COURSE SYLLABUS
HUMAN ANATOMY & PHYSIOLOGY I [BIOL 2401]
Sections
SPRING 2018

Professor Information:
Ms. Jayme Simlin, MS, BS, EMT-B
jsimlin@dcccd.edu
Room H126 Adjunct Office
Office Hours: Mon/Wed By Appointment

SCIENCE/TECH/ENGINEERING/MATH/PE
214-860-8645 or 5612 Phone
Division Office H129

COURSE SYLLABUS
HUMAN ANATOMY & PHYSIOLOGY I [BIOL 2401]
Sections 2401-63502 ONCAMPUS
SPRING 2019

Course Information
Course Title: HUMAN ANATOMY & PHYSIOLOGY I [BIOL 2401] Section 63502
Credit Hours: 4 Hours
Class Meeting Time: LECTURE: ROOM W32A: M/W 5:30PM – 6:50PM
LAB : ROOM H121: M/W 7:00PM – 8:20PM

Course Description: The study of the structure and function of the human body.
Course Prerequisites: Biology 1406 or equivalent, and departmental approval.

Required Textbooks and Materials:

- McGraw-Hill Connect® Access Code to Seeley for Graded Online Lecture Chapter Quizzes. (REQUIRED)
- (SEELEY TEXTBOOK NOT REQUIRED, RECOMMENDED ONLY) OR USE ANY TEXBOOK
  - [ACCESS CODE ONLY]
  - ISBN 9781259670121
Course Objectives AP I
The goal of this class is to introduce students to the fundamental elements of human structure and function. Students WOULD identify, explain and apply the structural & functional concepts to the following: cellular physiology, tissue organization, integumentary system, musculoskeletal system, basic neurobiology and organization of the human nervous system, chemical communication and signal pathways (with specific reference to the endocrine system). The emphasis of the lecture portion of the class will be on the physiology and the laboratory will focus on anatomy. This class is recommended for pre-medical and pre-allied health professionals. Preparing prior to the lectures is essential for doing well in this course.

Course Objectives: Students’ Learning Outcomes (SLO’s)
After completing this course, you will be able to:
1. Relate language and terminology of anatomy and physiology together.
2. Describe how the body maintains homeostasis. Differentiate between positive feedback mechanisms and negative feedback mechanisms, give examples of each.
3. Describe tissue types, location and functions (Epithelia/Connective/muscle/nervous). Compare healthy and diseased tissues.
4. Identify the major parts of skin, skeletal joints, muscle, and the nervous system and explain the function of each.
   c. Bones Tissue: Explain how bones grow and heal. And the role of hormones on blood calcium
   d. Describe the effects of sunlight, nutrition, hormonal secretions and exercise on bone development.
   e. Name the major bones and markings of the Axial & Appendicular skeleton
   f. Identify common bone and joint diseases and compare and contrast normal with abnormal functioning of joints and bones.
5. Describe how muscle, bones, and nerves work together to create movement.
   a. Compare and contrast the structures and functions of smooth, skeletal and cardiac muscle fibers.
   b. Explain the excitation-contraction coupling process.
   c. Describe the sliding filament model of muscle contraction.
   d. Identify and describe the symptoms of common muscular diseases.
6. Explain the arrangement of the nervous system.
   a. Explain the general functions of the nervous system.
   b. Describe and explain role of the major anatomical subdivisions of the nervous system.
   c. Describe how action potentials lead to changes in the body.
   d. Examine and describe the ways that stress affects the body.
   e. Describe the structure and function of the brain and the spinal cord.
   f. Identify a damaged cranial nerve by symptom.
   g. Describe the integration between the peripheral nervous system & central nervous system.
   h. Describe common nervous system diseases.
7. Explain how the Autonomic Nervous System (ANS) maintains homeostasis.
   a. Compare the parasympathetic with the sympathetic nervous system.
   b. Describe the physiology of the ANS.
8. Name several diseases and disorders of the body and explain what causes them.

Upon completion of this course students would be able to:
1. Demonstrate effective use of anatomical terminology and demonstrate sound knowledge of anatomical structures relating to all core concepts.
2. Demonstrate sound knowledge and understanding of the underlying physiological processes relating to all core concepts.
**Units of Instruction**: There’re 5 Modules. Presentation is in power-points, notes, audio and video presentations, Chapter quizzes for Lecture and Lab, and Clinical Applications.

**EXAMS**
- **5 MODULE EXAMINATIONS** (PROCTORED = SUPERVISED, AT MOUNTAIN VIEW OR MOST DCCCD’s) TESTING CTR; at student’s convenience. Except for the 5th and Final lecture which will be given in class only on one day (TBA).
- Your Lecture Exams would be available at the Testing Center (MVC Room S2101) for 2-5 days. Please check Testing Center Hours of operation at the MVC/Selected DCCCD Testing Center web-page and plan accordingly. https://alt.mountainviewcollege.edu/studservices/enrollment/testing/Pages/default.aspx?nobranding=true
- **LECTURE EXAMS (5)** ARE 100 MULTIPLE CHOICES: BEST ANSWER, MATCHING, WITH 3-8 DIAGRAMS,
  o Mostly Functions/Concepts (Physiology) and less Anatomy.
- **LAB PRACTICAL (4)**: FILL IN THE BLANKS WITH DIAGRAMS + LAB MODELS (50 questions); NO WORD BANK
  o ALL ANATOMY (NAME/IDENTIFY). Sometimes function.
- **CHAPTER QUIZZES (WEEKLY)**: Online. It covers the Learning Objectives for that Module. LECTURE: Take the Graded Chapter Quizzes when you’re comfortable. LIMIT = (2) “Attempts” for these Graded Chapter Quizzes. Click and submit for grading. BEST quiz score attempt is recorded. Practice Learnsmart Quizzes have UNLIMITED ATTEMPTS. But both have Limited Availability. See Quiz Rubric Chart Below
  - **LAB GRADED QUIZZES ONLINE (WEEKLY)**: MUST be completed Online by END OF Lab for that Topic. Has Deadlines. LIMIT= 2 ATTEMPTS, BEST ATTEMPT SCORE RECORDED

**Evaluation Procedures**

**Grading Policy: By Percentage Weight ONLY**

<table>
<thead>
<tr>
<th>Assignment</th>
<th>Weight</th>
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<tbody>
<tr>
<td>5 Modular Exams – 1 drop exam (lowest) = 4 exams @ 100 points each</td>
<td>40%</td>
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<tr>
<td>2-4 Clinical Application Write-Ups @ 50 points ea</td>
<td>10%</td>
</tr>
<tr>
<td>12-14 Online Lecture Chapter Quizzes (MHHE-Connect) @ 100 pts ea</td>
<td>15%</td>
</tr>
<tr>
<td>4 Laboratory Practical (No drop) &amp; Assessment @ 100 points each</td>
<td>30%</td>
</tr>
<tr>
<td>Lab ASSESSMENT: Online LAB Quizzes</td>
<td>5%</td>
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<tr>
<td>Total</td>
<td>100%</td>
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</tbody>
</table>

**Exams & Assignments**: See Above Chart

- **Lecture = 65%**
  - 5 Modular Exams – 1 Lowest score (= 4 LECTURE EXAMS) = 40% (OR 10% each)
    - MUST TAKE THE FINAL; CANNOT DROP THE FINAL LECTURE EXAM (Non-Comprehensive) = 40%
      - You may skip ANY one (1) of Lecture Exams I thru IV = zero (0) as the Lowest DROP
  - 100 questions (Multiple Choices/Matching); MOSTLY FUNCTIONS/PHYSIOLOGY
  - 2-4 Clinical Paper Write Ups (See Rubric Below-Appendix ) = 10%
  - Chapter Quizzes-Graded Online (Weekly) (See Rubric Below-Appendix DD) = 15%
      - A) MHHE-Connect Graded (15%)
• B) Learnsmart Practice (0%)

• Lab = 35%
  o 4 Modular Practical (No Drop) = 30%
  o Lab Assessment. (A + B) = 5%

  ▪ A) Lab Online Quizzes (LAB CONTENT FOLDER)
  • SEE ALSO LAB INSTRUCTION-COOKBOOK (LAB CONTENT FOLDER)
  • LAB QUIZZES ONLINE (5%): WEEKLY. LOCATED INSIDE THAT LAB MODULE (LAB CONTENT FOLDER ON ECAMPUS)

Grading Scale: Standard College Grading

<table>
<thead>
<tr>
<th>LETTER GRADE</th>
<th>PERCENTAGE</th>
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<tbody>
<tr>
<td>A</td>
<td>88 – 100%</td>
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<tr>
<td>B</td>
<td>78 – 87%</td>
</tr>
<tr>
<td>C</td>
<td>68 – 77%</td>
</tr>
<tr>
<td>D</td>
<td>58 – 67%</td>
</tr>
<tr>
<td>F</td>
<td>0 – 57%</td>
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</tbody>
</table>

PROCTORED EXAMS:
✓ Except for the Final Exam ALL Exams are Proctored (= Supervised) at DCCC Testing Ctrs
✓ LATE LECTURE/LAB ASSIGNMENTS WILL BE CREDITED AS ZERO AFTER DUE DATE

General Course Information for Oncampus BIOL-2401

Assignments Deadlines:
  o Are due on DUE DATES, No Deadline Extension are granted for any reason(s). Late/Missed Assignments/Exams would be recorded as zero.
  o NO EARLY OR LATE EXAM REQUESTS ARE GRANTED
  o Course Orientations Quiz is an open book for 50 points credit, 1 ATTEMPT ONLY
  o Chapter (Graded) quizzes are also open-book for 100 points each for 2 attempts. BEST attempt recorded
  o Lab Exercise (Graded) quizzes are open book (questions & points vary) 2 Attempts: BEST Attempt Recorded
  o OUR Weekly Schedule: For Online Assignments/Threads is
    o SUNDAY a.m. until SUNDAY MIDNITE (SUBMIT BY 11:55PM)
  o Deadlines. Odd things happen in cyberspace—emails get lost, servers disconnect temporarily, and logins fail. Do not wait for the last minute to do your work. Allow time to meet deadlines. Reply and check for replies on every email sent and received. You are responsible for getting the work to me on time
  o Each Module is as per schedule with 2-3 Lecture Topics/Chapters

Grade book (eCampus)

  o Computerized Lab Quizzes & MHHE-Connect Online Quizzes automatically records into eCampus grade book. If it doesn’t then you did not click on link in blackboard.
SPRING CLASSES ASSIGNMENT DUE DATES (NOT FOR EXAMS)

ALL ASSIGNMENTS (ONLINE QUIZZES) DUE DATES (END OF MODULE)

- MODULE I = MONDAY FEB. 4, 2019
- MODULE II = MONDAY MARCH 4, 2019
- MODULE III = MONDAY APRIL 8, 2019
- MODULE IV = MONDAY MAY 6, 2019
- MODULE V = WEDSDAY MAY 15, 2019 (END OF SCHOOL SEMESTER)

EXAM DUE DATES: Per Syllabus (Back Table/Chart):

<table>
<thead>
<tr>
<th>DATES</th>
<th>MODULE I</th>
<th>MODULE II</th>
<th>MODULE III</th>
<th>MODULE IV</th>
<th>MODULE V</th>
</tr>
</thead>
<tbody>
<tr>
<td>START</td>
<td>FEB. 12 TUE</td>
<td>MAR. 5 TUE</td>
<td>APRIL 9 TUE</td>
<td>APRIL 30 TUE</td>
<td>MAY 15 WED</td>
</tr>
<tr>
<td>END</td>
<td>FEB. 16 SAT</td>
<td>MAR. 9 SAT</td>
<td>APRIL 15 MON</td>
<td>MAY 6 MON</td>
<td></td>
</tr>
</tbody>
</table>

- (RECALL SEMESTER ENDS MAY 16TH THURSDAY)

Contacting Instructor

- BEST WAY TO REACH ME: jsimlin@dccc.edu
- Learn how to use your computer. If not, have someone else show you how. DO not contact with computer problems, please.
- Use your full name as well as section # in the email so I know which class you are in when I read your email.

Responding to email. I will check my email daily. I will respond to course related questions within 24–72 hours. I will post assignment due dates in the course Modules/eCampus and through updated messages just as I would in a regular class. Comments on formal assignments may take up to two weeks but probably less than that. I ask that you notify me when you have received critiques from me on your various assignments.

Your email Account:

Be sure to have a school email account and updated personal information on eConnect. If I sent a batch email out to you and the class for an announcement, and if it is returned (as undeliverable), I have no other way of reaching you. That responsibility is on you and not on me!

COMMUNICATION REMINDER:
You would need to be more specific in ALL future communication about the class:
- Your Full Name
- Course & Section #
- Specific Question: Chapter Quiz Assignment (Ex: CHP: 26: Special Senses question # 13!)

This would allow me to go directly into your Course/Assignment, resolve the problem and respond to you much faster.
I cannot identify you and what class or section you are in by your email handle.

Discipline/ Course/ Department/ Policies

- Late Paper (Assignment) Policy:
Are due on DUE DATES, No Deadline Extension are granted for any reason(s). Late/Missed Assignments/Exams would be recorded as zero.

NO LATE LAB EXERCISES/ASSIGNMENTS WILL BE GRADED AFTER DUE DATE. SUBMIT YOUR ASSIGNMENTS BEFORE 11:55PM FOR FULL CREDIT

MAKE-UP POLICY:

NO MAKE-UP LAB OR LECTURE EXAMS. PERIOD!! Due to time and lab space constrains

THEREFORE, PLAN ACCORDINGLY. POOR PLANNING ON YOUR PART DOES NOT CONSTITUTE AN EMERGENCY ON MY PART.

JUSTIFIABLE EXCUSE: Should you have a Justifiable Documented Excuse for missing one exam (i.e. a VERIFIABLE signed doctor’s note (I WILL CALL the physician) on Clinic letter head explaining reason for your absence, Hospital Admission Notes, a funeral program with your name listed as a family or friend, or a police report saying you were in an accident, etc. at the time of the exam) at the discretion of this instructor, you may possibly replace your missed exam grade with your next exam grade but NOT for your Final exam. This may apply to one exam only.

Student Responsibilities:

- Please Take Responsibility for your education.
- It’s your Career, put in your BEST Effort Forth Every time & Every DAY
- You will need Anatomy & Physiology EVERYDAY of your Medical career (Unlike any other courses)
  - Therefore, MASTER IT NOW!! MASTER IT NOW PLEASE!!!

INSTITUTIONAL POLICIES

ACADEMIC DISHONESTY

NOTIFICATION OF ABSENCE DUE TO RELIGIOUS HOLIDAY(S)

AMERICANS WITH DISABILITIES ACT (ADA) STATEMENT

North Lake College provides academic accommodations to students with disabilities, as defined under ADA law. It is the student’s choice and responsibility to initiate any request for accommodations. If you are a student with a disability who requires such ADA accommodations, please contact Mountain View College's Disability Services Office in person (Room:S2080) or by phone at 214-860-8677.

https://www.dcccd.edu/services/disability/pages/mvcdisabsvs.aspx

DROP POLICY

LAST DAY TO WITHDRAW FOR REGULAR CLASSES: 4/12/2018.

STOP BEFORE YOU DROP

https://www1.dcccd.edu/coursedrops

FINANCIAL AID STATEMENT

http://www.fafsa.ed.gov

COUNSELING SERVICES

To make an appointment call 214-860-3640 or visit S2076.

MVC-lets-talk@dcccd.edu
THE ACADEMIC SKILLS CENTER (ASC) (FORMERLY THE WRITING CENTER) A-332

For more information or to schedule a tutoring appointment, come by W-114 or call 214-860-5606. or email mvcwritingcenter@dcccd.edu.

Tech Support:
http://dallastelecollege.dcccd.edu/techsupport.html

Help Desk:
For Technical support please contact the “Help Desk” by using the button on the Course home page. Or Call 1-866-374-7169 or 972-669-6402 for any INTERNET/eCAMPUS Issues or Concerns.
Contact me for your A & P questions: concepts, exams, assignments, and testing ONLY and NOT for any Internet/computer issues please!

Testing Center Info:
• MVC Location: Room S2101; Tel: 214-860-8571.
• Regular Semester Hours (YOUR RESPONSIBILITY TO VERIFY HOURS!!): M-R 8:30am – 9:00pm; F: 8:00am-5:00pm; Sat: Room W144( computer based only) 9:00am – 4:00pm.
• LAST EXAM GIVEN 30 MIN PRIOR TO CLOSING. Please plan accordingly.
• Call for holiday hours and MINIEMESTER Hours.
• https://alt.mountainviewcollege.edu/studservices/enrollment/testing/Pages/default.aspx?nobranding=true
• For other DCCCD Testing Center Locations, please check or call for their hours of operation (varies)

Science Center
• Located in W146 at MVC (towards the back of the main computer lab)
• Available to you for help with tutor(s).
  https://www.mountainviewcollege.edu/services/academic-support/tutoring/pages/locations.aspx
  ➢ The website above doesn’t have the science tutoring listed but the “Math Tutoring Center” will provide you with the correct information on availability of tutors and their hours.

Students with Disabilities:
For more information regarding the College Disability Services Office, please visit the Student Services website: dcccd.edu/DSO Offices or contact DCCCD Office of Institutional Equity at (214) 378-1633.

Mountain View College Disability Services Office: S1053, 214-860-8677
www.dcccd.edu/titleIX.

Mountain View College Title IX Coordinator:
Johnetta Banks- Senior Program Development Specialist for Disability Services.
johnettabanks@dcccd.edu
214-860-8871
EXEMPLARY EDUCATIONAL OBJECTIVES
http://www.dcccd.edu/ Employees/ Departments/ EA/ Academic+ Programs/ Core+ Curriculum/ Faculty+ Resources/

LETTER OF RECOMMENDATION REQUEST

Letter of Recommendation Request for your Program Application:
While always willing to write such letters, you must satisfy the following:
A) Make a personal request and interview with me. I MUST know you.
B) Have an outstanding performance in my classes with an A or a good B grade
C) Provide the Recommendation Form (with your signed waiver)
D) Your Updated Resume/CV and Unofficial Transcript(s)
E) Name/Address of program coordinator with a stamped envelope.
F) Deadline/Due Date: you MUST allow me a minimum of 3-4 weeks to write you a good letter.

ASSIGNMENT DUE DATES

<table>
<thead>
<tr>
<th>ASSIGNMENTS</th>
<th>DUE DATES</th>
<th>SCORES POSTING INTO GRADE BOOK</th>
</tr>
</thead>
<tbody>
<tr>
<td>LECTURE CHP QUIZZES (McGRAW-HILL)</td>
<td>DATES ON MHHE-CONNECT WEBSITE ASSIGNMENT PAGE</td>
<td>WITHIN 48HRS IF YOU HAVE SINGLE SIGN-IN (W/BOTH eCAMPUS &amp; MHHE-CONNECT)see Instruction on Announcement page</td>
</tr>
<tr>
<td>LAB ONLINE QUIZZES (Ecampus)</td>
<td>DUE DATES ON ECAMPUS ASSIGNMENT PAGE; OPEN SUNDAY A.M END SUNDAY MIDNIGHT</td>
<td>IMMEDIATELY</td>
</tr>
<tr>
<td>CLINICAL PAPERS</td>
<td>DUE DATES PER SYLLABUS, AND IN COURSE DOCUMENTS</td>
<td>UPTO 1 WEEK AFTER DUE DATE</td>
</tr>
<tr>
<td>EXAMS (LECTURE &amp; LAB)</td>
<td>REGULAR SEMESTER:</td>
<td>Within 1 week</td>
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<td>• AVAILABLE 4-5DAYS.</td>
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<td></td>
<td>• (4-5DAYS) TYPICALLY TUES- SAT</td>
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<tr>
<td></td>
<td>• DUE DATES PER SYLLABUS TABLE</td>
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</table>
Required Textbooks and Materials

REQUIRED MINIMUM: (A) 1 ACCESS CODE (B) ANY A & P TEXTBOOK, SEELEY IS RECOMMENDED (NOT REQUIRED)

LECTURE: 1) Openstax eTextbook **REQUIRED**
- ISBN: 9781938168130
- https://openstaxcollege.org/textbooks/anatomy-and-physiology
  FREE!!!

2) McGraw-Hill Connect PLUS Access Code **REQUIRED**
- Seeley, Rod et al: Anatomy and Physiology Connect® Access Code
  - ISBN: 9781259670139 OR
  - ISBN: 9781259996351
- (CUSTOMIZED FOR MOUNTAIN VIEW COLLEGE)

How to buy McGraw Hill Connect Access Code:

https://shop.mheducation.com/store/cart

How to Register with a Student Access Code


LAB: **LAB MANUAL NOT REQUIRED**
**TENTATIVE COURSE SCHEDULE/CALENDAR**

This could be revised as the Semester Progresses.
Complete the ASSIGNED Online Graded Lab Quizzes (On eCampus) & Lab Manual (KENDALL-HUNT) Exercise Completion (Graded).
**You MUST complete Lab Quizzes & Assignments by SUNDAY MIDNIGHT.**

<table>
<thead>
<tr>
<th>DATE</th>
<th>LECTURE TOPIC</th>
<th>CHAPTER</th>
<th>LEC EXAM STARTS: THURSDAY ENDS: TUESDAY</th>
<th>LAB TOPICS</th>
<th>LAB PRACTICUM (WEDNESDAY OF EXAM WEEK: DURING NORMAL LAB PERIOD)</th>
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<tbody>
<tr>
<td><strong>MODULE I:</strong></td>
<td><strong>WEEKS 1-3 TOPICS</strong></td>
<td>SEELEY's</td>
<td></td>
<td>Anatomical Terminology, Histology, &amp; Integumentary</td>
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<tr>
<td><strong>WEEK 1</strong></td>
<td>Course Overview/Intro to</td>
<td>CHP 1</td>
<td></td>
<td>Anatomical Terminology</td>
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<tr>
<td>1/20 – 1/27</td>
<td>Anatomy &amp; Physiology</td>
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<tr>
<td><strong>WEEK 2</strong></td>
<td>Course Overview/Intro to</td>
<td>CHP 1</td>
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<td>Anatomical Terminology &amp; Histology</td>
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<td>1/27 – 2/3</td>
<td>Anatomy &amp; Physiology Tissue Level of</td>
<td>CHP 4</td>
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<td></td>
<td>Organization</td>
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<tr>
<td><strong>WEEK 3</strong></td>
<td>Tissue Level of Organization</td>
<td>CHP 4</td>
<td></td>
<td>Histology &amp; Integumentary</td>
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<tr>
<td>2/3 - 2/10</td>
<td>Integumentary System</td>
<td>CHP 5</td>
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<tr>
<td><strong>WEEK 4</strong></td>
<td>Integumentary System</td>
<td>CHP 5</td>
<td><strong>MODULE I EXAM CHP 1,4,5 (STARTS)</strong></td>
<td>Integumentary</td>
<td><strong>Practical #1</strong> Anatomical Terminology, Histology, &amp; Integumentary</td>
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<td>2/10 – 2/17</td>
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<tr>
<td><strong>MODULE II</strong></td>
<td><strong>WEEK 4-6 TOPICS</strong></td>
<td></td>
<td><strong>AVAILABILITY 4-5 DAYS</strong></td>
<td>Bone Tissues, Appendicular, &amp; Axial Skeleton</td>
<td><strong>AVAILABILITY 4-5 DAYS</strong></td>
</tr>
<tr>
<td><strong>WEEK 5</strong></td>
<td>Bone Tissue/Physiology</td>
<td>CHP 6</td>
<td></td>
<td>BONE TISSUE</td>
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<td>2/17 – 2/24</td>
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<tr>
<td><strong>WEEK 6</strong></td>
<td>Skeletal System: Axial &amp;</td>
<td>CHP 7</td>
<td></td>
<td>APPEND SKELETON</td>
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<tr>
<td>2/24 – 3/3</td>
<td>Appendicular Skeleton</td>
<td>CHP 7</td>
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<tr>
<td><strong>WEEK 7</strong></td>
<td>Axial &amp;</td>
<td>CHP 7</td>
<td><strong>MODULE II EXAM CHP 6,7, 8 (STARTS)</strong></td>
<td>AXIAL SKELETON</td>
<td><strong>Practical # 2: Bone Tissues, Appendicular, &amp; Axial Skeleton</strong> (NO JOINTS ON LAB)</td>
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<tr>
<td>3/3 – 3/10</td>
<td>Appendicular Skeleton Articulations</td>
<td>CHP 8</td>
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<td>JOINTS</td>
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<tr>
<td>Module</td>
<td>Week 7-10 Topics</td>
<td>Availability</td>
<td>Muscle Tissue, Skeletal Muscle, &amp; Nervous Tissue</td>
<td>Availability</td>
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<tr>
<td><strong>Module III</strong></td>
<td>WEEK 8</td>
<td>Muscle Tissue/Physiology</td>
<td>CHP 9</td>
<td>MUSCLE TISSUE</td>
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<td><strong>Week 9</strong></td>
<td>3/24 – 3/31</td>
<td>Muscular System</td>
<td>CHP 10</td>
<td>SKELETAL MUSCLE</td>
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<td><strong>Week 10</strong></td>
<td>3/31 – 4/07</td>
<td>Neural Tissue/Physiology</td>
<td>CHP 11</td>
<td>NERVOUS TISSUE</td>
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<thead>
<tr>
<th>Module</th>
<th>Week 11-13 Topics</th>
<th>Availability</th>
<th>Spinal Cord &amp; Brain, Spinal/Cranial Nerves, &amp; ANS</th>
<th>Availability</th>
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</thead>
<tbody>
<tr>
<td><strong>Module IV</strong></td>
<td>WEEK 11</td>
<td>Spinal Cord &amp; Spinal Nerves</td>
<td>CHP 12</td>
<td>Practical # 3: Muscle Tissue, Skeletal Muscle, &amp; Nervous Tissue</td>
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<tr>
<td><strong>Week 12</strong></td>
<td>4/07 – 4/14</td>
<td>Spinal Cord &amp; Integrations</td>
<td>CHP 14 (PPT NOTES W/ CHP 13 NOTES)</td>
<td>EX 11: SPINAL CORD &amp; BRAIN</td>
</tr>
<tr>
<td><strong>Week 13</strong></td>
<td>4/21 – 4/28</td>
<td>Brain &amp; Functions</td>
<td>CHP 13</td>
<td>EX 12: SPINAL/CRANIAL NERVES &amp; ANS</td>
</tr>
<tr>
<td><strong>Week 14</strong></td>
<td>4/28 – 5/05</td>
<td>Brain &amp; Integrations</td>
<td>CHP 13</td>
<td>EX 11: SPINAL CORD &amp; BRAIN</td>
</tr>
<tr>
<td><strong>Week 15</strong></td>
<td>5/05 – 5/12</td>
<td>Peripheral Nerves/CNS Integrations</td>
<td>CHP 16</td>
<td>EX 12: SPINAL/CRANIAL NERVES</td>
</tr>
<tr>
<td><strong>Week 16</strong></td>
<td>5/12 – 5/15 (STARTS-ENDS)</td>
<td>FINAL EXAM: CRANIAL NERVES &amp; ANS</td>
<td>CHP 13 (CN’s ONLY) 8,16</td>
<td>MODULE V EXAM (FINAL)</td>
</tr>
</tbody>
</table>

**LECTURE EXAMS/QUIZES ARE MULTIPLE CHOICES/MATCHING with 3-8 diagrams**
MOSTLY PHYSIOLOGY (FUNCTIONS), FEW ANATOMY (100 questions)

- LAB PRACTICAL: MULTIPLE CHOICES/MATCHING DIAGRAMS (50-100 questions).
  - ALL ANATOMY (NAME/IDENTIFY), some function.
  - PAY DETAILED ATTENTION TO ORIENTATION (RIGHT/LEFT) ON THE MODEL/PATIENT

- NO LATE LAB EXERCISES/ASSIGNMENT WILL BE GRADED AFTER DUE DATE (AFTER 11:55PM)
- NO MAKE-UP LAB OR LECTURE EXAMS. NO EARLY EXAMS PERIOD!!!! NO TIME EXTENSIONS FOR ANY REASON
- You MUST take the Final Exam to be able to drop your lowest lecture grade. And You CANNOT drop the Final Exam.

ADDITIONAL HELPFUL WEB-LINKS FOR A&P (*HIGHLY RECOMMENDED SUPPLEMENT)

*Web Anatomy: Several Quizzes: [http://msjensen.cehd.umn.edu/Webanatomy/](http://msjensen.cehd.umn.edu/Webanatomy/)