Acknowledgement

UBC's Point Grey Campus is located on the traditional, ancestral, and unceded territory of the xwməθkwəy̓əm (Musqueam) people. The land it is situated on has always been a place of learning for the Musqueam people, who for millennia have passed on in their culture, history, and traditions from one generation to the next on this site.

Course Information

CAPS 391 **introduction to Gross Human Anatomy** (3 – 0 – 0 Credits)

Academic Calendar Description: Structure and function of body regions at the macroscopic level

Prerequisites: One of BIOL 121, SCIE 001, KIN 190, KIN 191.
Corequisites: None

Other Requirements: This course is open to CAPS Majors students and other 2nd year (and above) Science, Art, and Kinesiology students.

Instructional Schedule: Instructional Resources Centre (IRC) classrooms, three days a week (Monday, Wednesday, and Friday) , 1 hours per class (10:00 – 11:00 am).

Instructor Contacts

Instructor(s): Majid Alimohammadi

Contact Details: majid.alimohammadi@ubc.ca
Office Location: Room 1523, Life Science Centre
Office Hours: TBA

Other Instructional Staff

TBA

Student Expectations

All classes are compulsory and students are expected to complete online quizzes, midterms and final.

Course Structure

This is a Lecture-based (inperson) course with PDF lecture notes and slides provided.

Learning Outcomes

By the successful completion of this course, students will be able to:

1. Define the standard anatomical position, anatomical planes, and anatomical terms of position / movements.
2. Describe the human body cavities and their contents
3. List the organs in human body systems
4. Explain the main anatomical features of the:
    a. Skeletal system
    b. Muscular System
    c. Nervous System
    d. Cardiovascular system
    e. Lymphatic system
    f. Respiratory system
    g. Digestive system
    h. Urinary system
    i. Reproductive system
    j. Endocrine system
    k. Eye and ear

Schedule of Topics

Week 1.

Lecture 1: Introduction to the Anatomical Terminology
Lecture 2: Skeletal System (I)
Lecture 3: Skeletal System (II)

Week 2

Lecture 4: Skeletal System (III)
Lecture 5: Skeletal System (IV)
Lecture 6: Joints (I)

Week 3

Lecture 7: Joints (II) + Quiz 1
Lecture 8: Introduction to Nervous System
Lecture 9: Central Nervous System (I)

Week 4

Lecture 10: Central Nervous System (II)
Lecture 11: Peripheral Nervous System (I)
Leecture 12: Peripheral Nervous System (II)

Week 5

Lecture 13: Visceral Nervous System (I)
Lectuer 14: Visceral Nervous System (II) + Quiz 2
Lecture 15: Midterm (I)

Week 6
- Midterm Break

Week 7
- Lecture 16: Muscular System (I)
- Lecture 17: Muscular System (II)
- Lecture 18: Muscular System (III)

Week 8
- Lecture 19: Muscular System (IV)
- Lecture 20: Muscular System (V) + Quiz 3
- Lecture 21: Circulatory System (I)

Week 9
- Lecture 22: Circulatory System (II)
- Lecture 23: Circulatory System (III)
- Lecture 24: Lymphatic System

Week 10
- Lecture 25: Respiratory System (I)
- Lecture 26: Respiratory System (II)
- Lecture 27: Midterm 2

Week 11
- Lecture 28: Digestive System (I)
- Lecture 29: Digestive System (II)
- Lecture 30: Digestive System (III)

Week 12
- Lecture 31: Urinary System + Quiz 4
- Lecture 32: Male Reproductive System
- Lecture 33: Female Reproductive System

Week 13
- Lecture 34: Endocrine System
- Lecture 35: Special Senses (I)
- Lecture 36: Special Senses (II) + Quiz 5

Learning Activities

All classes are in person. Lecture notes and slides will be provided prior to the lectures. In addition,lecture summaries and sample questions will be available after the class. Readings may be required in advance to facilitate class discussions for all students.

Learning Materials

All learning and reading material will be provided in PDF format on Canvas prior to the start of term. The following texts are recommended:

1. M & M Essential Anatomy, 5th Edition (2021) by M. Alimohammadi and M. Doroudi
2. Gray's Anatomy For Students, 3rd Edition (2015) by Drake, Vogl, and Mitchell
3. Essential Clinical Anatomy 5th Edition (2014) by Keith L. Moore
4. Clinical Anatomy, 9th Edition (2012) by Richard S. Snell

5. Atlas: Grant's, Netter, Thieme, Moses, Rohen, McMinn, are extremely helpful.

these will be freely available at Woodward library.

Assessments of Learning

Assessement is in the from of 3 invigilated (in person) exams and 5 online quizzes, distributed through term time, and covering lectures not covered by a prior exam.
Changing the assessment plan: We will permit late exam attendance only with prior written permission by the Course Director.

Assessment tool	Content	Value
Quiz 1	Lectures 1 - 6	2%
Quiz 2	Lectures 7 -14	2%
Quiz 3	Lectures 16 - 20	2%
Quiz 4	Lectures 26 - 31	2%
Quiz 5	Lectures 32 - 36	2%
Midterm I	Lectures 1 - 14	25%
Mid term II	Lectures 15 - 26	25%
Final exam	All	40%

University Policies

UBC provides resources to support student learning and to maintain healthy lifestyles but recognizes that sometimes crises arise and so there are additional resources to access including those for survivors of sexual violence. UBC values respect for the person and ideas of all members of the academic community. Harassment and discrimination are not tolerated nor is suppression of academic freedom. UBC provides appropriate accommodation for students with disabilities and for religious observances. UBC values academic honesty and students are expected to acknowledge the ideas generated by others and to uphold the highest academic standards in all of their actions. Details of the policies and how to access support are available at the Policies and Rsources section of the UBC Senate website.

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.

A more detailed description of academic integrity, including the University's policies and procedures, may be found in the Discipline for Academic Misconduct section of the UBC Academic Calendar.

- No assignment may be submitted to any other instructor of any course for a grade.
- The minimum penalty for plagiarism in any assignment is a zero for the assignment; the maximum penalty is a zero for the course.

UBC Grading Standards

Undergraduate Grading Scale

Percentage (%)	Letter Grade
90-100	A+
85-89	A
80-84	A-
76-79	B+
72-75	B
68-71	B-
64-67	C+
60-63	C
55-59	C-
50-54	D
0-49	F

Other Course Policies

Learning Analytics

This course will be using the Canvas and Piazza learning technologies. These tools capture data about your activity and provide information that can be used to improve the quality of teaching and learning. In this course, I plan to use analytics data to:

- View overall class progress
- Track your progress in order to provide you with personalized feedback if needed
- Review statistics on course content being accessed to support improvements in the course
- Track participation in discussion forums
- Assess your participation in the course

Learning Resources

Students are encouraged to use the following website for more in-depth information.
http://clinicalanatomy.ca/

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