Syllabus/Course Outline

HISTOLOGY

BSC 426.01E

Fall 2012

Instructor

G. Kendrick, F.R.S.H.

Fellow of the Royal Society of Health
(London)

DEDICATION to the late

Elsie Bodemann, Ph.D.

Professor and Head

Biology 1939-1957
BSC 426.01E  HISTOLOGY
COURSE SYLLABUS: FALL 2012

Instructor:  Dr. George Kendrick
Office Location:  Science Building, STC 205
Office Hours:  Pro Re Nata
Office Phone:  903-886-5378
Office Fax:  903-886-5997
Class Meets:  TR 11am-12:15pm

COURSE INFORMATION

Materials – Textbooks, Readings, Supplementary Readings:

Textbook(s) Required:
   Color Atlas of Histology, 5th ed
   Gartner and Hiatt
Optional:

Course Description:
   Structural approach to the subject of microscopic anatomy using the light microscope.
   Since student experience with microscopy is invaluable, this component will be emphasized.

Student Learning Outcomes:
   1. Students will be able to use and care for the compound light microscope.

   2. Students will be able to identify and discuss the normal form and function of epithelium, connective tissue, nervous tissue and muscle tissue.

   3. Students will have a basic introduction to other imaging techniques such as x-rays, ultrasound and others.

   4. Students will be capable of discussing this subject with anyone of equal and like training.
**COURSE REQUIREMENTS**

**Instructional / Methods / Activities Assessments**
- Read the Demo Scope each session.
- Utilize radiographs, human and non-human gross skeletal parts, contemporary texts, and certain slides pro re nata.
- Own an Atlas and always have it in class. No sharing of the Atlas.
- One written essay to occur, get instructor’s approval
- Subject/date may change PRN

**Attendance Policy**
- Students must familiarize themselves with the University class attendance rule as seen in the current *Student Guidebook*.
- A daily record of attendance/tardy will be taken. Three tardies equals one missed lab/lecture. Three missed lab/lectures will result in student being dropped from this course.
- Absences are only excused according to current *Student Guidebook*.

**Punctuality**
- Punctual means “having a point” but for our purposes it means “being on time.” Class begins at 11:00 a.m. Arrive early. Students may arrive early to read slides to complement your knowledge of the subject. Instructor present.

**Make-ups**
- There will be NO make-ups unless directly correlated to the University Policy.

**Grading**
Ad hoc notebook: drawings to be graded.

a. **Test**
   Long test (3)............................................................................................................ 45%

b. **Practicals (3)**........................................................................................................ 45%

Essay, Pop test, notebook and class etiquette* which are weighty............... 10%

* q.v. as sharing slide variable with classmates, reference to non-text data and cleanliness of work area.
No mobile phones, laptops or other electronic devices in class, no hats, no chewing gum, clean hands and nails, your armamentarium in place.
TECHNOLOGY REQUIREMENTS

Student may reference internet for further research, but not during class time. All mobile phones, laptops and other electronic devices must be powered off during class time.

COURSE AND UNIVERSITY PROCEDURES/POLICIES

University Specific Procedures:

ADA Statement

The Americans with Disabilities Act (ADA) is a federal anti-discrimination statute that provides comprehensive civil rights protection for persons with disabilities. Among other things, this legislation requires that all students with disabilities be guaranteed a learning environment that provides for reasonable accommodation of their disabilities. If you have a disability requiring an accommodation, please contact:

Office of Student Disability Resources and Services
Texas A&M University-Commerce
Gee Library 132
Phone (903) 886-5150 or (903) 886-5835
Fax (903) 468-8148
StudentDisabilityServices@tamu-commerce.edu
Student Disability Resources & Services

Student Conduct

All students enrolled at the University shall follow the tenets of common decency and acceptable behavior conducive to a positive learning environment. (See Code of Student Conduct from Student Guidebook). Students who are disruptive to class activities will be dropped from the class and may face further disciplinary action.

Plagiarism

Plagiarism is a criminal activity. You must cite all sources of information. Unreferenced copying of material, whether parts of sentences, whole sentences, paragraphs, or entire articles can result in a score of zero for your assignment and may result in further disciplinary action.
### COURSE OUTLINE / CALENDAR

| August  | 28 | Introduction 11am  
|         |    | Review syllabus and course outline  
|         |    | Expectations, Variations  
| 30      | Introduction 11am  
|         |    | Review Syllabus and course outline  
|         |    | Late registration, Drop/Add continues  
| September | 4  | The Cell  
| 6       | Epithelium  
| 11      | Epithelium  
| 13      | PRN  
| 18      | Glands  
| 20      | Connective Tissue, Cells, embryonic  
| 25      | Connective Tissue, adult  
| 27      | Connective Tissue, cartilage, bone, epactal, and ectopic  
| October | 2   | Blood—specialized connective tissue, anlage of cells, bone marrow  
| 4       | Test No. 1 and specialized connective tissue, the mucous membrane  
| 9       | Muscle as a tissue  
| 11      | Muscle, Nerve Tissue  
| 16      | Arterial, Veinous, Lymph, First Practical  
| 18      | Lymphoid Tissue, Extra-Medullary  
| 23      | Lymphocytopoiesis, RESystem, mono-nuclear phagocytic system, cell migration  
| 25      | Written Essay Due, Ductless Glands  
| 30      | Ductless Glands  

November  1  Skin, Tactile, Pili, Hair, Melanocytes

6  Pulmonary System, Waldeyer’s Ring, Rosenmuller’s Fossa Schneiderian Membrane, Torus Tubarius [NA] Nomina Anatomica, read radiographs

8  **Test No. 2** and Trachea and oesophagus, deglutition

13  AP Chest View, Landmarks-Gross, **Second Practical**

15  Oral Cavity, Highmore’s Antrum, Anlage Meckel’s Cartilage, Ankylosis (Dental)

20  Gastro, Gullet, Intestine, Vermiform a., GI System, barium contrast

27  Digestive Glands

29  Genitourinary System, using charts

December  4  Reproductive System—Male, Female

6  **Third Practical**

11  **Final Examination** 10:30am-12:30pm

*Students will continue the tradition of our Founder, Professor William L. Mayo. Students are expected to demonstrate his tone of excellence in word and in action.*

Texas A&M University–Commerce
ACCESS TO INSTRUCTOR

He or she may feel they need additional help. It may involve consultation, extra time or whatever, ask the instructor for an appointment, don’t be embarrassed. This class is a team effort, the instructor and students are challenged to learn. The burden lies with the student to step forward.

Statement:
I hereby acknowledge that all of the essential disclosures of the Syllabus/Outline were made by the instructor to me, before it was signed on ______________________________ 2012.

Signed: _________________________________________________________

CWID: _________________________________________________________

Student’s Copy

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Do not remove.

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