

CLASS SYLLABUS



COURSE TITLE: AHLT 266 Intro to Sectional Anatomy
CLASS SECTION: DX01
TERM: S2021
COURSE CREDITS: 3
DELIVERY METHOD(S): Online Synchronous/Asynchronous

Camosun College campuses are located on the traditional territories of the Lək̓ʷəŋən and W̱SÁNEĆ peoples. We acknowledge their welcome and graciousness to the students who seek knowledge here.
Learn more about Camosun's [Territorial Acknowledgement](#).

The COVID-19 pandemic has presented many challenges, and Camosun College is committed to helping you safely complete your education. Following guidelines from the Provincial Health Officer, WorkSafe BC, and the B.C. Government to ensure the health and wellbeing of students and employees, Camosun College is providing you with every possible protection to keep you safe. Our measures include COVID Training for students and employees, health checks, infection control protocols including sanitization of spaces, PPE and ensuring physical distancing. For details on these precautions please follow this link: <http://camosun.ca/covid19/faq/covid-fags-students.html>. However, if you're at all uncomfortable being on campus, please share your concerns with your Instructor. If needed, alternatives will be discussed.

Camosun College requires mandatory attendance for the first class meeting of each course. If you do not attend, and do not provide your instructor with a reasonable explanation in advance, you will be removed from the course and the space offered to the next waitlisted student.

INSTRUCTOR DETAILS

NAME: Matthew Barbas
EMAIL: barbas@camosun.ca
OFFICE: CHW 317
HOURS: By appointment

As your course instructor, I endeavour to provide an inclusive learning environment. However, if you experience barriers to learning in this course, do not hesitate to discuss them with me. Camosun College is committed to identifying and removing institutional and social barriers that prevent access and impede success.

CALENDAR DESCRIPTION

Students explore three dimensional perspectives of the body using data from program relevant medical imaging studies. Emphasis is placed on relating body planes to regional anatomy and correlating these to anatomic landmarks used for patient positioning. Students learn how sectional imaging is used in various medical imaging modalities.

PREREQUISITE(S): n/a
CO-REQUISITE(S): n/a
PRE/CO-REQUISITE(S): C+ in All of: MRAD 156; MRAD 256 OR All of: B in Biology 12; C+ in MIDS 127

COURSE DELIVERY

ACTIVITY	HOURS / WEEK	# OF WEEKS	ACTIVITY HOURS
Lecture	2	14	28
Seminar			
Lab / Collaborative Learning	2	14	28
Supervised Field Practice			
Workplace Integrated Learning			
Online			
TOTAL HOURS			56

COURSE LEARNING OUTCOMES / OBJECTIVES

Upon successful completion of this course a student will be able to:

- describe specific anatomic relationships between the axial plane, relational anatomy, and surface features of the body.
- compare and contrast normal, variant, and abnormal anatomic representations on sectional images.
- predict how anatomic features will appear on orthogonal images and multi-planar reconstructions.
- discuss the value and limitations of sectional imaging as it pertains to diagnosing disease and trauma.

COURSE OBJECTIVES AND MAPPED PROFESSIONAL COMPETENCIES

(also known as “sub-outcomes” or “learning objectives”)

Sonography Canada Competencies:

Competencies Area:	Competencies:
	5.3d Interrogate anatomy in required planes of section.

REQUIRED MATERIALS & RECOMMENDED PREPARATION / INFORMATION

Kelley, L. L., & Petersen, C. (2013). *Sectional anatomy for imaging professionals*. Elsevier Health Sciences. (4th ed.)

Kelley, L. L., & Petersen, C. (2013). *Workbook Sectional anatomy for imaging professionals*. Elsevier Health Sciences. (4th ed.)

Desire-to-Learn (D2L):

D2L – the Camosun College online learning portal contains the remainder of the learning materials for this course. Students are expected to familiarize themselves with the online learning environment and all the features it has to make this course experience enriching. Log on at <https://online.camosun.ca/> to access these materials.

Additional resources may include, but are not limited to: lecture notes, PowerPoint slides, Laboratory Manuals, and hyperlinks. You may prefer to download lectures notes ahead of time (when available) and then write your notes directly onto copies of the slides. YouTube and other media services will also be used throughout the course via public domains.

D2L materials *must not* be considered your sole source of information. The materials in D2L simply summarize the main points and provide direction for your learning experiences. You may need to write down additional information in each lecture. Additionally, not all details can be covered in a lecture, and you will be required to refer to textbook material that is not discussed specifically in class.

Complete Anatomy iPad Application

As part of this course, an iPad will be supplied as a required item. The return of the iPad in useable undamaged condition is a gradable item that will be assessed as complete, or incomplete. Students must return the iPad and all supplies (charger, keyboard, case) by the completion of the course in order to get a complete grade in the course. Should the iPad not be returned, or, returned in a damaged condition that is irreparable or unusable, an \$800 replacement cost will be charged to the student. In order to take possession of the iPad, a contract needs to be signed upon taking possession of the iPad indicating device condition, device identification, acknowledgement of the conditions of use, as well as an understanding of the assumed risk.

COURSE SCHEDULE, TOPICS, AND ASSOCIATED PREPARATION / ACTIVITY / EVALUATION

The following schedule and course components are subject to change with reasonable advance notice, as deemed appropriate by the instructor.

Week	Dates	Module	Chapter	Quizzes	Learning Outcomes	Sonography Canada Competencies
1	Mon. May 3, 2021	Introduction to Sectional Anatomy	1	Practice Quiz (not graded)		
	Wed. May 5, 2021	LAB: Complete Anatomy Walkthrough and Tutorials				
2	Mon. May 10, 2021	Abdomen Part A	7	Reading 1	a,b,c,d	
	Wed. May 12, 2021	LAB: Abdominal Anatomy Part A				5.3d
3	Mon. May 17, 2021	Abdomen Part B	7	Reading 2	a,b,c,d	
	Wed. May 19, 2021	LAB: Abdominal Anatomy Part B				5.3d
4	Mon. May 24, 2021	Cranium & Brain	2 & 3	Reading 3	a,b,c,d	
	Wed. May 26, 2021	LAB: Cranium & Brain				5.3d
5	Mon. May 31, 2021	Spine & Neck	4 & 5	Reading 4	a,b,c,d	
	Wed. June 2, 2021	LAB: Spine & Neck				5.3d
6	Mon. June 7, 2021	Mid-Term Exam				
7	Mon. June 14, 2021	Upper Extremity Part A	9	Reading 5	a,b,c,d	

	Wed. June 16, 2021	LAB: Upper Extremity Part A				5.3d
8	Mon. June 21, 2021	Upper Extremity Part B	9	Reading 6	a,b,c,d	
	Wed. June 23, 2021	LAB: Upper Extremity Part B				5.3d
9	Mon. June 28, 2021	Thorax Part A	6	Reading 7	a,b,c,d	
	Wed. June 30, 2021	LAB: Thorax Part A				5.3d
10	Mon. July 5, 2021	Thorax Part B	6	Reading 8	a,b,c,d	
	Wed. July 7, 2021	LAB: Thorax Part B				5.3d
11	Mon. July 12, 2021	Pelvic Anatomy	8	Reading 9	a,b,c,d	
	Wed. July 14, 2021	LAB: Pelvic Anatomy				5.3d
12	Mon. July 19, 2021	Lower Extremity	10	Reading 10	a,b,c,d	
	Wed. July 21, 2021	LAB: Lower Extremity				5.3d
13	Mon. July 26, 2021 Wed. July 28, 2021	Exam Review/Flex Time				
14	Mon. Aug 2, 2021	BC Day (No Class)				
	Wed. Aug 4, 2021	Exam Review				
15	Final Exam Week					

STUDENT EVALUATION

DESCRIPTION	WEIGHTING
Reading Quizzes	15%
Labs	20%
Midterm Exam	30%
Final Exam	35%
	TOTAL 100%

If you have a concern about a grade you have received for an evaluation, please come and see me as soon as possible. Refer to the [Grade Review and Appeals](#) policy for more information.

Students must achieve a minimum of 65% for their final grade to pass the course and to use this course as a pre or co-requisite.

Quizzes

Quizzes will be completed on D2L learning management system and must be completed by the end of Friday night at 11:59 PM PST. There are a total of 10 quizzes.

Labs

In the lab component of the course, you will complete lab activities using the Complete Anatomy application on the iPads handed out to you. There will also be digital handouts to complete as well. The labs will run as self-directed activities, with the last 30 minutes to 60 minutes dedicated to a question and answer period. The completion and submission of lab activities will be used towards your lab mark.

Midterm Exam

The midterm exam will assess learning from lectures, textbook readings, and laboratory instruction from week one through week five. The exam format will consist of multiple choice, true or false and short answer questions.

Final Exam

The final exam will be cumulative and assess all learning from lectures, textbook readings, and laboratory instruction from week one through week twelve. The final exam will consist of multiple choice questions, true or false and short answer questions.

CLASS GUIDELINES & EXPECTATIONS

Lectures on Mondays will be online and synchronous that will be facilitated through Zoom video conferencing software. Links will be sent to your emails and they will be available on D2L learning management system. The labs on Wednesdays are self-directed, where you will be given activities to complete using Complete Anatomy that will be submitted on D2L. We will meet in the last hour to thirty minutes to review some concepts performed using the Complete Anatomy application. I will make myself available for the whole two hour time slot if you need help using the application or have any general questions.

SCHOOL OR DEPARTMENTAL INFORMATION

Health & Human Services Student Handbook: <http://camosun.ca/learn/school/health-human-services/student-info/index.html>

General Practicum Information: <http://camosun.ca/learn/school/health-human-services/student-info/practicum-info.html>

Allied Health & Technologies Department Handbooks:

- Certified Medical Laboratory Assistant: <http://camosun.ca/learn/school/health-human-services/student-info/program-info/cmla.html>
- Diagnostic Medical Sonography: <http://camosun.ca/learn/school/health-human-services/student-info/program-info/sono.html>
- Medical Radiography: <http://camosun.ca/learn/school/health-human-services/student-info/program-info/mrad.html>

Students enrolled in Allied Health & Technologies Programs must achieve a minimum of 65% or a “COM” in each of their courses in order to use their course as a pre-requisite and progress in their program.

Students enrolled in Allied Health & Technologies Programs must participate in learning activities that include intimate and direct personal contact with their classmates during supervised practice. Students are training to perform the duties of a healthcare professional. These duties usually require constant, close physical contact with patients and clients. Students may be required to simulate and perform these activities on one another during this course. Students may also be required to use special hygiene practices and protective gear to protect themselves from the transmission of communicable diseases (like COVID-19). Risks associated with learning and performing the physical duties of a healthcare profession cannot be entirely eliminated by any amount of caution or protection. Students who refuse, or are incapable of participating and performing these activities due to personal or medical limitations, may only continue to participate in their course work when supported by officially registered accommodations or temporary medical advisory.

STUDENT RESPONSIBILITY

Enrolment at Camosun assumes that the student will become a responsible member of the College community. As such, each student will display a positive work ethic, assist in the preservation of College property, and assume responsibility for their education by researching academic requirements and policies; demonstrating courtesy and respect toward others; and respecting expectations concerning attendance, assignments, deadlines, and appointments.

SUPPORTS AND SERVICES FOR STUDENTS

Camosun College offers a number of services to help you succeed in and out of the classroom. For a detailed overview of the supports and services visit <http://camosun.ca/students/>.

Support Service	Website
Academic Advising	http://camosun.ca/advising
Accessible Learning	http://camosun.ca/accessible-learning
Counselling	http://camosun.ca/counselling
Career Services	http://camosun.ca/coop
Financial Aid and Awards	http://camosun.ca/financialaid
Help Centres (Math/English/Science)	http://camosun.ca/help-centres
Indigenous Student Support	http://camosun.ca/indigenous
International Student Support	http://camosun.ca/international/
Learning Skills	http://camosun.ca/learningskills
Library	http://camosun.ca/services/library/

Support Service	Website
Office of Student Support	http://camosun.ca/oss
Ombudsperson	http://camosun.ca/ombuds
Registration	http://camosun.ca/registration
Technology Support	http://camosun.ca/its
Writing Centre	http://camosun.ca/writing-centre

If you have a mental health concern, please contact Counselling to arrange an appointment as soon as possible. Counselling sessions are available at both campuses during business hours. If you need urgent support after-hours, please contact the Vancouver Island Crisis Line at 1-888-494-3888 or call 911.

COLLEGE-WIDE POLICIES, PROCEDURES, REQUIREMENTS, AND STANDARDS

Academic Accommodations for Students with Disabilities

The College is committed to providing appropriate and reasonable academic accommodations to students with disabilities (i.e. physical, depression, learning, etc). If you have a disability, the [Centre for Accessible Learning](#) (CAL) can help you document your needs, and where disability-related barriers to access in your courses exist, create an accommodation plan. By making a plan through CAL, you can ensure you have the appropriate academic accommodations you need without disclosing your diagnosis or condition to course instructors. Please visit the CAL website for contacts and to learn how to get started:

<http://camosun.ca/services/accessible-learning/>

Academic Integrity

Please visit <http://camosun.ca/about/policies/education-academic/e-1-programming-and-instruction/e-1.13.pdf> for policy regarding academic expectations and details for addressing and resolving matters of academic misconduct.

Academic Progress

Please visit <http://camosun.ca/about/policies/education-academic/e-1-programming-and-instruction/e-1.1.pdf> for further details on how Camosun College monitors students' academic progress and what steps can be taken if a student is at risk of not meeting the College's academic progress standards.

Course Withdrawals Policy

Please visit <http://camosun.ca/about/policies/education-academic/e-2-student-services-and-support/e-2.2.pdf> for further details about course withdrawals. For deadline for fees, course drop dates, and tuition refund, please visit <http://camosun.ca/learn/fees/#deadlines>.

Grading Policy

Please visit <http://camosun.ca/about/policies/education-academic/e-1-programming-and-instruction/e-1.5.pdf> for further details about grading.

Grade Review and Appeals

Please visit <http://camosun.ca/about/policies/education-academic/e-1-programming-and-instruction/e-1.14.pdf> for policy relating to requests for review and appeal of grades.

Mandatory Attendance for First Class Meeting of Each Course

Camosun College requires mandatory attendance for the first class meeting of each course. If you do not attend, and do not provide your instructor with a reasonable reason in advance, you will be removed from the course and the space offered to the next waitlisted student. For more information, please see the “Attendance” section under “Registration Policies and Procedures” (<http://camosun.ca/learn/calendar/current/procedures.html>) and the Grading Policy at <http://camosun.ca/about/policies/education-academic/e-1-programming-and-instruction/e-1.5.pdf>.

Medical / Compassionate Withdrawals

Students who are incapacitated and unable to complete or succeed in their studies by virtue of serious and demonstrated exceptional circumstances may be eligible for a medical/compassionate withdrawal. Please visit <http://camosun.ca/about/policies/education-academic/e-2-student-services-and-support/e-2.8.pdf> to learn more about the process involved in a medical/compassionate withdrawal.

Sexual Violence and Misconduct

Camosun is committed to creating a campus culture of safety, respect, and consent. Camosun’s Office of Student Support is responsible for offering support to students impacted by sexual violence. Regardless of when or where the sexual violence or misconduct occurred, students can access support at Camosun. The Office of Student Support will make sure students have a safe and private place to talk and will help them understand what supports are available and their options for next steps. The Office of Student Support respects a student’s right to choose what is right for them. For more information see Camosun’s Sexualized Violence and Misconduct Policy: <http://camosun.ca/about/policies/education-academic/e-2-student-services-and-support/e-2.9.pdf> and camosun.ca/sexual-violence. To contact the Office of Student Support: oss@camosun.ca or by phone: 250-370-3046 or 250-370-3841

Student Misconduct (Non-Academic)

Camosun College is committed to building the academic competency of all students, seeks to empower students to become agents of their own learning, and promotes academic belonging for everyone. Camosun also expects that all students to conduct themselves in a manner that contributes to a positive, supportive, and safe learning environment. Please review Camosun College’s Student Misconduct Policy at <http://camosun.ca/about/policies/education-academic/e-2-student-services-and-support/e-2.5.pdf> to understand the College’s expectations of academic integrity and student behavioural conduct.

Changes to this Syllabus: Every effort has been made to ensure that information in this syllabus is accurate at the time of publication. The College reserves the right to change courses if it becomes necessary so that course content remains relevant. In such cases, the instructor will give the students clear and timely notice of the changes.