

# Advanced Cadaveric Dissection (ATR7128C)

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## Instructor Information

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## Co-Instructor

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## Office Hours

Wednesdays 1300-1500. Happy to meet at other times - just send me a text.

## Summer A 2022

**Class Day and Times:** Monday and Wednesday 0815-1215

**Location:** OSMI 4<sup>th</sup> floor, Surgical Skills Lab

## General Information

### Course Materials

### Description

Advanced clinical anatomy course, employing human cadaver dissection as a means to learn the major musculoskeletal, vascular, and nervous structures relevant to the field and practice of Athletic Training. Students will be responsible for dissecting the human cadaver and discussing applications of gross anatomy knowledge. *Pre-requisite: Admission into the Doctor of Athletic Training program.*

### Key Information

1. The primary goal of this course is to provide students with advanced knowledge of musculoskeletal anatomy of the human body.
2. Secondary goals of the course include:
  - a. Peer teaching of anatomical structures.
  - b. Demonstration of surgical interventions for fractures with clinical implications for patient rehabilitation and recovery.
3. Students will be expected to attend all class sessions.
  - a. Please provide information in advance if you have any potential conflicts.
4. Students will be expected to come to class prepared for each dissection session.
  - a. Personal items must be kept in the dressing room and not brought into the lab area.
5. We will follow all UF standard BBP and BMW standards.

6. Food and drink are not permitted in the lab.

## LEARNING OUTCOMES

1. Dissect a human cadaver
2. Identify gross structures of the musculoskeletal, nervous, and cardiovascular systems (as well as all major organs of the body) on a human cadaver or images of a human cadaver
3. Use appropriate anatomical terminology in describing and discussing gross anatomy
4. Discuss how anatomical structures relate to mechanisms of athletic injuries, evaluations, and rehabilitation techniques

## Course Schedule

Week	Dates	Topics	Reading
Week 1	9, 11 May	Introduction - assign dissection groups 1. Start shoulder dissection 2. Start hip dissection	Chapters 1, 7, 14, 16
Week 2	16, 18 May	1. Shoulder 2. Upper arm 3. Hip 4. Thigh  Teach others (16 May) Practical examination (18 May)	Chapters 7, 14, 16, 17
Week 3	23, 25 May	1. Elbow 2. Knee	Chapters 7, 8, 17, 18
Week 4	1 June	Equipment Training 1. Elbow 2. Forearm 3. Knee 4. Lower leg  Practical examination	Chapters 7, 8, 18
Week 5	6, 8 June	Suturing (6 June) Fracture repair (8 June) 1. Forearm 2. Wrist and Hand 3. Lower leg 4. Ankle and Foot	Chapters 8, 9, 18, 19
Week 6		1. Review all structures  Teach others Practical examination (comprehensive)	

## Additional Information

### Infographic Project

Students will complete two infographics during the semester. The topics of the two infographics cannot overlap for one student. Additionally, students cannot complete similar topics as classmates. Students may select topics from the provided list or request approval for an additional topic. Students will be required to post their two topics to the discussion board by 11 May. If there are overlap topics, please discuss with each other to resolve. Infographics will be due on 30 May and 8 June. Assignments will be due at 2359 of the due date.

Examples of infographics:

1. <https://www.nata.org/sites/default/files/skin-disease-handout.pdf>
2. <https://www.tomwademd.net/a-chart-on-spinal-cord-injuries-neuroanatomy-infographic/>
3. <https://pin.it/1tzOzEw>

**Grading of infographics.** Infographics will be graded on the following areas.

1. Comprehensive coverage of key anatomical structures
2. Comprehensive information related to diagnosis
3. Information pertaining to treatment/care and rehabilitation
4. Each submitted infographic will be worth a maximum of 50 points.

### Teaching Assignment Modules

Students will complete two teaching modules as a group during the semester. Once the first group teaches on the topic assigned (e.g., hip joint) during class time, the group learning the topic will be required to record themselves teaching the same topic (e.g., hip joint) learned through their lens. Additionally, the group will be responsible for creating a short assessment (e.g., quiz, assignment) pertaining to the topic taught. There will be an open lab time determined at the beginning of the semester to allow for students to have access to complete these modules. Teaching assignment modules will be due on 22 May and 17 June. Modules will be due at 2359 of the due date.

**Grading of teaching projects.**

1. Delivery methods of the content during the presentation
2. Content included and the organizational structure of the presentation
3. Enthusiasm and Audience Awareness during the presentation
4. Professionalism
5. Assessment design
6. Each submitted teaching module will be worth a maximum of 50 points.

### Class Assignments

Due Date	Assignments
22 May	Teaching assignment #1
30 May	Infographic #1
8 June	Infographic #2
17 June	Teaching Assignment #2

\*\*Late assignments will not be accepted. Assignments will be due at 2359 of the due date.

### Project and Examination Scoring

Grades will be based on the following criteria

- |                         |     |
|-------------------------|-----|
| 1. Teaching Assignments | 100 |
| 2. Infographics         | 100 |
| 3. Practical exam #1    | 100 |
| 4. Practical exam #2    | 100 |
| 5. Practical exam #3    | 100 |

### Grading Scale

A-----	90-100
B+-----	87-89
B-----	80-86
C+-----	77-79
C-----	70-76
D-----	60-69
F-----	Below 60

## COLLEGE/UNIVERSITY-WIDE POLICIES

**Academic Honesty:** As a student at the University of Florida, you have committed yourself to uphold the Honor Code, which includes the following pledge: “We, the members of the University of Florida community, pledge to hold ourselves and our peers to the highest standards of honesty and integrity.” Students will exhibit behavior consistent with this commitment to the UF academic community. Academic misconduct appears in a variety of forms (including plagiarism) and may be punishable in a variety of ways, from failing the assignment and/or the entire course to academic probation, suspension or expulsion. On all work submitted for credit by students at the university, the following pledge is either required or implied: **“On my honor, I have neither given nor received unauthorized aid in doing this assignment.”** Furthermore, as part of your obligation to uphold the Honor Code, you should report any condition that facilitates academic misconduct to appropriate personnel. It is your individual responsibility to know and comply with all university policies and procedures regarding academic integrity and the Student Honor Code. Faculty will not tolerate violations of the Honor Code at the University of Florida and will report incidents to the Dean of Students Office for consideration of disciplinary action. The Honor Code (<https://sccr.dso.ufl.edu/students/student-conduct-code/>) specifies a number of behaviors that are in violation of this code and the possible sanctions. If you have questions about what constitutes academic misconduct before handing in an assignment, see your instructor.

**Academic Assistance and Student Services:** Students who are in need of academic, career, or personal counseling services are encouraged to see the academic assistance website for further information on available services. <http://www.ufadvising.ufl.edu/>

**Accommodating Students with Disabilities:** Students with disabilities who experience learning barriers and would like to request academic accommodations should connect with the Disability Resource Center by visiting their Get Started page at <https://disability.ufl.edu/students/get-started/>. It is important for students to share their accommodation letter with their instructor and discuss their access needs, as early as possible in the semester.

**Attendance:** Attendance is mandatory. Students must provide a written notification of an absence (i.e., email) at least 24 hours prior to the class; excused absences will be evaluated based on university policy. Students with an excused absence will be afforded make-up opportunities under the university guidelines. Requirements for class attendance and make-up exams, assignments, and other work are consistent with university policies found in the online catalog <https://catalog.ufl.edu/ugrad/current/regulations/info/attendance.aspx>

**Campus Resources: U Matter, We Care:** Your well-being is important to the University of Florida. The U Matter, We Care initiative is committed to creating a culture of care on our campus by encouraging members of our community to look out for one another and to reach out for help if a member of our community is in need. If you or a friend is in distress, please contact [umatter@ufl.edu](mailto:umatter@ufl.edu); a nighttime and weekend crisis counselor is available by phone at 352.392.1575. The U Matter, We Care Team can help connect students to the many other helping resources available including, but not limited to, Victim Advocates, Housing staff, and the Counseling and Wellness Center. Please remember that asking for help is a sign of strength. In case of emergency, call 9-1-1.

**University Police Department:** 392.1111 or 9-1-1 for emergencies <http://www.police.ufl.edu/>

**Counseling and Wellness Center:** <https://counseling.ufl.edu/> 352.392.1575; *Sexual Assault Recovery Services (SARS)* Student Health Care Center, 352.392.1161.

**Career Resource Center:** Reitz Union, 352.392.1601, <http://www.crc.ufl.edu/>

**Confidentiality:** The University ensures the confidentiality of student educational records in accordance with State University System rules, state statutes and [FERPA](#), the Family Educational Rights and Privacy Act of 1974, as

amended, also known as the Buckley Amendment.

<http://www.registrar.ufl.edu/catalog/policies/regulationconfidentiality.html>

**Course Grading Policy:** Students will earn their course grade based on completion of coursework as outlined in the Grading Criteria listed above. Percentage calculations are rounded up at “.6 or above” and rounded down at “.5 or below”. For more information regarding Grade Point Averages, Grade Values, etc. please visit the University registrar website <https://catalog.ufl.edu/UGRD/academic-regulations/grades-grading-policies/>

**Course Evaluations:** Students are expected to provide professional and respectful feedback on the quality of instruction in this course by completing course evaluations online via GatorEvals. Guidance on how to give feedback in a professional and respectful manner is available at <https://gatorevals.aa.ufl.edu/students/>. Students will be notified when the evaluation period opens and can complete evaluations through the email they receive from GatorEvals, in their Canvas course menu under GatorEvals, or via <https://ufl.bluera.com/ufl/>. Thank you for serving as a partner in this important effort. Students should provide feedback on the quality of instruction in this course by completing online evaluations. Evaluations are typically open during the last two or three weeks of the semester, but students will be given specific times when they are open. Summary results of these assessments are available to students at <https://gatorevals.aa.ufl.edu/public-results/>.

**Email and E-Learning Policy:** Students are required to check their University of Florida email and E-Learning Course account daily. Dissemination of reminders and course material may occur via email or through announcements in E-Learning; it is the student’s responsibility to read and respond (if appropriate). *E-learning Help Desk:* <http://elearning.ufl.edu/> *Technical support:* 352.392.4357 (select option 2) or e-mail to [Learning-support@ufl.edu](mailto:Learning-support@ufl.edu)

**E-Learning Identity and Preferences:** It is important to the learning environment that you feel welcome and safe in this class; and that you are comfortable participating in class discussions and communicating with me on any issues related to the class. If your preferred name is not the name listed on the official University of Florida roster, please let me know as soon as possible. I would like to acknowledge your preferred name, and pronouns that reflect your identity. Please let me know how you would like to be addressed in class, if your name and pronouns are not reflected by your University of Florida official roster name. I welcome you to the class and look forward to a rewarding learning adventure together.

You may also change your “Display Name” in Canvas. Canvas uses the "Display Name" as set in myUFL. The Display Name is what you want people to see in the University of Florida Directory, such as "Ally" instead of "Allison." To update your display name, go to [one.ufl.edu](http://one.ufl.edu), click on the dropdown at the top right, and select "Directory Profile." Click "Edit" on the right of the name panel, uncheck "Use my legal name" under "Display Name," update how you wish your name to be displayed, and click "Submit" at the bottom. This change may take up to 24 hours to appear in Canvas. This does not change your legal name for official University of Florida records.

### **Inclusion, Diversity, Equity, and Accessibility (IDEA) Information**

The Athletic Training Program supports an inclusive learning environment and promotes diversity of thoughts, perspectives, and experiences. We value critical reasoning, evidence-based arguments, and self-reflection to support the growth of each student. Please refer to the Doctor of Athletic Training Program Policies and Procedures Manual (Canvas) for the Non-Discrimination, Equity, and Diversity Policy. For suggestions or concerns related to IDEA, please reach out to any of the following:

- Dr. Rachael Seidler, APK Graduate Coordinator, [rachaelseidler@ufl.edu](mailto:rachaelseidler@ufl.edu)
- Dr. Joslyn Ahlgren, APK Undergraduate Coordinator, [jahlgren@ufl.edu](mailto:jahlgren@ufl.edu)

**Last Day to Withdraw:** In order to withdraw from a course it is not sufficient simply to stop attending class or to inform the instructor of your intention to withdraw. In accordance with college policy, contact your adviser to begin the withdrawal process. To view the last day for withdrawal please visit <http://www.registrar.ufl.edu/catalog/adhub.html>

**Library Resources Support:** <http://cms.uflib.ufl.edu/ask>

**Plagiarism:** Defined as the use and appropriation of another's work without any indication of the source and the representation of such work as the student's own. Any student, who fails to give credit for ideas, expressions or materials taken from another source, including internet sources, projects/papers submitted for another course (either intentional or unintentional), is guilty of plagiarism (*please refer to the DAT Program Plagiarism Policy in the Student Handbook*).

**Privacy:** Our class sessions may be audio visually recorded for students in the class to refer back and for enrolled students who are unable to attend live. Students who participate with their camera engaged or utilize a profile image are agreeing to have their video or image recorded. If you are unwilling to consent to have your profile or video image recorded, be sure to keep your camera off and do not use a profile image. Likewise, students who unmute during class and participate orally are agreeing to have their voices recorded. If you are not willing to consent to have your voice recorded during class, you will need to keep your mute button activated and communicate exclusively using the "chat" feature, which allows students to type questions and comments live. The chat will not be recorded or shared. As in all courses, unauthorized recording and unauthorized sharing of recorded materials is prohibited.

**Student Responsibility for Course Prerequisites:** Students are responsible to have satisfied all published prerequisites for this class. Please review the prerequisites and discuss any questions with your instructor and/or your academic advisor.

**Student Conduct Policy:**

- All students are expected to conduct themselves in a respectful and responsible manner
- All students are expected to be on time for class
- All students are expected to turn off or silence their cell phones
- All students are expected to not participate in actions that may disrupt the class
- All students are expected to wear a mask in the classroom and stay home if they feel unwell
- The instructor reserves the right to ask any student to leave the classroom, if the student violates any the above class procedures

**Student Complaints Process:** <https://sccr.dso.ufl.edu/policies/student-honor-code-student-conduct-code/>

**Teaching Center:** General study skills and tutoring <http://teachingcenter.ufl.edu/> Broward Hall, 352.392.2010 or 352.392.6420.

**Writing Studio:** Formatting and writing papers assistance <http://writing.ufl.edu/writing-studio/>