture - 11: Abdominal Wall and Peritoneal Cavity	268-306
			Lecture - 12: Stomach and Intestine	296-272 307-327 343-358
			QUIZ for Module 5 (Friday, March 14 at 12pm to Thursday, March 27 at 7pm)	
		11 March 24 - 30	TUTORIAL for Module 5 (Thursday, March 27 at 7pm)	
	6	12 March 31 - April 6	Lecture - 13: Liver, Gall Bladder, Pancreas and Spleen	269-272 328-342 343-357
			Lecture - 14: Kidneys, Ureters and Retroperitoneum	358-393
			QUIZ for Module 6 (Friday, March 28 at 12pm to Thursday, April 10 at 7pm)	
		13 April 7 - 13	TUTORIAL for Module 6 (Thursday, April 10 at 7pm)	
	7	14 April 14 - 20	Lecture - 15: Pelvis I	415-423 433-454 480-496
			Lecture - 16: Pelvis II	452-479 492-493
			Lecture - 17: Perineum	424-432 463-467 496-514
			QUIZ for Module 7 (Friday, April 11 at 12pm to Thursday, April 24 at 7pm)	
		15 April 21 - 27	TUTORIAL for Module 7 (Thursday, April 24 at 7pm)	
	Test Period 2	16 April 28 - May 4	Study Period	
			Unit II Test (32.5%, M5 - M7) Thursday, May 1 st (start time between 4-7pm EST)	

EVALUATIONS AND GRADES:

EVALUATIONS AND GRADING	
TYPE of EVALUATION (% Final Grade)	PARTICULARS
Tests (79%)	<p>Two, non-cumulative tests will occur during the course. Each test will consist of 40 multiple-choice questions covering everything within that unit, including quizzes and tutorials. The tests dates and times are fixed (see course outline for dates). Each test is 2hrs in duration with a start time between 4:00pm – 7:00 pm EST. The assessments will be invigilated. In the event that a student is granted permission to write a makeup (see missed test or examination policy below for procedures), the makeup tests for ALL tests (Units I and II) will be written on Friday, May 23rd, 2025 starting at 4:00pm EST. The same start times will apply for all makeup tests. Finally, the weight of each test is listed below.</p> <ul style="list-style-type: none"> • Unit I Test: Histology and Thorax (46.5%) • Unit II Test: Abdomen, Pelvis and Perineum (32.5%)
Online Quizzes (14%)	<p>Seven short, quizzes will be written online. Each quiz will cover the course content for that module. Both lectures and readings will be covered, but there will be a particular emphasis on the lecture material. Access to the quizzes is time-dependent and there is some variability so please ensure you check the dates above. The quizzes will open be open for ~13 days: opening Friday at 12:00pm (EST) and closing on Thursday at 7:00pm EST. The quiz can be written as many times as you like during this timeframe. Only your top mark for each quiz will be recorded. Each of those 7 quizzes will be worth 2% of your final grade for a total of 14%. There are NO makeup quizzes as you have 13 days to complete each quiz.</p>
Online Tutorials (7%)	<p>A 2-hour, live webinar will occur for each module on the indicated Thursdays starting at 7pm (EST). The online tutorials will review the module's quiz (areas of difficulty), address questions posted to the instructor, and—where necessary—review key concepts. Each tutorial you will receive a check (100%) based on your attendance and participation. Each of those 7 tutorial marks will be worth 1% of your final grade for a total of 7%. There are NO makeup tutorials.</p>

IMPORTANT NOTES REGARDING GRADES	
FINAL GRADE	<p>To view your final grade, please log into the “My Access – Student Login” at: www.learn.utoronto.ca/login. Please note that your final grade will not be posted on the LME.</p> <p>Academic Policies and Guidelines are located here: https://help.learn.utoronto.ca/hc/en-us/sections/207314307-Academic-Policies-and-Guidelines</p>
SCS GRADING SCALE	<p>A 80% to 100% Excellent B 70% to 79% Good C 60% to 69% Adequate D 50% to 59% Marginal FX Less than 50% INC Incomplete DNW Did not write</p>
NOTE	<p><i>Learners can expect to receive feedback and marks, if applicable, before the course end date, for all their submitted assignment(s) and term test(s) other than the final assessment, project or course paper. However, it is the sole responsibility of learners to make sure that they do get these marks from their Instructor and have all related questions answered before the course ends.</i></p>

COURSE FORMAT:

COURSE FORMAT	
DELIVERY FORMAT	DESCRIPTION OF FORMAT
Online with Real Time Meetings	<ul style="list-style-type: none"> • Instruction (location and format) <ul style="list-style-type: none"> ○ Lectures: A total of 17 lectures have been previously recorded and are available as on-demand live webinars. The student will be responsible for two to three lectures per module at the discretion of their schedule. Please note, no classes are provided at a physical location on campus. ○ <i>Tutorials</i>: A total of 7 tutorials will occur by live webinar. These are NOT previously recorded. In addition, attendance is mandatory. The tutorials will commence on Thursday evenings starting at 7pm EST (see course plan for details). ○ <i>Textbook Readings</i>: Students are expected to reinforce the online lecture material by reference to the textbook. While a greater emphasis will be given to the lecture and tutorial material, textbook readings have been given for ease of reference.
	<ul style="list-style-type: none"> • Course Administration and Learning Materials The course textbook is available in print and e-book formats. Additional course materials are provided by the instructor.
	<ul style="list-style-type: none"> • Communication & Interactivity: Learning activities are conducted during live webinars. There may also be additional instructional documents and videos provided by the instructor.
	<ul style="list-style-type: none"> • Instructor Communications You may communicate with your instructor <ul style="list-style-type: none"> ○ during live webinars (online tutorials). . ○ If a question has not been addressed during tutorial, then you are permitted to pose questions by email to: tania.alexson@utoronto.ca with the subject SCS 4102

CLASS CANCELLATIONS:

In the event that we have to cancel your class at the last moment due to weather, the illness of the instructor, etc., we will notify you as soon as possible. Please ensure that you have provided a daytime phone number or email in your student profile.

MISSED TEST or EXAMINATION POLICY:

This course follows the policies of both, the University of Toronto and the School Of Continuing Studies (SCS), for missed tests and assignments. Currently, the University of Toronto is temporarily suspending the need for a doctor's note or medical certificate for absences from academic participation. You are, however, responsible for contacting your instructors to request the academic consideration you are seeking. Record each day of your absence as soon as it begins, up until the day before you return to classes or other academic activities. For this particular course please inform the lead professor of the course, Dr. Alexson (rania.alexson@utoronto.ca), within 24 hours of the scheduled test/examination. If the professor is not notified within this time frame, the student may receive a grade of zero for that test/examination. Once the instructor has been notified, the instructor will formally inform the student that they may write the makeup test for that unit. Please note that the makeup tests for Units I and II will on Friday, May 23rd.

CODE OF CONDUCT:

All School of Continuing Studies learners are required to comply with the University of Toronto Code of Student Conduct and the Code of Behaviour on Academic Matters.

Information regarding all Academic Policies can be reviewed here:

<https://help.learn.utoronto.ca/hc/en-us/articles/235279047-Academic-Policies-and-Student-Code-of-Conduct>

ACADEMIC HONESTY:

Course work that is not appropriately cited may be in violation of the Code of Behaviour on Academic Matters (see above).

For guidelines about plagiarism and properly citing your sources, please visit:

<https://help.learn.utoronto.ca/hc/en-us/articles/115006427548-Academic-Honesty>

AUDIO/VIDEO RECORDINGS:

You are not permitted to record lectures or the live weekly tutorials without the written consent of your instructor(s).

COURSE MATERIAL:

You are not permitted to copy and distribute any part of the course material without the consent of the instructor(s). This includes any and all lecture notes provided to the student, quizzes, tutorial material and tests.

ACADEMIC ACCOMODATIONS:

If you require accommodation for a disability, please contact Student Services at 416-978-2400 or email learn@utoronto.ca to arrange this service. An Accommodation Request Form can be [found here](#).