

BIO B33 H3 Y Human Biology: Development and Anatomy  
COURSE OUTLINE – Summer 2013 – Dr. Connie Soros

Welcome to BIOB33. The following syllabus lists class times, lecture topics, grading scheme, protocol for illness/absence and people involved in the course. Please contact me if you have any questions.

**THIS IS NOT AN ONLINE COURSE, YOU MUST COME TO CLASS**

- Week 1 (May 6) Lecture 1 – Introduction to Anatomy, Primary Tissues  
(nomenclature, regions, histology of primary tissues)
- Week 2 (May 13-14) Lab 1 – *Histology of primary tissues*  
(May 13) Lecture 2 – Form (development)
- Week 3 (May 20) Victoria Day Holiday – NO LECTURE OR LABS THIS WEEK
- Week 4 (May 27-28) Lab 2 – *Surface Anatomy & Skeleton I*  
(May 27) Lecture 3 – Skin, Peripheral Nervous System 1
- Week 5 (June 3-4) Lab 3 – *Surface Anatomy & Skeleton II* – Quiz 1 (on lab 2)  
(June 3) Lecture 4 – Musculoskeletal 1
- Week 6 (June 10-11) Lab 4 – *Musculoskeletal I*  
(June 10) Lecture 5 – Musculoskeletal 2
- Week 7 (June 17-18) – Reading Week - NO LABS THIS WEEK  
(June 17) Lecture 6 – Musculoskeletal 3
- Week 8 (June 24-25) Lab 5 – *Musculoskeletal II* – Quiz 2 (on lab 4)  
(June 24) Lecture 7 – Respiratory System
- Week 9 (July 1) Canada Day Holiday- NO LECTURE OR LABS THIS WEEK
- Week 10 (July 8) Lab 6 – *Respiratory & Digestive Systems*  
(July 8-9) Lecture 8 – Digestive System
- Week 11 (July 15-16) Lab 7 – *Urinary & Reproductive Systems* - Quiz 3 (on Lab 6)  
(July 15) Lecture 9 – Urinary & Cardiovascular Systems
- Week 12 (July 22-23) Lab 8 – *Cardiovascular System and Heart*  
(July 22) In class lab exam (in lecture period, Labs 1-7)
- Week 13 (July 29-30) Lab 9 – *Senses and Sensory Organs* – Quiz 4 (on labs 8 & 9)  
(July 29) Lecture 10 – Blood and Lymphatic Systems & Senses and Sensory Organs
- Week 14 (Aug. 5) Civic Holiday – NO CLASSES

Lectures: Mondays 12:00noon-2:00pm Rm: SW 309

Labs: **Mondays** PRA001 9:00am-12:00pm Rm SW 321; PRA002 9:00am-12:00pm Rm SW 323  
 PRA003 2:00pm-5:00pm Rm SW 321; PRA004 2:00pm-5:00pm Rm SW 323  
 PRA005 7:00pm-10:00pm Rm SW 321; PRA006 7:00pm-10:00pm Rm SW 323

**Tuesdays** PRA007 9:00am-12:00pm Rm SW 321

\*If you need to switch your lab section for any reason, this must be done through ROSI and not the professor or TAs or technicians (otherwise you will not receive any marks for lab material)

Lectures and unlabeled diagrams will be available on blackboard prior to lectures, labeled diagrams are not available online (ie. you must come to class) there will also be readings assigned in most lectures, these are also not available on line and must be obtained in class. If you are away, please make arrangements to obtain this information from another student.

Midterm (covers lectures 1-5): To be announced. The makeup will be scheduled approximately 2 weeks later and can only be written with proper medical documentation

Final Exam Period: Thursday August 8<sup>th</sup> – Tuesday August 20<sup>th</sup> (we will have a written final exam scheduled in this period)

**Texts** (all available at the UTSC bookstore)

Required Textbook: **Human Anatomy** 7<sup>th</sup> edition, Pearson Publishing  
 Frederic H. Martini, University of Hawaii  
 Michael J. Timmons, Moraine Valley Community College  
 Robert B. Tallitsch, Augustana College

Packaged with **Mastering A&P**™ student access code, Martini's **Atlas of the Human Body** and **PAL (Practice Anatomy Lab)** CD (this package also includes eText and ePAL)

Required Laboratory Manual: **Fetal Pig Dissection Guide 3rd ed.** James S. Miller

### **Electronic resources:**

These websites have been useful to students in the past for studying photos of some course material. The information in the lectures and required textbook will always be taken as correct if there are discrepancies between sources:

<http://www.biosci.ohiou.edu/introbioslab/Bios171/171.htm> (lab course using fetal pig)

<http://www.whitman.edu/biology/vpd/main.html> (Virtual pig Dissection – requires Shockwave Plug-in)

[www.pathguy.com](http://www.pathguy.com) (atlas of histology and pathology)

[www.anatomy.dal.ca/Human\\_Histology/pg1dhd.html](http://www.anatomy.dal.ca/Human_Histology/pg1dhd.html) (link to histology slides)

<http://www.lab.anhb.uwa.edu.au/mb140/> (another searchable archive of histological sections)

### **Distribution of Marks:**

Midterm Examination	30%
Laboratory Quizzes	10%
Final Laboratory Examination	25%
Final Written Examination	35%

Laboratory and lecture examinations include ALL the lecture, laboratory, required reading and cited text figure material for the particular topics covered on the examination. In other words, lecture material may appear in a laboratory examination and vice versa.

Lecture Examinations: the exact format of a particular lecture exam will be announced ahead in class. Lecture exams typically include short answer such as multiple choice, fill in the blanks, definitions, matching type questions, labeling diagrams, etc. There may also be short and/or long essay questions. The Final exam is multiple choice and may be cumulative, although with slightly less emphasis placed on material from the first half of the course. The final exam will be held during the final exam period.

Final Laboratory examination: This exam will focus on material we have covered in the labs including histology, fetal pig anatomy, surface anatomy and the skeleton. It will include both a slide show with questions in addition to a written portion.

\*\* Missed Exams (Lecture and Lab) – students who miss an exam for reasons entirely beyond their control may, within one week of the missed exam, contact Dr. Soros and bring a written request for special consideration explaining the reason for missing the test and attaching appropriate documentation (UTSC medical note (the only acceptable medical note) which must be completed by a doctor). The date and format of the makeup test will be announced in lecture, on the intranet and via email

\*\* Missed Lab Quizzes – students who miss a lab quiz for reasons entirely beyond their control may, within one week of the missed exam, contact your TA and bring a written request for special consideration explaining the reason for missing the quiz and attaching appropriate documentation (UTSC medical note (the only acceptable medical note) which must be completed by a doctor). Your TA will discuss the date and format of the makeup quiz with you.

\*\* Note: if you miss the laboratory final exam, there will not be a makeup exam, your final exam will be worth 55% and like for all makeup exams, proper medical documentation must be provided.

Missed Exams – students who miss an exam due to medical illness, must submit to Angela Jiang (the course coordinator see below for contact information) detailed UTSC Medical Certificate filled out by the physician you saw on the day of the test itself. The note is due three business days after the scheduled test. The date and format of the makeup test will be announced in lecture, on the intranet and via email. We will not accept any other medical certificate/note, and if the note is not filled out to our satisfaction, we do reserve the right to refuse it.

The UTSC Medical Certificate can be found here for your convenience:

[http://www.utsc.utoronto.ca/~registrar/resources/pdf\\_general/UTSCmedicalcertificate.pdf](http://www.utsc.utoronto.ca/~registrar/resources/pdf_general/UTSCmedicalcertificate.pdf)

Please see the BIOB33 blackboard site for more information on tests, missing tests and exam viewing.

The University of Toronto is dedicated to fostering an academic community in which the learning and scholarship of every member may flourish, with vigilant protection for individual human rights, and a resolute commitment to the principles of equal opportunity, equity and justice.

#### ACCESSABILITY STATEMENT

Students with diverse learning styles and needs are welcome in this course. In particular, if you have a disability/health consideration that may require accommodations, please feel free to approach me and/or the AccessAbility Services Office as soon as possible. I will work with you and AccessAbility Services to ensure you can achieve your learning goals in this course. Enquiries are confidential. The UTSC AccessAbility Services staff (located in S302) are available by appointment to assess specific needs, provide referrals and arrange appropriate accommodations (416) 287-7560 or [ability@utsc.utoronto.ca](mailto:ability@utsc.utoronto.ca).

### ACADEMIC INTEGRITY STATEMENT

Academic integrity is essential to the pursuit of learning and scholarship in a university, and to ensuring that a degree from the University of Toronto is a strong signal of each student's individual academic achievement. As a result, the University treats cases of cheating and plagiarism very seriously. The University of Toronto's Code of Behaviour on Academic Matters (<http://www.governingcouncil.utoronto.ca/policies/behaveac.htm>) outlines the behaviours that constitute academic dishonesty and the processes for addressing academic offences. Potential offences include, but are not limited to:

**IN PAPERS AND ASSIGNMENTS:** Using someone else's ideas or words without appropriate acknowledgement. Submitting your own work in more than one course without the permission of the instructor. Making up sources or facts. Obtaining or providing unauthorized assistance on any assignment.

**ON TESTS AND EXAMS:** Using or possessing unauthorized aids. Looking at someone else's answers during an exam or test. Misrepresenting your identity.

**IN ACADEMIC WORK:** Falsifying institutional documents or grades. Falsifying or altering any documentation required by the University, including (but not limited to) doctor's notes.

All suspected cases of academic dishonesty will be investigated following procedures outlined in the Code of Behaviour on Academic Matters. If you have questions or concerns about what constitutes appropriate academic behaviour or appropriate research and citation methods, you are expected to seek out additional information on academic integrity from your instructor or from other institutional resources (see <http://www.utoronto.ca/academicintegrity/resourcesforstudents.html>).

#### **People:**

Instructor: Dr. Connie Soros  
 Office: SW563B  
 \*\*\*E-mail: [csoros@utsc.utoronto.ca](mailto:csoros@utsc.utoronto.ca) (please do not e-mail more than once in 48 hours, I promise to answer all queries as soon as I can) \*\*\*  
 Please use your UofT email address and be sure to include BIO B33 in the subject line  
**OFFICE HOURS:** I will be available on Mondays 11:00-12:00 or after directly class, either in my office or in the laboratory, or by appointment

Teaching Assistants: will provide contact information in the first lab

Laboratory Coordinator:  
 Christopher Armstrong  
 Office: SW 249  
 Email: [carmstrong@utsc.utoronto.ca](mailto:carmstrong@utsc.utoronto.ca)