Pathology Case Studies 1
GMS 6323
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Course Format: This course is delivered “on-ground” and consists of didactic lectures supplemented with material available on the course Canvas site accessed through the USF portal (my.usf.edu). The course consists of:

Presentations:
Lecture presentations based on case reports using PowerPoint will be delivered by the individual course faculty as indicated in the course schedule. These presentations are intended to represent the main method of information delivery and may be extended by the addition of selected reading assignments designed to emphasize the clinical importance of the course material.

Reading Assignments:
Specific reading assignments in the form of published case reports will be assigned for each lecture. The reading assignments are additional means by which each student will acquire the core content of the course. It is essential that students complete the reading assignments prior to each class.

Quizzes:
Seven quizzes will be delivered through the Canvas portal as outlined in the course schedule with which students will be assessed about their level of comprehension of the course materials.
Course Textbooks:
The following textbook is recommended for this course.

“Robbins Basic Pathology” (Kumar, V., Abbas, A.K., Aster, J.) 9th Ed. Saunders, 2012


How to Order Course Materials:
The required text is available at the USF Health Bookstore. The book can be ordered from the USF Health Bookstore over the phone (813-974-4984). If you call the bookstore to order they will ship and the books should arrive in 3-4 days

Course Materials: Course lecture materials will be available on the course Canvas site accessed through the USF portal (my.usf.edu).

Course Objectives:
Pathology Case Studies 1 (GMS 6323) presents a concise introduction to the basic pathophysiologic principles that are found in the musculoskeletal system. Pathology, as a discipline, is juxtaposed between clinical medicine and the basic sciences and is crucial to understanding the nature of important pathophysiologic mechanisms that are critical to human health and disease and comprise part of the foundation of modern medical practice. This course emphasizes a fundamental understanding of the principles of pathology, including cell injury, inflammation, immunopathology, neoplasia and congenital and environmental pathology, by focusing on the anatomical, pathophysiological and pathologic processes in musculoskeletal system. The course develops a broad and thorough understanding of the principles of human pathology by examining major diseases of the musculoskeletal system through published case reports. All material is presented in the context of modern medicine such that at the completion of the course, students will be able to:

1. Communicate an understanding of tissue injury and disease processes, using appropriate pathology terms in the musculoskeletal system.
2. Recognize the morphological and functional differences between normal, injured or diseased musculoskeletal tissue.
3. Identify the various tumor types that are common to the musculoskeletal system.
4. Explain the causes of various degenerative diseases of the musculoskeletal system nervous system.
5. Demonstrate an understanding of the most frequent pathologies of the musculoskeletal systems.

Course Duration and Mode of Study:
The course is designed to be completed in one semester of the academic year. All the components of the course are delivered “on-ground” using a didactic lecture format and make extensive use of the “Canvas” academic learning environment. Access to course materials is
limited to individuals registered for the course. Students are not permitted to copy any of the course materials for sale or distribution to other individuals.

Permission to Use Lectures and Course Materials:
Policy regarding reproducing course materials:
Course materials are provided for students enrolled in this course to facilitate learning this course material. The instructor does not give permission for course lectures, lecture notes and other original materials to be reproduced for the purposes of commercial sale, mass reproduction and Internet postings; to use to teach other courses; to give to other students or others NOT enrolled in the course; or for other reasons than to facilitate learning for students currently enrolled in this course. All unauthorized recordings of class lectures are prohibited. Recordings that accommodate individual student needs must be approved in advance and may be used for personal use during the semester only; redistribution is prohibited.

Instructor’s Office Hours:
There are 3 modes.
1) Office meetings - by appointment
2) Email - anytime – (The instructor will make every effort to respond Monday through Friday within 48 hours between 9 am and 5 pm)
3) Telephone

Course Credit Hours:
This course corresponds to 3 credit hours. Students are expected to allot a minimum of 6 hours per week.

Location:
This course will meet once a week throughout the semester at the Morsani College of Medicine as scheduled in Oasis and the class schedule.

Course Prerequisites:
There are no prerequisites that must be completed prior to registering for this course.

Who To Contact and How:
For course content related questions - contact the instructor directly.
For problems accessing the course materials - contact the course administrator directly.
For computer related technological support & Canvas problems - (i.e., computer questions, access to Canvas, USF email, USF portal, cannot access the course, browser issues), please contact Academic Computing helpline at (813) 974-1222 or help@acomp.usf.edu per week.

How Do I Access The Course Website?
Step 1- Obtain a USF ID card (go to step 2 if you have a USF card)
Most Distance Learning Students do not have a USF ID Card Number. To apply for a USF Card complete the application, and send it to the USF Card Office. You can download the application or go to the website
at http://www.auxsvc.usf.edu/form_distance_learning.asp (It takes 1-2 weeks for the USF Card Office to process your application). NOTE: It is the student’s responsibility to get the USF Card before the start of the Semester, and to use the information on the ID card to obtain a NetID and access the course (see steps 2-3)

**Step 2- Create your NetID (go to step 3 if you have a NetID)**

The course’s secure website is located in Canvas within the USF Web Portal (https://my.usf.edu/). In order to access the Portal, the student must have a:

- NetID
- Login name
- Password

In order to establish a NetID login name and password, you will need the following: Date of Birth, Social Security Number, and USF ID Card Number (see step 1).

**Step 2a:**

To get your NetID, go to: https://una.acomp.usf.edu and click on “Are you a new user? Sign Up!”

1. Enter the first 16 digits located on the back of your USF ID card
2. Enter your date of birth
3. Enter your Social Security Number
4. Click on the continue button

**Step 2b:**

Follow the steps to change your password

**Step 3: Use your NetID, password and login name to enter the course on Canvas**

Open your internet connection, and at the top of the browser:

1. Type https://my.usf.edu/
2. Type your NetID (and press the Tab key)
3. Type your password
4. Press ENTER –or- click the Login button
5. Click on the COURSES tab

**Technology Requirements:**

**General Technology Requirements:**
All registered students must meet the minimum technical requirements. For details visit: http://hsccm.hsc.usf.edu/medicine/graduatestudies/Technology+Requirements.htm

**Specific Course Technology Requirements:**
This course may require the student to view/listen to narrated presentations, videos, and participate in audio-conferencing. Therefore, in addition to the general technology requirements, this course will require the following:

Flash player: http://www.macromedia.com/software/flashplayer/
Microsoft PowerPoint
Microsoft Word
It is the student’s responsibility to meet the above mentioned technical requirements before the start of the semester he/she is registered for.

Course Evaluations:
- There will be an evaluation from the University distributed towards the end of the course.

Examinations:
The course will have seven online quizzes as indicated in the class schedule. Grades will be posted in the grade book for each quiz and will be included in the calculation of the final grade. NO use of course materials or notes will be allowed during the quizzes.

Online Proctoring Syllabus Statement:
Examinations in this course may utilize online proctoring in Canvas to ensure exam integrity which requires special technological requirements. As stated in the appropriate USF announcement:

“All students must review the syllabus and the requirements including the online terms and video testing requirements to determine if they wish to remain in the course. Enrollment in the course is an agreement to abide by and accept all terms. Any student may elect to drop or withdraw from this course before the end of the drop/add period. Online exams and quizzes within this course may require online proctoring. Therefore, students will be required to have a webcam (USB or internal) with a microphone when taking an exam or quiz. Students understand that this remote recording device is purchased and controlled by the student and that recordings from any private residence must be done with the permission of any person residing in the residence. To avoid any concerns in this regard, students should select private spaces for the testing. The University library and other academic sites at the University offer secure private settings for recordings and students with concerns may discuss location of an appropriate space for the recordings with their instructor or advisor. Students must ensure that any recordings do not invade any third party privacy rights and accept all responsibility and liability for violations of any third party privacy concerns. Setup information will be provided prior to taking the proctored exam. For additional information about online proctoring you can visit the online proctoring student FAQ (Links to an external site.)”

Final Course Grade Calculation:
Final course grade will be based on the five online quizzes, each comprising 20% of the final grade. Final course grade will be based on a percentage performance basis for the course using the following grading scale:

<table>
<thead>
<tr>
<th>Grade</th>
<th>Score Range</th>
</tr>
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<tbody>
<tr>
<td>A</td>
<td>92–100</td>
</tr>
<tr>
<td>A-</td>
<td>89–91</td>
</tr>
<tr>
<td>B+</td>
<td>87–88</td>
</tr>
<tr>
<td>B</td>
<td>82–86</td>
</tr>
<tr>
<td>B-</td>
<td>79–81</td>
</tr>
<tr>
<td>C+</td>
<td>77–78</td>
</tr>
<tr>
<td>C</td>
<td>72–76</td>
</tr>
<tr>
<td>C-</td>
<td>69–71</td>
</tr>
<tr>
<td>D+</td>
<td>67–68</td>
</tr>
<tr>
<td>D</td>
<td>62–68</td>
</tr>
<tr>
<td>D-</td>
<td>59–61</td>
</tr>
<tr>
<td>F</td>
<td>&lt;59</td>
</tr>
</tbody>
</table>
"I" (Incomplete grade) Policy: 
Students sometimes fail to progress in technology-centered courses because adequate prerequisite technical skills are not possessed or because adequate time management and study skills are not exercised. These are NOT appropriate bases for the issuance of an "Incomplete" grade. No "I" grades will be awarded in this course without extenuating, documented circumstances, such as death in the family or extended illness. If you should happen to arrive in such unfortunate circumstances, be sure to provide the instructor with suitable documentation when you approach me about the "I". Don't ask the instructor what form the documentation should take or what is acceptable. If the instructor finds any problem with it they will let you know. "I" requests must be made and valid documentation provided before the course is over and grades have been issued. Your "I" will buy you one more semester in which to finish your work. If you haven't earned a higher grade by that time, your grade will convert permanently to an "F" and there will be no way to complete the course. If you wish at that point to continue, you will have to start anew by re-registering (and re-paying) for the course.

Make-Up Policy on Missed Exams:
Course participants are required to complete the course exams on the dates indicated in the syllabus and the Medical Sciences Masters’ in Anatomy calendar. Alternative dates for examinations are only given due to extreme circumstances, or emergencies. Students are required to provide appropriate documentation to support the claim of an emergency beyond their control, which will be determined acceptable by the course director BEFORE being granted an extension of time to complete an examination. No make-up exams will be scheduled prior to the regular course exams.

Attendance Policy:
First day class attendance is mandatory. Any students absent from the first class without prior approval by the course director will be dropped from the course by the registrar. Students are expected to be active members of the class. Course participants are expected to attend the lecture presentations. Examinations are mandatory.

Disability accommodation:
Information regarding qualifications for student disabilities through the Disabled Student Academic Services Office (DSA) at the University of South Florida can be found online at: http://download.grad.usf.edu/PDF/section14.pdf. Students can also directly contact the DSA for arrangement of academic accommodations and assistance at (813) 974-4309, SVC 2043, Coordinator of Disabled Student Academic Services.

Holidays and Religious Observations:
Students who anticipate that they will be unable to complete any aspect of this course due to the observation of a major religious observance must provide written notice to the instructor by the end of the second week of the course.
**Course Overview:**
This graduate-level course is primarily directed towards students who are enrolled in the Master and Ph.D. programs in biomedical sciences at USH Health or who are focused on future careers within the educational or medical professions.

**Lectures and Learning Objectives:**

1. List the most common congenital diseases of the musculoskeletal system
2. Describe the etiology of the most common congenital diseases of the musculoskeletal system
3. List the most common hereditary diseases of the musculoskeletal system
4. Describe the etiology of the most common hereditary diseases of the musculoskeletal system
5. List the most common metabolic diseases of the musculoskeletal system
6. Describe the etiology of the most common metabolic diseases of the musculoskeletal system
7. List the most common infectious diseases of the musculoskeletal system
8. Describe the etiology of the most common infectious diseases of the musculoskeletal system
9. List the most common degenerative diseases of joints
10. Describe the etiology of the most common degenerative diseases of muscle
11. List the most common tumors of the musculoskeletal system
12. Describe the etiology of the most common tumors of the musculoskeletal system
13. List the most common diseases of blood vessels
14. Describe the etiology of the most common diseases of blood vessels
Appendix A

University of South Florida Student Conduct Policies:  http://www.sa.usf.edu/

Online Conduct/Academic Dishonesty:
All members of this course shall foster an environment that encourages adherence to the principles of honesty and integrity. All parties shall protect the integrity of academic materials including test materials, copyrighted documents, and all related course work.

Students are expected to represent themselves honestly in all work submitted. The presence of a student’s name on any material submitted in completion of an assignment is considered to be an assurance that both the work and ideas are the result of the student’s own intellectual effort, and produced independently. Collaboration is not allowed unless specifically permitted by the instructors.

All course participants are expected to respect others’ personal feelings; have the right of freedom to hear and participate in dialogue and to examine diverse ideas; and have the right to a learning environment free from harassment and discrimination; and the responsibility that free discussion represents the scholarly nature of the learning community.

Cheating (the unauthorized giving, receiving, or use of material or information in quizzes, assignments or other course work or the attempt to do so) or plagiarism (the use of ideas, data or specific passages of another person’s published or unpublished work that is either unacknowledged or falsely acknowledged) is not acceptable in this course.

Academic Dishonesty & Disruption for Academic Process Policy
See http://www.sa.usf.edu/handbook/03/academics/ImportantAcademicPolicies.htm

Plagiarism & Punishment Guidelines for Plagiarism:
See http://www.sa.usf.edu/handbook/03/academics/ImportantAcademicPolicies.htm

Plagiarism is defined as ‘literary theft’ and consists of the unattributed quotation of the exact words of a published text, or the unattributed borrowing of original ideas by paraphrase from a published text. On written papers for which the student employs information gathered from books, articles, or oral sources, each direct quotation, as well as ideas and facts that are not generally known to the public at large, or the form, structure, style of a secondary source must be attributed to its author by means of the appropriate citation procedure. Only widely known facts and thoughts and observations original to the student do not require citations. Citations may be made in footnotes or within the body of the text. Plagiarism, also, consists of passing off as one’s own, segments or the total of another person’s work.

Cheating is defined as follows:
(a) the unauthorized granting or receiving of aid during the prescribed period of a course-graded exercise: students may not consult written materials such as notes or books, may not look at the paper of another student, nor consult orally with any other student taking the same test;
(b) Asking another person to take an examination in his/her place;
(c) Taking an examination for or in place of another student;
(d) stealing visual concepts, such as drawings, sketches, diagrams, musical programs and scores, graphs, maps, etc., and presenting them as one's own;
(e) Stealing, borrowing, buying, or disseminating tests, answer keys or other examination material except as officially authorized, research papers, creative papers, speeches, etc.

(f) Stealing or copying of computer programs and presenting them as one's own. Such stealing includes the use of another student's program, as obtained from the magnetic media or interactive terminals or from cards, print-out paper, etc.

**Punishment** for such Academic Dishonesties will depend on the seriousness of the offense and may include receipt of an ‘F’ or ‘O’ grade on the subject paper, lab report, etc., an ‘F’ in the course, suspension or expulsion from the University. The University drop policies and forgiveness policies shall be suspended for a student accused of plagiarism or cheating or both.
Graduate Programs in Integrated Biomedical Sciences

Office of Graduate & Postdoctoral Affairs
School of Biomedical Sciences
College of Medicine
USF Health
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