

# Course Syllabus

[Jump to Today](#)

 [Edit](#)

## Instructor:

Manel Camps                      [mcamps@ucsc.edu](mailto:mcamps@ucsc.edu)

Phone #                              831 459-5396

Zoom PMID    (both for one-on-one *ad hoc* meetings and for office hours)

[Manel Camps's personal meeting room](https://ucsc.zoom.us/j/6583467362?pwd=ZDE1MXh6cW4yMmQyYkluMU5ZWnZFdz09)    [\\_\(https://ucsc.zoom.us/j/6583467362?pwd=ZDE1MXh6cW4yMmQyYkluMU5ZWnZFdz09\)\\_](https://ucsc.zoom.us/j/6583467362?pwd=ZDE1MXh6cW4yMmQyYkluMU5ZWnZFdz09)

## Office hours:

Wed, 1:00 -2:00 pm

Please use my personal meeting room for these sessions

## Teaching Assistants

Sami Michishita

email [smichish@ucsc.edu](mailto:smichish@ucsc.edu) (<mailto:smichish@ucsc.edu>)

Office Hours: Wed 2-3 pm

[Sami Michishita's personal meeting room](https://ucsc.zoom.us/my/smichish?pwd=cnREWWNkaDRtRU9VTW5pVTdkWTE4QT09)    [\\_\(https://ucsc.zoom.us/my/smichish?pwd=cnREWWNkaDRtRU9VTW5pVTdkWTE4QT09\)\\_](https://ucsc.zoom.us/my/smichish?pwd=cnREWWNkaDRtRU9VTW5pVTdkWTE4QT09)

## **METX135 (Lecture)**

MW 9:00-12:30 am on Zoom via Canvas

[Zoom link for the lectures](https://ucsc.zoom.us/meeting/register/tJUoc-Ghpz8sE92RqtLugjgeUwEjl2MB68qW%C2%A0)    [\\_\(https://ucsc.zoom.us/meeting/register/tJUoc-Ghpz8sE92RqtLugjgeUwEjl2MB68qW%C2%A0\)\\_](https://ucsc.zoom.us/meeting/register/tJUoc-Ghpz8sE92RqtLugjgeUwEjl2MB68qW%C2%A0)

Attendance will be taken and will count toward the final grade

Pre-recorded lectures from last year are available on Tegrity (via M-H Connect). Please watch them ahead of the lecture. Some of the material covered in these recordings has been rearranged or taken out for summer session. I'll indicate the changes in the title of the recordings.

Smartbook 2.0 assignments will also be tied to individual lectures and due at the time of the corresponding lecture (see below)

## **METX135L (lab)**

<https://canvas.ucsc.edu/courses/44529/assignments/syllabus>

Tu, Th 9:00-11:00 am

## **COURSE ORGANIZATION**

I designed this class to provide a solid foundation for a variety of human health-related disciplines, and I have seen many of my students go on to Medical, PA, PT, Dental, and Nursing Schools but what you get out of this class depends on how much work you put into it. The class is very information-heavy and **staying on top of the material is really critical**, but challenging, particularly during Summer Session.

Both the lecture and lab will be taught online.

### **Lecture**

Last year I learned how to leverage technology to improve the delivery of the class. Pre-recorded lectures will be available on tegrity (accessible by going to M-H Connect) so that you can watch them ahead of class. Providing asynchronous lectures allows me to use the time allocated to the class for more active and interactive learning. Having the ability to control more precisely what you see and to create spaces for participation are other features of the online environment that are really helpful for this class. So pedagogically, the lecture delivered online may be a superior experience compared to the brick-and-mortar classroom.

However, I can't replace the social experience of an in-person class and the motivation that goes with it, I am sorry. To try to provide some degree of structure, and to promote social interaction and engagement I am doing the following:

1. Making attendance mandatory; this is critical to help you stay on top of the material and to help you connect with other students attending this class.
2. Dedicating one third of the time to active learning exercises.
3. Encouraging attendance to office hours.

Engagement and participation are really critical in the online environment. Plus, In the past, attendance to class and to office hours has correlated well with the final grade so I think I am doing you a favor by using every tool at my disposal to encourage attendance and participation.

### **Lab**

I also think the lab can benefit from the use of using virtual tools. The reason is that virtual dissection tools give you the ability to control which system you are looking at (muscular, skeletal, nervous, etc.), and which layer within this system you are seeing; labeling is much clearer as well. Another big advantage is that you have access to these materials any time you want as opposed to being accessible only during lab hours. Having said that, I wish you could see the real bones and real cadaver, and I have included a recording of an observational cadaver lab in this course, and in the future, I plan to offer the lab in hybrid format.

### **Online classroom teaching:**

***Synchronous lectures:***

Please watch pre-recorded lectures available on tegrity before starting the class.

Please send any questions or areas you'd like me to cover again via chat at the beginning of the lecture.

I will then use the time assigned to the lecture to answer questions live and to do interactive work via zoom.

The lectures are largely based on the textbook and supplemented through supporting materials from the web or additional readings. You'll have access to each of these materials through the page corresponding to each lecture.

Approximately one-third of the time will be dedicated to consolidating the material learned on the other two lectures by opening the floor to Q + A, and through active learning exercises.

***Lecture materials:***

For each lecture, you'll find the following materials, organized by individual lectures in the "pages" section of canvas.

- A recording of last year's lecture
- Lecture slides
- A list of key terminology or "vocab list"; **this list can also be used later as a study guide**
- Interspersed with the vocab list, you'll find active learning questions for you to solve on your own time (individually or with other students). We'll go over them during the active learning sessions. Some of the **questions in the exams will be drawn from these active learning questions**. Therefore, I would highly encourage you to spend time doing these exercises.
- For the bone and muscle lectures, I will also be posting coloring plates from *Netter Anatomy* (in the corresponding Lecture folder) to use as an additional reference.

**Laboratory:**

During your assigned session, Sami (your teaching assistant) will be leading a discussion of the material on the Anatomy & Physiology Revealed, the virtual Dissection platform that is available through Connect.

The worksheets for each session are already posted on the "pages" section of Canvas. During the session, you'll go through them in a participatory way, making guesses using your annotation tool as to where on the screen shown the different structures listed are located and answering short questions.

After the session, you can continue to work on the worksheets in your own time since you have access to this virtual dissection tool through Connect.

In addition, we'll show one observational cadaver lab that we have recorded.

**RESOURCES:**

**Textbook:****Lecture:**

Human Anatomy, by Kenneth Saladin 6th<sup>th</sup> Edition McGraw Hill Eds.

You will need Connect, the connectivity tool associated with the textbook, for your Smartbook assignments and also for your lab. I have integrated Connect with Canvas. When you link up to Connect for the first time, you'll need to register. The courses' name is "METX135 and METX135L summer 2021"

PLEASE DON'T PURCHASE ACCESS TO CONNECT, just purchase the textbook if you would like a paper copy (the electronic version is included in Connect). I have worked out a deal with the BayTree Bookstore, which will have the textbook for \$45. Access to Connect is free for the first two weeks, and then the cost is \$80 but I got it covered by CRRSAA (Covid emergency) funding. To request free access to Connect and to purchase the textbook at a discounted price, please fill out the following form:

<https://forms.gle/EWMCHXG3ithbxWkN8> [\\_ \(https://forms.gle/EWMCHXG3ithbxWkN8\)](https://forms.gle/EWMCHXG3ithbxWkN8)

Topics not covered by the textbook will be covered through supplemental material or videos; if discussed in class, these additional materials will be included in the tests.

Optional (truly fascinating reads linking neuroanatomy with human behavior)

1. *The Addictive Brain* by Thad A. Polk [Chantilly, Va.] : Teaching Company, [2015]
2. *Neurotribes: the legacy of autism and the future of neurodiversity* by Steve Silverman. Avery [2015]
3. *The Unspeakable Mind: Stories of Trauma and Healing from the Frontlines of PTSD* science by Shaili Jain; HarperCollins, NY [2019]

**Lab:**

We'll primarily use the following website that allows you to see microscope slides of a variety of tissues virtually. <http://www.histologyguide.com>

If you need a textbook as a reference, this is a good one, but you really should not need to purchase it.

*Atlas of Human Histology A Guide to Microscopic Structure of Cells, Tissues and Organs*

Robert L. Sorenson and T. Clark Brelie 2014 3<sup>rd</sup> Edition

**Connect:**

Connect is integrated with Canvas.

The course is "METX135 and METX135L with LearnSmart Prep"

When you try to connect for the first time, you'll go through registration. Please go to the following web address and click the "register now" button

<https://connect.mheducation.com/class/m-camps-spring-2021-1>

<https://canvas.ucsc.edu/courses/44529/assignments/syllabus>

If you have any issues while registering you can get help here: <https://bit.ly/StudentRegistration> (<https://bit.ly/StudentRegistration>). For any other issues regarding Connect, please contact McGraw-Hill's Customer Experience team through <http://www.mhhe.com/support> or at 800-331-5094.

We will use Connect for *Smartbook* assignments, which will constitute 20% of the final grade (see below)

Connect is also a portal for accessing pre-recorded lectures through *integrity*

In addition, Connect has a number of study materials, including virtual dissection and quizzes.

### **Deadlines:**

- **Drop** - Monday, June 28 (tuition reversed)
- **Financial Aid Disbursement** - Monday, June 14 (if enrolled by [June 1 priority deadline](https://financialaid.ucsc.edu/cost-to-attend/summer-students/financial-aid-timeline.html) (<https://financialaid.ucsc.edu/cost-to-attend/summer-students/financial-aid-timeline.html>))
- **No classes** are held in observance of Independence Day - Monday, July 5
- **Request "W" Grade** - Friday, July 9 (no tuition reversal)
- **Change Grade Option** - Friday, July 9
- **Grades Due** - Thursday, July 29

### **Weekly Schedule**

| <b>Week</b>     | <b>Date</b> | <b>Lecture</b>                                 | <b>Date</b> | <b>Lab</b>                        |
|-----------------|-------------|--|-------------|-----------------------------------|
| <b>Week one</b> |             | Introductory session                           |             |                                   |
|                 |             | Zoom, with <i>Smartbook</i> and <i>tegrity</i> |             |                                   |
|                 |             | Use of virtual dissection tools                |             | <b>Lab1</b>                       |
|                 | Mon         | Introduction to virtual histology site         | Tue         | Introduction to anatomical terms, |
|                 | June 21     | <b>Lectures 1, 2</b>                           | June 22     | Axial skeleton                    |
|                 |             | Anatomical terms                               |             | Bone and muscle histology         |
|                 |             | Bone Biology                                   |             |                                   |
|                 |             | Axial skeleton                                 |             |                                   |
|                 | Wed         | <b>Lectures 3,4</b>                            | Thu         | Lab 2                             |
|                 | June 23     | Terms of movement                              | June 24     | Appendicular skeleton             |
|                 |             | Appendicular skeleton                          |             | Muscles of head                   |

|                                  |         |
|----------------------------------|---------|
| Axial muscles                    | 266-276 |
| Muscles of the torso             | 277-278 |
| Muscles of the torso (continued) | 282-284 |
| Muscles of abdomen               | 279-281 |

muscles of head,  
neck  
and thorax

### Lab 3

Mon June 28 **Juneteenth Holiday: No Class**

Tue  
June 29

Muscles of upper  
and lower limbs,  
abdomen and pelvic  
floor; muscular  
attachments

### Week two

| Lectures 5,6             | <u>pages</u> |
|--------------------------|--------------|
| Muscles of arm, and hand | 292-306      |
| Muscles of pelvic floor  | 285-286      |
| Muscles of leg           | 307-318      |
| Muscles of the feet      | 319-320      |
| Muscles of respiration   | 277-278      |

Wed June  
30

Thu  
July 1

Cadaver lab

### Week Three

Mon July 5 **Independence Day: no class**

Tue  
July 6

**Practical midterm  
#1**

### Lecture midterm exam

| Wed July 7 | Lecture 7                        | <u>pages</u> |
|------------|----------------------------------|--------------|
|            | Example of special organ:<br>Eye | 476-487      |

Thu  
July 8

### Lab 4

Brain, special  
organs

### Week four

| Mon July 12 | Lecture 8,9                     | <u>pages</u> |
|-------------|---------------------------------|--------------|
|             | Circuitry of the nervous system | 348-350      |
|             | CNS                             | 402-422      |

Tue  
July 13

### Lab 5

Central, Peripheral,  
Autonomic Nervous  
system

## Peripheral NS

378-387, 423-432

**Lectures 10,11**pages

|                       |                      |         |            |                        |
|-----------------------|----------------------|---------|------------|------------------------|
| Wed                   | ANS vs PNS           | 439-452 | Th         | <b>Lab 6</b>           |
| July 15               | CSF                  | 398-401 | July 16    | Cardiovascular,        |
|                       | Heart                | 536-548 |            |                        |
|                       | Circulatory system   | 565-595 |            |                        |
| <b>Lecture 12,13:</b> |                      |         |            |                        |
| Mon                   | Digestive            | 653-678 | Tue        | Review session for     |
| July 20               | Flora                |         | July 21    | lecture and practical  |
|                       |                      |         |            | finals                 |
| <b>Week five</b>      |                      |         |            |                        |
| Wed                   |                      |         |            |                        |
| July 22               | <b>Lecture final</b> |         | Th July 23 | <b>Final Practical</b> |

\*Pages refer to original, not revised numbering

**EVALUATION**

The course and lab will be evaluated separately, and evaluations will be exclusively based on attendance, on the scores from exams, and on the scores from Smartbook assignments. Exams will be proctored via zoom.

This is a hard class, but Smartbook, attendance, and questions based on active learning assignments give you a buffer to pass the class even if you don't do too well on the exams. Don't miss those points!

The schedule of assignments is laid out in detail below:

| <b>Assignment</b> | <b>Topic</b> | <b>Book chapter</b> | <b>Expected time*</b> | <b>Credit (points)</b> | <b>Deadline for full credit**</b> |
|-------------------|--------------|---------------------|-----------------------|------------------------|-----------------------------------|
|                   |              |                     |                       |                        | <b>(at 9:00 am of the date)</b>   |

**listed)**

|                    |                       |            |     |     |   |
|--------------------|-----------------------|------------|-----|-----|---|
| <b>Lecture 1</b>   | Bone biology          | Chapter 6  | 30  | 5   | Wed June 30                                     |
| <b>Lecture 2</b>   | Axial skeleton        | Chapter 7  | 60  | 10  | Wed June 30                                     |
| <b>Lecture 3</b>   | Appendicular skeleton | Chapter 8  | 60  | 10  | Wed June 30                                     |
| <b>Lecture 5,6</b> | Axial musculature     | Chapter 11 | 60  | 10  | Wed June 30                                     |
| <b>Lecture 8,9</b> | Special organs        | Chapter 17 | N/A | N/A | Waived<br>(because it coincides with the final) |
| <b>Lecture 11</b>  | CNS                   | Chapter 15 | 60  | 10  | Mon<br>July 12                                  |
| <b>Lecture 12</b>  | PNS                   | Chapter 14 | 30  | 5   | Mon<br>July 12                                  |
| <b>Lecture 13</b>  | ANS,                  | Chapter 16 | 30  | 5   | Wed<br>July 14                                  |
| <b>Lecture 14</b>  | Heart,                | Chapter 20 | 75  | 12  | Wed<br>July 14                                  |
| <b>Lecture 14</b>  | Circulatory           | Chapter 21 | 30  | 5   | Wed<br>July 14                                  |
| <b>Lecture 15</b>  | Digestive             | Chapter 24 | 60  | 10  | Mon<br>July 19                                  |



|       |    |
|-------|----|
| 55-60 | C- |
| 50-55 | D  |
| <50   | F  |

**Lab:**

- Attendance to the zoom sessions is mandatory and will be monitored based on registration for the zoom sessions.

Failure to attend will be penalized with a 2% deduction of the final grade if it happens once, a 10% deduction if it happens twice, and by failing the class if it happens 3 or more times.

- Two **laboratory practicals** will be given; **each 50%** of the final grade.

The average between your midterm and final will be translated into a letter grade following the following scale:

| <u>Possible points (%)</u> | <u>Grade</u> |
|----------------------------|--------------|
| >95                        | A+           |
| 90-95                      | A            |
| 85-90                      | A-           |
| 80-85                      | B+           |
| 75-80                      | B            |
| 70-75                      | B-           |
| 65-70                      | C+           |
| 60-65                      | C            |
| 55-60                      | C-           |
| 50-55                      | D            |
| <50                        | F            |

**How to succeed in this course:**

1. Come to every lecture and lab session.

You will get more out of the lecture if you are there when it is being delivered and have the ability to ask questions and to listen to other student's questions. Missing lab sessions can result in serious deductions from your grade!

2. Read the corresponding chapter in the textbook and watch the pre-recorded lecture before each

session.

The synchronous lecture should make sense after all this prep; if not, please ask questions during lecture.

### 3. Study frequently, regularly, and efficiently

#### Frequently:

How much time you need to devote to the course outside of class in order to get an “A” will vary among individuals, but in most cases, it will be in the range of 2-3 hours for every hour you spent in class. That’s 24-30 hours a week!

#### Regularly:

There are a lot of terms to learn in anatomy. If you wait until right before an exam and try to cram them all in your head you will get the equivalent of an emotional ice cream headache! It’s best to space out your studying sessions throughout the quarter. An example of a good strategy would be setting a few hours aside the day before each lecture and lab session to review the material from the last class and read the textbook to prepare for tomorrow.

#### Efficiently: Not all studying methods are equal!

The best methods involve actively doing something and also making connections between the different lectures and between the lecture and the lab. Studying in groups (even if it is remotely) helps.

#### **Good ideas:**

- Keep up with the material. The Smartbook assignments should help in this regard, but set aside time after each class to study.
- **Use vocab lists as a study guide** for the lecture portion of the class.
- **Study for lecture and lab as if they are one class.** Make the connections between the two. To that end, you can compare vocab lists and worksheets.
- Study in a group (you can do that remotely as well) and take turns teaching the topics from lecture to the group or quizzing each other.
- Draw, color structures, write lists, anything you do actively helps much more than reading.
- Use a detailed atlas, like Netter’s Atlas of Human Anatomy, to help you identify features in lab.
- Ask for help as soon as you need it. The instructors and teaching assistants are all here to help you.

This last Spring quarter I asked the students with top scores in the lecture midterm how they approached studying for this course and found four common patterns.

1. **Stayed on top of the material, and used a consistent strategy.** Several of these students watched the pre-recorded lectures before each lecture, taking detailed notes so that during the synchronous lecture they can focus on listening and adding to the notes they already have. After the lecture, they go through the vocab list and AL exercises.

2 **Actively organized the information.** Using flashcards, working on the cheat sheet, or on a google

2. **Actively organized the information** using flashcards, working on the cheat sheet, or on a google doc (which you can share if you are studying with other students). One student recommends Anki flashcards, which include an algorithm that uses space repetition to help you remember things more efficiently.
3. Used the organized information to **study anatomical elements in groups** (classified by location or action).
4. **Visualized the information** by using the coloring plates that I posted on Canvas or by using APR.

### Inefficient ideas:

- Trying to absorb the information by simply looking at the lecture slides or figures from the textbook.
- Memorizing definitions of terms
- Memorizing lists of names without a context

### Instructor Evaluation:

After week 1, I will submit an anonymous survey to monitor the quality of instruction and ask for suggestions for improvement.

During week 5 of instruction, you will be asked by email to evaluate the class instructor and the Teaching Assistants formally. **PLEASE TAKE THE TIME TO FILL IT OUT**, your feedback is really important for the continued improvement of this class, particularly with the change in format.

### Disabilities

I am more than willing to meet the special needs of students with disabilities. Please contact me so that appropriate academic adjustments or accommodations can be made.

**Plagiarism and cheating:** The University's policy on academic honesty will be observed in this class. Plagiarism is the conscious or inadvertent failure to identify the contributions of others. Cheating is falsely passing off the work of others as your own. Neither will be tolerated evidence of either will result in persecution to the furthest extent of the law.

**\*\*\*\*\*Please note: This syllabus is not a contract. Changes to this syllabus may be made during the course of the quarter.**

## Course Summary:

| Date | Details | Due |
|------|---------|-----|
|------|---------|-----|

| Date             | Details   | Due            |
|------------------|---|----------------|
| Mon Jun 21, 2021 |  <a href="#">Lecture sessions</a><br><a href="https://canvas.ucsc.edu/calendar?event_id=229182&amp;include_contexts=course_44529">https://canvas.ucsc.edu/calendar?event_id=229182&amp;include_contexts=course_44529</a>         | 9am to 12:30pm |
| Tue Jun 22, 2021 |  <a href="#">Functional Anatomy Lab</a><br><a href="https://canvas.ucsc.edu/calendar?event_id=229192&amp;include_contexts=course_44529">https://canvas.ucsc.edu/calendar?event_id=229192&amp;include_contexts=course_44529</a>   | 9am to 11am    |
| Wed Jun 23, 2021 |  <a href="#">Lecture sessions</a><br><a href="https://canvas.ucsc.edu/calendar?event_id=229183&amp;include_contexts=course_44529">https://canvas.ucsc.edu/calendar?event_id=229183&amp;include_contexts=course_44529</a>         | 9am to 12:30pm |
| Thu Jun 24, 2021 |  <a href="#">Functional Anatomy Lab</a><br><a href="https://canvas.ucsc.edu/calendar?event_id=229193&amp;include_contexts=course_44529">https://canvas.ucsc.edu/calendar?event_id=229193&amp;include_contexts=course_44529</a>   | 9am to 11am    |
| Mon Jun 28, 2021 |  <a href="#">Lecture sessions</a><br><a href="https://canvas.ucsc.edu/calendar?event_id=229184&amp;include_contexts=course_44529">https://canvas.ucsc.edu/calendar?event_id=229184&amp;include_contexts=course_44529</a>         | 9am to 12:30pm |
| Tue Jun 29, 2021 |  <a href="#">Functional Anatomy Lab</a><br><a href="https://canvas.ucsc.edu/calendar?event_id=229194&amp;include_contexts=course_44529">https://canvas.ucsc.edu/calendar?event_id=229194&amp;include_contexts=course_44529</a> | 9am to 11am    |
| Wed Jun 30, 2021 |  <a href="#">Lecture sessions</a><br><a href="https://canvas.ucsc.edu/calendar?event_id=229185&amp;include_contexts=course_44529">https://canvas.ucsc.edu/calendar?event_id=229185&amp;include_contexts=course_44529</a>       | 9am to 12:30pm |
|                  |  <a href="#">Chapter 11: The Muscular System II: Axial Musculature</a><br><a href="https://canvas.ucsc.edu/courses/44529/assignments/258131">https://canvas.ucsc.edu/courses/44529/assignments/258131</a>                      | due by 9am     |
|                  |  <a href="#">Chapter 12: The Muscular System III: Appendicular Musculature</a><br><a href="https://canvas.ucsc.edu/courses/44529/assignments/258140">https://canvas.ucsc.edu/courses/44529/assignments/258140</a>              | due by 9am     |
|                  |  <a href="#">Chapter 6: The Skeletal System I: Bone Tissue</a><br><a href="https://canvas.ucsc.edu/courses/44529/assignments/258138">https://canvas.ucsc.edu/courses/44529/assignments/258138</a>                              | due by 9am     |
|                  |  <a href="#">Chapter 7: The Skeletal System II: Axial Skeleton</a><br><a href="https://canvas.ucsc.edu/courses/44529/assignments/258136">https://canvas.ucsc.edu/courses/44529/assignments/258136</a>                          | due by 9am     |

| Date             | Details   | Due               |
|------------------|---|-------------------|
|                  |  <a href="#">Chapter 8: The Skeletal System III: Appendicular Skeleton</a><br><a href="https://canvas.ucsc.edu/courses/44529/assignments/258133">https://canvas.ucsc.edu/courses/44529/assignments/258133</a>                    | due by 9am        |
| Thu Jul 1, 2021  |  <a href="#">Functional Anatomy Lab</a><br><a href="https://canvas.ucsc.edu/calendar?event_id=229195&amp;include_contexts=course_44529">https://canvas.ucsc.edu/calendar?event_id=229195&amp;include_contexts=course_44529</a>   | 9am to 11am       |
| Mon Jul 5, 2021  |  <a href="#">Lecture sessions</a><br><a href="https://canvas.ucsc.edu/calendar?event_id=229186&amp;include_contexts=course_44529">https://canvas.ucsc.edu/calendar?event_id=229186&amp;include_contexts=course_44529</a>         | 9am to 12:30pm    |
| Tue Jul 6, 2021  |  <a href="#">Functional Anatomy Lab</a><br><a href="https://canvas.ucsc.edu/calendar?event_id=229196&amp;include_contexts=course_44529">https://canvas.ucsc.edu/calendar?event_id=229196&amp;include_contexts=course_44529</a>   | 9am to 11am       |
|                  |  <a href="#">Midterm practical summer session</a><br><a href="https://canvas.ucsc.edu/courses/44529/assignments/260129">https://canvas.ucsc.edu/courses/44529/assignments/260129</a>   | due by 11:30am    |
| Wed Jul 7, 2021  |  <a href="#">Lecture Midterm</a><br><a href="https://canvas.ucsc.edu/calendar?event_id=233936&amp;include_contexts=course_44529">https://canvas.ucsc.edu/calendar?event_id=233936&amp;include_contexts=course_44529</a>        | 7:30am to 10:30am |
|                  |  <a href="#">Lecture sessions</a><br><a href="https://canvas.ucsc.edu/calendar?event_id=229187&amp;include_contexts=course_44529">https://canvas.ucsc.edu/calendar?event_id=229187&amp;include_contexts=course_44529</a>       | 9am to 12:30pm    |
| Thu Jul 8, 2021  |  <a href="#">Functional Anatomy Lab</a><br><a href="https://canvas.ucsc.edu/calendar?event_id=229197&amp;include_contexts=course_44529">https://canvas.ucsc.edu/calendar?event_id=229197&amp;include_contexts=course_44529</a> | 9am to 11am       |
| Mon Jul 12, 2021 |  <a href="#">Lecture sessions</a><br><a href="https://canvas.ucsc.edu/calendar?event_id=229188&amp;include_contexts=course_44529">https://canvas.ucsc.edu/calendar?event_id=229188&amp;include_contexts=course_44529</a>       | 9am to 12:30pm    |
|                  |  <a href="#">Chapter 14: The Nervous System II: Spinal Cord and Spinal Nerves</a><br><a href="https://canvas.ucsc.edu/courses/44529/assignments/258130">https://canvas.ucsc.edu/courses/44529/assignments/258130</a>           | due by 9am        |

| Date             | Details  | Due            |
|------------------|--|----------------|
|                  |  <a href="#">Chapter 15: The Nervous System III: Brain and Cranial Nerves</a><br><a href="https://canvas.ucsc.edu/courses/44529/assignments/258132"> (https://canvas.ucsc.edu/courses/44529/assignments/258132)</a>                     | due by 9am     |
| Tue Jul 13, 2021 |  <a href="#">Functional Anatomy Lab</a><br><a href="https://canvas.ucsc.edu/calendar?event_id=229198&amp;include_contexts=course_44529"> (https://canvas.ucsc.edu/calendar?event_id=229198&amp;include_contexts=course_44529)</a>       | 9am to 11am    |
|                  |  <a href="#">Lecture sessions</a><br><a href="https://canvas.ucsc.edu/calendar?event_id=229189&amp;include_contexts=course_44529"> (https://canvas.ucsc.edu/calendar?event_id=229189&amp;include_contexts=course_44529)</a>             | 9am to 12:30pm |
| Wed Jul 14, 2021 |  <a href="#">Chapter 16: The Nervous System IV: Autonomic Nervous System and Visceral Reflexe</a><br><a href="https://canvas.ucsc.edu/courses/44529/assignments/258137"> (https://canvas.ucsc.edu/courses/44529/assignments/258137)</a> | due by 9am     |
|                  |  <a href="#">Chapter 20: The Circulatory System II: The Heart</a><br><a href="https://canvas.ucsc.edu/courses/44529/assignments/258134"> (https://canvas.ucsc.edu/courses/44529/assignments/258134)</a>                                 | due by 9am     |
|                  |  <a href="#">Chapter 21: The Circulatory System III: Blood Vessels</a><br><a href="https://canvas.ucsc.edu/courses/44529/assignments/258135"> (https://canvas.ucsc.edu/courses/44529/assignments/258135)</a>                          | due by 9am     |
| Thu Jul 15, 2021 |  <a href="#">Functional Anatomy Lab</a><br><a href="https://canvas.ucsc.edu/calendar?event_id=229199&amp;include_contexts=course_44529"> (https://canvas.ucsc.edu/calendar?event_id=229199&amp;include_contexts=course_44529)</a>     | 9am to 11am    |
| Mon Jul 19, 2021 |  <a href="#">Lecture sessions</a><br><a href="https://canvas.ucsc.edu/calendar?event_id=229190&amp;include_contexts=course_44529"> (https://canvas.ucsc.edu/calendar?event_id=229190&amp;include_contexts=course_44529)</a>           | 9am to 12:30pm |
|                  |  <a href="#">Chapter 24: The Digestive System</a><br><a href="https://canvas.ucsc.edu/courses/44529/assignments/258139"> (https://canvas.ucsc.edu/courses/44529/assignments/258139)</a>   | due by 9:30am  |
| Tue Jul 20, 2021 |  <a href="#">Functional Anatomy Lab</a><br><a href="https://canvas.ucsc.edu/calendar?event_id=229200&amp;include_contexts=course_44529"> (https://canvas.ucsc.edu/calendar?event_id=229200&amp;include_contexts=course_44529)</a>     | 9am to 11am    |

| Date             | Details   | Due            |
|------------------|---|----------------|
| Wed Jul 21, 2021 |  <a href="#">Lecture sessions</a><br>( <a href="https://canvas.ucsc.edu/calendar?event_id=229191&amp;include_contexts=course_44529">https://canvas.ucsc.edu/calendar?event_id=229191&amp;include_contexts=course_44529</a> )       | 9am to 12:30pm |
| Thu Jul 22, 2021 |  <a href="#">Functional Anatomy Lab</a><br>( <a href="https://canvas.ucsc.edu/calendar?event_id=229201&amp;include_contexts=course_44529">https://canvas.ucsc.edu/calendar?event_id=229201&amp;include_contexts=course_44529</a> ) | 9am to 11am    |
|                  |  <a href="#">Lecture Final Monday August 31</a><br>( <a href="https://canvas.ucsc.edu/courses/44529/assignments/256538">https://canvas.ucsc.edu/courses/44529/assignments/256538</a> )   |                |
|                  |  <a href="#">Lecture Final Monday June 7, 2021</a><br>( <a href="https://canvas.ucsc.edu/courses/44529/assignments/256537">https://canvas.ucsc.edu/courses/44529/assignments/256537</a> )  |                |
|                  |  <a href="#">Midterm exam</a><br>( <a href="https://canvas.ucsc.edu/courses/44529/assignments/256539">https://canvas.ucsc.edu/courses/44529/assignments/256539</a> )   |                |