

GENERAL HUMAN ANATOMY: ORIENTATION

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MY BACKGROUND

- Born and raised in SoCal
- Undergrad in Santa Barbara (UCSB)
 - Zoology
 - Biopsychology
- Graduate training in Miami (University of Miami)
 - MD which makes me a physician
 - PhD (Neuroscience) which makes me a scientist
- Residency training in Anatomical Pathology at UCLA
 - What is Pathology?
 - The study of mechanism of disease
 - Uses everything from autopsies to microscopy to genetic testing
- Currently teaching at SMC, WLAC, and UCLA, as well as working for start-up companies
 - Chief Medical Officer at SAFE
 - Educational Director at Forge Modern

YOUR BACKGROUND

- Name, Age
- Where you are from
- What prior science courses you've taken
- Why are you taking the course?
- What are some long term career goals?
- What's your favorite music?
- What are some hobbies?

REQUIRED MATERIALS

- Textbooks
 - Principles of Human Anatomy, 14th Ed. by Tortora and Nielsen,
 - Plus Wiley online access
 - Laboratory Manual for Human Anatomy & Physiology, 6th Ed. by Allen and Harper
- Scantrons
 - Five 100 question #882E or equivalent
 - 12 small quiz strips, 15 question, #815E or equivalent
- Paper, pens, #2 pencils, 3X5 index cards
- Lab materials

CANVAS WITH WILEY PLUS

- Online platform for students and professors
- Grades, lecture power points, and materials will be posted there

COURSE SCHEDULE & GRADING

- 31 classes
- Four major exams
- 12 quizzes, on Wednesdays, starting this week
- Homework (online questions)
- Participation

PARTICIPATION

- Class attendance
 - One point per day
 - Being on time AND not leaving early
- Lab activities and questions
 - One point per chapter
 - Complete all assigned activities and questions in class

HOMEWORK

- Online questions
- Complete the “Assessment” questions for each chapter covered that day
- Must be completed BEFORE the start of the next class
- This Wednesday is an exception so you can get books....so Ch 1 and 2 are due before class (i.e. 6:45 pm) on Wednesday the 5th
- Two points per chapter
 - One point for completing the questions
 - One point for getting $\geq 70\%$

HOME WORK

The screenshot shows a web browser window with the following elements:

- Browser Tab:** 2018 Fall - ANATMY 1 (11 x)
- Address Bar:** <https://online.smc.edu/courses/17838>
- Course Content List:**
 - Exhibit 1.A: Directional Terms: (Figure 1.5)
 - 1.5 Body Cavities
 - 1.6 Abdominopelvic Regions and Quadrants
 - 1.7 The Human Body and Disease
 - 1.8 Aging
 - 1.9 Medical Imaging
 - 1.10 Measuring the Human Body
 - Ch 1: Adaptive Practice (0 pts)
 - Ch 1: Assessment (Sep 5 | 2 pts)** (highlighted with a red arrow)
- Left Sidebar (Navigation):** Account, Dashboard, Courses, Calendar, Inbox, Help & Academic Resources
- Bottom Status Bar:**
 - 63 You are currently logged into Student View
 - Resetting the test student will clear all history for this student, allowing you to view the course as a brand new student.
 - Buttons: Reset Student, Leave Student View
 - System Tray: 8:26 PM, 8/21/2018

Date	Day	Lecture Topic	Text Ch	Lab Topic	Lab Ch	Exams
8/27/2018	M	Orientation, Intro Body	1	Language, Microscope	1, 3	
8/29/2018	W	Cells	2	Systems, Cells	2, 4	Quiz 1 (Ch 1)
9/3/2018	M	NO CLASS- Labor Day				
9/5/2018	W	Tissues	3	Tissues	6	Quiz 2 (Ch 2)
9/10/2018	M	Development, Surface Anatomy	4, 27	Development, Surface	15, 40	
9/12/2018	W	Integumentary, Review	5	Integumentary	7	Quiz 3 (Ch 3, 4, 27)
9/17/2018	M	Midterm 1				Midterm 1
9/19/2018	W	Bone Tissue	6	Bone Tissue	8	
9/24/2018	M	Axial Skeleton	7	Axial Skeleton	9	
9/26/2018	W	Appendicular Skeleton	8	Appendicular Skeleton	10	Quiz 4 (Ch 6, 7)
10/1/2018	M	Joints, Muscular Tissue	9, 10	Joints, Muscular Tissue	11, 12	
10/3/2018	W	Axial Muscles	11	Axial Muscles	14	Quiz 5 (Ch 8-10)
10/8/2018	M	Appendicular Muscles	11	Appendicular Muscles	14	
10/10/2018	W	Review				Quiz 6 (Ch 11)
10/15/2018	M	Midterm 2				Midterm 2
10/17/2018	W	Blood, Heart	12, 13	Blood, Heart	26-28	
10/22/2018	M	Blood Vessels	14	Heart Dissection, Vessels	29, 30	
10/24/2018	W	Lymphatics, Respiratory	15, 23	Lymphatics, Respiratory	31, 32	Quiz 7 (Ch 12-14)
10/29/2018	M	Urinary System	25	Urinary System	36	
10/31/2018	W	Digestive System	24	Digestive System	34	Quiz 8 (Ch 15, 23, 25)
11/5/2018	M	Reproductive System	26	Reproductive System	38, 39	
11/7/2018	W	Review				Quiz 9 (Ch 24, 26)
11/12/2018	M	Midterm 3				Midterm 3
11/14/2018	W	Nervous Tissue	16	Nervous Tissue	16	
11/19/2018	M	Brain	18	Brain Dissection	20	
11/21/2018	W	Spinal cord and Nerves	17	Spinal cord and Nerves	17, 18	Quiz 10 (Ch 16, 18)
11/26/2018	M	Major Tracts and Autonomics	19, 20	Reflexes, Autonomics	19, 22	
11/28/2018	W	General and Special Senses	20, 21	Senses, Eye Dissection	23, 24	Quiz 11 (Ch 17, 19, 20)
12/3/2018	M	Endocrine System	22	Endocrine System	25	
12/5/2018	W	Review		Human Cadaver		Quiz 12 (Ch 20-22)
12/10/2018	M	Final Exam				Final Exam

QUIZZES

- Every Wednesday....starting next week (Quiz 1 & 2)
- 8 questions each
- One point per question
- Start at the beginning of class, so don't be late (No make-ups)
- Lowest score is dropped
- Intended to be very easy if you read and study “red starred” lecture slides
- Chapters covered on each quiz are listed in the syllabus

EXAMINATIONS

- **Midterms**
 - Mondays September 17th, October 15th, and November 12th
 - 64 questions (mostly multiple choice)
 - 20 practical (10 fill-in)
 - 44 lecture (all multiple choice)
 - 2 hours each, with a break between the practical and lecture components
- **Final exam**
 - Wednesday December 10th from 6:45 to 10:0 pm
 - 100 questions (mostly multiple choice)
 - 20 practical (recent material only, 10 fill-in)
 - 40 lecture (recent material)
 - 40 lecture (cumulative)
 - Approximately 3 hours, with a break between the practical and lecture component

POINTS SUMMARY

Participation	Class attendance	31	1 pt per class
	Home work questions (online)	54	2 pt per text chapter
	Lab activities and questions	35	1 pt per lab chapter
Quizzes	12 Quizzes (8 questions each)	88	Drop the lowest
Midterm 1	Lecture	44	
	Practical	20	
Midterm 2	Lecture	44	
	Practical	20	
Midterm 3	Lecture	44	
	Practical	20	
Final Exam	Lecture	80	40 Qs on recent, 40 Qs cumulative
	Practical	20	Recent material only
Total		500	

GRADES

A	450-500	>90%
B	400-449	>80%
C	350-399	>70%
D	300-349	>60%
F	0-299	<59%

TIPS FOR SUCCESS

- Learning anatomy is like learning a foreign language
- Read...do questions...read more....do more questions...and more questions
- Try and study a little every day
- Use google or a medical dictionary when studying
- All of the material cannot be covered in class, there will likely be some exam questions that are covered in the book and not in class
- Do ALL of the online practice questions , even the ones not assigned as homework
- I will provide a review before each exam... this will cover the most important topics, likely to be on the exam
- I will also highlight lecture points in yellow that are likely to be on the exam
- Make flash cards...this is VERY useful
 - Make them while reading
 - Making them helps to solidify memory, by writing
 - Rapid review before exams
- How many people will print out lectures ahead of time to make notes on them?