

BIO B33 H3F Human Biology: Development and Anatomy
SYLLABUS – Fall 2016 – Dr. Connie Soros

Labs: Mondays 10:00am-1:00pm, 2:00-5:00pm, 7:00-10:00pm, Tuesdays 10:00-1:00, 1:00-4:00,
Rms: SW 321 and 323

Lecture: Wednesdays 11:00-1:00. Rm. AA112

- Week 1 (Sept. 7) Lecture 1 – Introduction to Anatomy, Primary Tissues
- Week 2 (Sept. 12-13) Lab 1 – *Histology of primary tissues*
(Sept. 14) Lecture 2 – Skin
- Week 3 (Sept. 19-20) Lab 2 – *Surface Anatomy & Skeleton I (axial)*
(Sept. 21) Lecture 3 – Form (development)
- Week 4 (Sept. 26-27) Lab 3 – *Surface Anatomy & Skeleton II (appendicular)* – Quiz 1 (on lab 2)
(Sept. 28) Lecture 4 – Connective Tissue
- Week 5 (Oct. 3-4) Lab 4 – *Musculoskeletal I* – Start Fetal Pigs this week (need lab manual)
(Oct. 5) Lecture 5 – Skeletal System
- Week 6 (Oct. 10-11) Thanksgiving - no labs this week
(Oct. 12) Reading Week – no lecture
- Week 7 (Oct. 17-18) Lab 5 - *Musculoskeletal II* – Quiz 2 (on lab 4)
(Oct. 19) In class midterm
- Week 8 (Oct. 24-25) Lab 6 – *Respiratory System & Digestive System*
(Oct. 26) Lecture 6 – Muscles
- Week 9 (Oct. 31–Nov. 1) Lab 7 – *Urinary System, Reproductive System* - Quiz 3 (on Lab 6)
(Nov. 2) Lecture 7 – Respiratory System
- Week 10 (Nov. 7-8) Lab 8 – *Review Lab*
(Nov. 9) Lecture 8 – Digestive & Urinary System
- Week 11 (Nov. 14-15) – Lab 9 - *In Lab Endocrine and Brain Assignment*
(Nov. 16) In lecture Final Lab Exam (on labs 1-7)
- Week 12 (Nov. 21-22) Lab 10 – *Heart and Cardiovascular System*
(Nov. 23) Lecture 9 – Cardiovascular, Blood and Lymphatic System
- Week 13 (Nov. 28-29-) Lab 11 – *Senses* - Quiz 4 (on Lab 10, Senses covered on final exam)
(Nov. 30) Lecture 10 - Brain, Nervous & Endocrine System and Senses

Final Exam Period: Monday December 5 – Thursday December 20 (we will have a written final exam scheduled in this period).

The lecture notes and both labeled and some unlabeled diagrams will be posted on blackboard weekly as well as any course information and exam details etc).

Required Reading: each week there will be a short assigned reading, these will be assigned during the lecture.

The chapters in the text that each lecture corresponds to will be given at the time of the lecture and can be found on blackboard (you are responsible for the material covered in lecture and the required readings and figures/charts from the text, other material in the text is there as a resource to help you)

Texts (all available at the UTSC bookstore)

Required Textbook: **Human Anatomy** 8th 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

Distribution of Marks:

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|------------------------------|--------------------------------|
| Midterm Examination | 30% |
| Laboratory Quizzes | 10% |
| Final Laboratory Examination | 25% |
| Final Written Examination | 35% (During final exam period) |

Laboratory and lecture examinations may 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 may 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 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 slide show with questions in addition to a written portion.

** Missed Lab Quizzes – students who miss a lab quiz for reasons entirely beyond their control may, within **48 hrs** of the missed quiz, 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.

You **CAN NOT** switch lab sections!! You must go through ROSI or you will not receive any lab marks.

Missed Exams – students who miss an exam due to medical illness, must submit to Dr. Soros a detailed UTSC Medical Certificate filled out by the physician you saw on the day of the test itself. You **MUST** contact Dr. Soros within 48 hours of missing the exam. The date and format of the makeup test will be communicated 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

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 contact 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.

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:

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: Portable 104, Rm 110
***E-mail: 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 Wednesdays, before class and 1:00-2:00pm, either in my office or in the teaching laboratory (SW322), or by appointment.

Laboratory Coordinators:

Joanne Pearce
Email: pearce@utsc.utoronto.ca

Daniel Yi
Email: danielyi@utsc.utoronto.ca

Teaching Assistants – please direct ALL lecture based questions (including midterm material and marks) to Connie Soros and ALL laboratory based questions (including lab absences and marks) to your TA! Please make sure to contact the correct TA!

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| P001 Mon 10:00 -1:00 SW321 Vernie Aguda | vernie.aguda@mail.utoronto.ca |
| P002 Mon 10:00 -1:00 SW323 Eshan Naik | eshan.naik@mail.utoronto.ca |
| P003 Mon 2:00 - 5:00 SW321 Annik Carson | annik.yalnizyan.carson@mail.utoronto.ca |
| P004 Mon 2:00 - 5:00 SW323 Rosemary Saati | rosemary.saati@mail.utoronto.ca |
| P005 Mon 7:00 - 10:00 SW321 Annik Carson | annik.yalnizyan.carson@mail.utoronto.ca |
| P006 Mon 7:00 - 10:00 SW323 Tiffany Toong | tiffany.toong@mail.utoronto.ca |
| P007 Tues 10:00 - 1:00 SW321 Ruben Flam- | ruben.flam.shepherd@mail.utoronto.ca |
| P008 Tues 10:00 - 1:00 SW323 Eshan Naik | eshan.naik@mail.utoronto.ca |
| P009 Tues 1:00 - 4:00 SW321 Ruben Flam-Shepherd | ruben.flam.shepherd@mail.utoronto.ca |
| P010 Tues 1:00 - 4:00 SW323 Rosemary Saati | rosemary.saati@mail.utoronto.ca |