COURSE: BIO. 3421.010
HISTOLOGY
Lecture: TTh 9:30AM-10:45 AM, CAV. 111
Laboratory: Tues. 2:00-4:50PM, CAV. 111 (Bio. 3421.02Z)

INSTRUCTOR: Dr. Laurel E. Fohn, MD, PhD
OFFICE: Raymond Cavness Science Building
Room 107
PHONE: 325-486-6644
E-mail: lfohn1@angelo.edu

Office Hours: By Appointment & Tues. 10:45-11:45am; 1-2pm; Weds 11am-12 pm & 1-2pm; Thurs. 10:45-11:45am

Lecture & Lab Textbook: Junqueira’s Basic Histology: Text and Atlas, 14th edition by Anthony Mescher
ISBN: 0071842705 / 9780071842709

WEEK  TENTATIVE SCHEDULE OF LECTURES*  READINGS (chapters)
1: 1/16&18  Introduction, Cytoplasm, Nucleus  1,2,3
2: 1/23&25  Epithelial and Connective Tissues  4,5
3: 1/30 & 2/1  Adipose, Cartilage, Bone  6,7,8
4: 2/6 & 2/8  Nerve  9
5: 2/13 & 2/15  EXAM I &  Muscle  10
6: 2/20 &22  Circulatory System, Blood & Hematopoiesis  11,12,13
7: 2/27 & 3/1  Lymphoid System  14
8: 3/6 & 3/8  Digestive System  15,16
9: 3/12-16  SPRING BREAK (no classes)
10: 3/20 & 3/22  Respiratory System & Skin  17,18
11: 3/27 & 3/29  EXAM II &  Complete above
12: 4/3 & 4/5  Endocrine Glands & Slide Preparation/ Microscopy Special Techniques  20,1
13: 4/10 & 4/12  Urinary System & Male Reproductive System  19,21
14: 4/17 & 4/19  Female Reproductive System  22
15: 4/24 & 4/26  Special Sense Organs  23
16: 5/1 & 5/3  EXAM III; Complete above
17: May 10, (Thurs)  8:00AM-10:00AM  FINAL/ COMPREHENSIVE

*NOTE: Whereas the schedule of lectures is tentative, exams WILL be given on the dates specified.

LECTURE EXAM SCHEDULE:
EXAM I------February 13 (Tues)
EXAM II------March 27 (Tues)
EXAM III------May 1 (Tues)
EXAM IV------FINAL/ COMPREHENSIVE May 10, (Thurs), 8:00AM-10:00AM

OBJECTIVES/ STUDENT LEARNING OUTCOMES:
1) Obtain a basic understanding of microanatomy including cell types and how cells organize to form tissues and organs.
2) Obtain a basic understanding of the functions of those cells/ tissues.
3) Obtain insight into the importance of histology and histologic techniques in medicine and biological research.
INCIDENTALS

I. EXAMS: Exams will be given in both lecture and lab on the same day. The two portions of the exam will be combined into one grade for that exam. The first two exams will focus on the material covered in that block, while the third exam will be predominantly that block for the lecture portion with comprehensive lab exam. The final (fourth) exam will be comprehensive over all material.

II. ASSESSMENT/DETERMINATION OF GRADE:
Course grade will be determined as follows:

- Exam 1: 25%
- Exam 2: 25%
- Exam 3: 25%
- FINAL/Comprehensive Exam: 25%

EXTRA CREDIT
TWO (2) PERCENT extra credit will be built into each major lecture and laboratory exam. There will also two, ONE (1) PERCENT assignments explained on class day 1. Part of this extra credit may be based on the Moon Lecture. Assuming a perfect score on all exams, potential grades calculate to a final course average of 104%! In my estimation, this is a generous extra-credit system—therefore,

NO OTHER EXTRA-CREDIT WILL BE OFFERED
AND
THERE WILL BE NO “CURVING” OF FINAL GRADES

Grade Scale:*  
90-100 ➔ A  
80-89 ➔ B  
70-79 ➔ C  
60-69 ➔ D  
<59.5 ➔ F

*NOTE: I record grades using an Excel spreadsheet that rounds-off to the nearest hundredth of a percent. In determining final grades, I set the spreadsheet to round-off to the nearest whole number then look at the digit in the 10’s column to determine your final grade I.E., if you want an “A” make sure your final average starts with a nine (9), if you want a “B” make sure your final average starts with an eight (8), etc.

III. ABSENCES:
Lectures-Students may attend lectures at their own discretion; however, in accord with University policy, attendance will be taken at each class meeting. Attendance records are maintained purely for administrative reasons and will not be a direct factor in determining your final grade. Note, however, consistent lecture attendance generally proves beneficial to successful examination performance. It is highly unlikely that persons with sporadic attendance will be able to maintain a successful level of performance. Note—points toward your exam may be randomly assigned/earned during class.

Laboratory-Laboratory attendance is imperative. Laboratory will stress the functional application of lecture knowledge and aid the student immensely in grasping histology. Points toward your lab exam may be randomly assigned/earned during lab class.

IV. MAKE-UP WORK: Students are required to take all exams and to complete all assignments on time. Exceptions will be made only in rare and unusual circumstances and ONLY BY PRIOR ARRANGEMENT. THERE ARE NO EXCEPTIONS TO THIS RULE. Make-up exams will NOT be available except for University sanctioned excuses or verifiable illness. In these circumstances and at the discretion of the instructor, the final, comprehensive exam score may be used to replace a missed exam.

V. DROP/WITHDRAW POLICY: The last day to drop this course and receive a “W” is Monday, April 2nd. Anyone remaining in the course after this date will receive a grade.

VI. ACADEMIC DISHONESTY: Angelo State University expects its students to maintain complete honesty and integrity in their academic pursuits. Students are responsible for understanding the Academic Honor Code, which is contained in both print and web versions of the Student Handbook.
VII. HANDICAPPING CONDITIONS/LEARNING DISABILITIES

Angelo State University prohibits willful acts of discrimination against those individuals with handicapping conditions or learning disabilities. If you believe that your success in the course is at risk due to either of these conditions, you are encouraged to consult with your instructor as early in the semester as possible so that appropriate arrangements can be instituted.

Persons with disabilities which may warrant academic accommodations must contact the Student Life Office, Room 112 University Center, (325) 942-2191 or (325) 942-2126 (TDD/FAX) or by e-mail at Student.Life@angelo.edu in order to request such accommodations prior to any accommodations being implemented. You are encouraged to make this request early in the semester so that appropriate arrangements can be made. Notification of modifications from the Student Life Office must be received at least one week prior to expected implementation, so that arrangements may be made.

For additional information on this policy, see OP 10.15 on the ASU website at http://www.angelo.edu/opmanual/.

XIII. OBSERVATION OF RELIGIOUS HOLY DAY

Angelo State University provides for the observation of religious holy days as follows:

1. “Religious holy day” means a holy day observed by a religion whose places of worship are exempt from property taxation under Texas Tax Code §11.20.
2. A student who intends to observe a religious holy day should make that intention known in writing to the instructor prior to the absence. A student who is absent from classes for the observance of a religious holy day shall be allowed to take an examination or complete an assignment scheduled for that day within a reasonable time after the absence.

For additional information on this policy, see OP 10.19 on the ASU website at http://www.angelo.edu/opmanual/.

LABORATORY SCHEDULE

Laboratory assignments will correspond to lecture topics above. While laboratory attendance is mandatory, missing the days in bold (Exams) will have a severe negative consequence on your grade. Therefore, if you will not be able to attend one of these sessions, prior arrangements will need to be made. Each spring, the Moon Lecture is held and addresses important concepts in Science. This lecture is highly recommended for students to attend, and credit will be assigned. As the date of the lecture has not been announced, if the lecture is during laboratory time, the laboratory schedule will be altered. As soon as the date for the Moon Lecture is announced, changes to the laboratory schedule (if necessary) will be announced.

<table>
<thead>
<tr>
<th>Week: Date</th>
<th>LABORATORY</th>
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<tbody>
<tr>
<td>1: 1/16</td>
<td>Microscope usage, Cytoplasm, Nucleus</td>
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<tr>
<td>2: 1/23</td>
<td>Epithelial and Connective Tissues</td>
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<tr>
<td>3: 1/30</td>
<td>Adipose, Cartilage, Bone</td>
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<td>4: 2/6</td>
<td>Nerve; Muscle; Review</td>
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<td>5: 2/13</td>
<td>LAB EXAM I</td>
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<tr>
<td>6: 2/20</td>
<td>Circulatory System, Blood &amp; Hematopoiesis</td>
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<td>7: 2/27</td>
<td>Lymphoid System</td>
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<td>8: 3/6</td>
<td>Digestive System</td>
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<td>9: 3/12-16</td>
<td>SPRING BREAK--LABS WILL NOT MEET THIS WEEK</td>
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<td>10: 3/20</td>
<td>Respiratory System &amp; Skin; Review</td>
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<td>11: 3/27</td>
<td>LAB EXAM II</td>
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<td>12: 4/3</td>
<td>Endocrine Glands &amp; Slide Preparation Week 1</td>
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<td>13: 4/10</td>
<td>Urinary System &amp; Male Reproductive System; Slide Preparation Week 2</td>
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<td>14: 4/17</td>
<td>Female Reproductive System; Slide Preparation Week 3</td>
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<td>15: 4/24</td>
<td>Special Sense Organs &amp; Review; Slide Preparation Week 4</td>
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<td>16: 5/1</td>
<td>LAB EXAM III</td>
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