KINE 5355 - 001 & 002
Pathophysiology & Pharmacology II
Spring 2020
Mondays 1:00-4:50pm
Meeting Location: PEB 202

Instructor Information

Name: Meredith Decker-Hamm, MS, LAT, ATC, PES
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Phone: 817-272-6307
E-mail: mdecker@uta.edu
Faculty Profile: https://mentis.uta.edu/explore/profile/meredith-decker
Office hours: By appt

Name: Adam Annaccone, EdD, LAT, ATC, PES
Office: PEB 112 C
Phone: 817-272-7910
E-mail: adam.annaccone@uta.edu
Faculty Profile: https://mentis.uta.edu/explore/profile/adam-annaccone
Office hours: By appt

Description of Course Content:
This course provides further study of acute and chronic illnesses and their response to, and impact on, physical activity. Discussion of pharmacological principles will be incorporated as it relates to the care of general illnesses and musculoskeletal disorders in the physically active.

Student Learning Outcomes:

By the completion of this course, students will be able to:

1. perform an examination to formulate a diagnosis and plan of care for patients with health conditions commonly seen in athletic training practice related to the Endocrine system, Eyes, ears, nose, throat, mouth, and teeth, Integumentary system, Neurological system, and Immune/Infectious Diseases.
2. evaluate all results to determine a plan of care, including referral to the appropriate provider when indicated.
3. perform or obtain the necessary and appropriate diagnostic or laboratory tests—including (but not limited to) imaging, blood work, urinalysis, and electrocardiogram—to facilitate diagnosis, referral, and treatment planning.
4. educate patients regarding appropriate pharmacological agents for the management of their condition, including indications, contraindications, dosing, interactions, and adverse reactions.
**Required Textbooks and Other Course Materials:**
Walsh-Flanagan & Cuppett (2017) Medical Conditions in the Athlete: 3rd Ed.

**Grading Information (subject to change)**

<table>
<thead>
<tr>
<th>Assessment</th>
<th>Percent Value</th>
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<tbody>
<tr>
<td>Assignments</td>
<td>15%</td>
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<tr>
<td>Quizzes</td>
<td>15%</td>
</tr>
<tr>
<td>Written Exam 1</td>
<td>15%</td>
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<tr>
<td>Written Exam 2</td>
<td>15%</td>
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<tr>
<td>Final Written Exam</td>
<td>20%</td>
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<tr>
<td>Final OSCE</td>
<td>20%</td>
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<tr>
<td><strong>Total</strong></td>
<td><strong>100%</strong></td>
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**Grading Scale:** A = 90%; B = 80%; C = 70%; D = 60%; F = <60%

**Descriptions of Major Assignments and Examinations:**

**Assignments**
Students will complete assigned work designed to develop knowledge and skills in pathophysiology and pharmacology, as well as professional communication. Assignments and due dates will be posted on the course Canvas page. Students are expected to complete their assignments independently, unless otherwise noted by the instructor as a group assignment. Any suspected collusion or cheating on an assignment will be forwarded to the Office of Student Conduct for review, which may be accompanied by grade and/or disciplinary actions.

**Quizzes**
Quizzes will primarily cover anatomy and physiology of body systems and will be given generally on the first day of a new system section in class. Other quizzes may be given as deemed necessary. Students are to come prepared for the quiz by reviewing content in the
chapters, online resources and materials posted on Canvas. There will be no quiz retakes if a quiz is missed, unless the absence is excused and communicated prior to the scheduled quiz. An unexcused absence or failure to communicate prior to the scheduled quiz will result in the grade of a zero. Late arrivals to a quiz will result in the grade of a zero.

**Written Exams**
Three written exams will be given throughout the semester. The first two exams are worth 15% of the overall course grade each. The final written exam will be comprehensive and will make up 20% of the overall course grade. Exams will be taken during class time but through Canvas. Respondus lockdown browser must be loaded on laptops or other devices to access the exams. There will be no exam retakes if an exam is missed, unless the absence is excused and communicated prior to the scheduled exam. An unexcused absence or failure to communicate prior to the scheduled exam will result in the grade of a zero. Late arrivals to an exam will result in the grade of a zero.

**Final OSCE**
OSCEs are used in colleges of medicine and other healthcare professions to assess competency in an objective way by using several “stations”. Each station will provide you a different scenario designed to test a range of competencies. This course will have a Final OSCE at the end of the semester. The OSCE will include a combination of simulation using Standardized Patients and demonstration of skills. More details about this exam will follow and be posted on Canvas.

**Submission of Course Materials**
Any course work submitted during class time or another course’s scheduled time will result in the grade of a zero for that assignment, quiz, etc. Doing class work in other courses is unacceptable.

All course materials should be completed independently unless indicated as a group assignment by the course instructors. Any suspected collusion or cheating on a course requirement will be forwarded to the Office of Student Conduct for review, which may be accompanied by grade and/or disciplinary actions.

Late submissions – All course materials that are submitted past the designated due dates/times will receive a 20% deduction from the associated grade for each day late.
**Course Schedule:**
As the instructors for this course, we reserve the right to adjust this schedule in any way that serves the educational needs of the students enrolled in this course. –Dr. Annaccone and Meredith

<table>
<thead>
<tr>
<th>Date</th>
<th>Topic</th>
<th>Chapters</th>
<th>Due Dates</th>
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<tbody>
<tr>
<td>27-Jan</td>
<td>Intro to Course; Syllabus; Systemic Disorders</td>
<td>Walsh Chapter 14</td>
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<tr>
<td>3-Feb</td>
<td>Endocrine System</td>
<td>Walsh Chapter 14; Houglum Chapter 14</td>
<td>Endocrine A&amp;P Worksheet Quiz</td>
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<tr>
<td>10-Feb</td>
<td>Endocrine System &amp; Meds</td>
<td>Walsh Chapter 14; Houglum Chapter 14</td>
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<tr>
<td>17-Feb</td>
<td>Immune/Infectious Disease</td>
<td>Walsh Chapter 15; Houglum Chapter 5 &amp; 10</td>
<td>Immune/Infectious Disease Worksheet &amp; Quiz</td>
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<tr>
<td>24-Feb</td>
<td>Immune/Infectious Disease</td>
<td>Walsh Chapter 15; Houglum Chapter 5 &amp; 10</td>
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<tr>
<td>2-Mar</td>
<td>Exam #1; Drugs for Relaxing Skeletal Muscle</td>
<td>Houglum Chapter 8</td>
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<tr>
<td>9-Mar</td>
<td>Spring Break - No Class</td>
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<tr>
<td>16-Mar</td>
<td>Eye, Ear, Nose, Throat, Mouth</td>
<td>Walsh Chapter 12 &amp; 13</td>
<td>EENTM Worksheet &amp; Quiz</td>
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<tr>
<td>23-Mar</td>
<td>Eye, Ear, Nose, Throat, Mouth</td>
<td>Walsh Chapter 12 &amp; 13</td>
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<td>30-Mar</td>
<td>Dermatological System</td>
<td>Walsh Chapter 16</td>
<td>Dermatological Worksheet &amp; Quiz</td>
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<td>6-Apr</td>
<td>Dermatological System</td>
<td>Walsh Chapter 16</td>
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<td>13-Apr</td>
<td>Exam #2; Neurological System</td>
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<tr>
<td>20-Apr</td>
<td>Neurological System</td>
<td>Walsh Chapter 11</td>
<td>Neurological Worksheet &amp; Quiz</td>
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<tr>
<td>27-Apr</td>
<td>Performance Enhancement Drugs</td>
<td>Houglum Chapter 16</td>
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<tr>
<td>4-May</td>
<td>Special Pop; (Teaching SPs?)</td>
<td>Walsh Chapter 18</td>
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<tr>
<td>11-May</td>
<td>Final Written Exam &amp; OSCE</td>
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Additional Information

Academic Integrity and Scholastic Dishonesty

The University of Texas at Arlington strives to uphold and support standards of personal honesty and integrity for all students consistent with the goals of a community of scholars and students seeking knowledge and responsibility. Furthermore, it is the policy of the University to enforce these standards through fair and objective procedures governing instances of alleged dishonesty, cheating, and other academic/non-academic misconduct.

What is Academic Integrity?

Academic integrity is defined as being in firm adherence to a code or standard of values. It is a commitment on the part of the students, faculty and staff, even in the face of adversity, to five fundamental values:

- Honesty
- Truth
- Fairness
- Respect
- Responsibility

"From these values flow principles of behavior that enable academic communities to translate ideals into action" (The Center for Academic Integrity, 1999). Unfortunately, when these ideals are not translated to each and every one in the academic community, academic dishonesty is inevitable.

What Constitutes Scholastic Dishonesty?

Scholastic dishonesty includes, but is not limited to, cheating, plagiarism, and collusion on an examination or an assignment being offered for credit. Each student is accountable for work submitted for credit, including group projects.

Cheating

- Copying another's test or assignment
- Communication with another during an exam or assignment (i.e. written, oral or otherwise)
- Giving or seeking aid from another when not permitted by the instructor
- Possessing or using unauthorized materials during the test
- Buying, using, stealing, transporting, or soliciting a test, draft of a test, or answer key

Plagiarism

- Using someone else’s work in your assignment without appropriate acknowledgement
- Making slight variations in the language and then failing to give credit to the source
Collusion

- Without authorization, collaborating with another when preparing an assignment

University of Texas at Arlington Honor Code

“I pledge, on my honor, to uphold UT Arlington’s tradition of academic integrity, a tradition that values hard work and honest effort in the pursuit of academic excellence.

I promise that I will submit only work that I personally create or that I contribute to group collaborations, and I will appropriately reference any work from other sources. I will follow the highest standards of integrity and uphold the spirit of the Honor Code.”

Source: http://www.uta.edu/conduct/academic-integrity/

The Athletic Training Program take academic integrity very seriously. Any student who is found to have participated in scholastic dishonesty as defined above will receive an automatic zero on the assignment, written exam, practical exam or quiz and will be reported to UTA Office of Student Conduct. In addition, no make-ups of the work will be allowed.

Attendance:

At The University of Texas at Arlington, taking attendance is not required but attendance is a critical indicator of student success. Each faculty member is free to develop his or her own methods of evaluating students’ academic performance, which includes establishing course-specific policies on attendance. As the instructors of this course, we expect students to be in attendance for each class meeting. The course attendance policy is provided below. However, while UT Arlington does not require instructors to take attendance in their courses, the U.S. Department of Education requires that the University have a mechanism in place to mark when Federal Student Aid recipients “begin attendance in a course.” UT Arlington instructors will report when students begin attendance in a course as part of the final grading process. Specifically, when assigning a student a grade of F, faculty report must the last date a student attended their class based on evidence such as a test, participation in a class project or presentation, or an engagement online via Canvas. This date is reported to the Department of Education for federal financial aid recipients.

Attendance Policy: There is a relationship between attendance and grades. Class attendance is expected except in the case of an excused absence. An excused absence is one in which the instructor is notified in advance of class through e-mail with a reason for the absence, and the instructor approves the absence as excused. Examples of absences that would be excused are a funeral for an immediate family member, a medical emergency in
the immediate family, or personal illness or medical emergency (written proof of illness by the treating healthcare provider is required). In the case of an excused absence, the student is responsible for obtaining work missed in class, and every effort possible should be made to complete in-class assessments (i.e. quizzes) prior to the absence.

From time to time a student may be given the opportunity to travel with a team as part of their clinical experience. Team travel is a privilege that is earned through hard work and professionalism, and provides a valuable learning experience for students. Upon advanced notification, the instructor may approve absences for team travel when appropriate, however students must make up work ahead of time.

_A student’s grade will be dropped by one letter grade if they have two or more unexcused absences. Unexcused absences are those absences that do not fall within the description of an excused absence (above). Being late to class is also unacceptable. If a student is late to class more than once, the second late arrival will equal one unexcused absence and will be recorded by the instructor at each class. Each late arrival after the second will continue to count as an unexcused absence. Chronic tardiness or absences are evidence that the student is not ready to become a professional (or to graduate)._

**Emergency Exit Procedures:**

Should we experience an emergency event that requires evacuation of the building, students should exit the room and move toward the nearest exit, which is located in the hallway leading to PEB 202. When exiting the building during an emergency, do not take an elevator but use the stairwells instead. Faculty members and instructional staff will assist students in selecting the safest route for evacuation and will make arrangements to assist individuals with disabilities.

Students should also subscribe to the MavAlert system that will send information in case of an emergency to their cell phones or email accounts. Anyone can subscribe at [Emergency Communication System](http://www.uta.edu/comm). For additional information, please email resources@uta.edu, or view the Maverick Resources website.
The **IDEAS Center (https://www.uta.edu/ideas/)** (2nd Floor of Central Library) offers **FREE tutoring and mentoring** to all students with a focus on transfer students, sophomores, veterans and others undergoing a transition to UT Arlington. Students can drop in or check the schedule of available peer tutors at **www.uta.edu/IDEAS**, or call (817) 272-6593.

**The English Writing Center (411LIBR):**

The Writing Center offers **FREE tutoring in 15-, 30-, 45-, and 60-minute face-to-face and online sessions** to all UTA students on any phase of their UTA coursework. Register and make appointments online at the **Writing Center (https://uta.mywconline.com)**. Classroom visits, workshops, and specialized services for graduate students and faculty are also available. Please see **Writing Center: OWL** for detailed information on all our programs and services.

**The Library’s 2nd floor Academic Plaza (libraries.uta.edu/services/academic-plaza) offers students a central hub of support services, including IDEAS Center, University Advising Services, Transfer UTA and various college/school advising hours. Services are available during the library’s hours of operation.**

**Librarian to Contact:**

Peace Ossom-Williamson. Each academic unit has access to **Librarians by Academic Subject that can assist students with research projects, tutorials on plagiarism and citation references as well as support with databases and course reserves.**

Peace Ossom-Williamson, 817-272-6208, peace@uta.edu

Athletic Training library guide: **https://libguides.uta.edu/kine5120**

**Research or General Library Help**

Ask for Help

- **Academic Plaza Consultation Services (libraries.uta.edu/services/academic-plaza)**
- **Ask Us (ask.uta.edu)**
- **Research HELP (https://libguides.uta.edu/researchcentral)**

**Resources**

- **Subject and Course Research Guides (libguides.uta.edu)**
- **Librarians by Subject (libraries.uta.edu/research/librarians)**
- **A to Z List of Library Databases (libguides.uta.edu/az.php)**
• Course Reserves (https://uta.summon.serialssolutions.com/#!/course_reserves)
• Study Room Reservations (openroom.uta.edu)

Emergency Phone Numbers

In case of an on-campus emergency, call the UT Arlington Police Department at 817-272-3003 (non-campus phone), 2-3003 (campus phone). You may also dial 911. Non-emergency number 817-272-3381.