

PET 5936 Clinical Exercise Physiology

PET 5936 | Section 19934 | Summer 2023

bgordon1@ufl.edu

This course is dedicated to the creation of exercise prescriptions specifically tailored for various health-related conditions. The course will begin by examining the specifics of cardiovascular and resistance exercise prescription for the healthy adult. Then the course will move to pharmacology that is often seen with common health-related issues. Lastly the class will cover prevalent chronic disorders and how well-crafted exercise prescriptions can improve the condition of the client.

Course Objectives

Upon completion of this course students are expected to successfully:

- ✓ Analyze the use of general principles of exercise prescription
- ✓ Analyze the use of cardiovascular prescription
- ✓ Analyze the use of resistance prescription
- ✓ Analyze the use of balance and flexibility prescription
- ✓ Analyze the benefits of exercise prescription for various common chronic conditions

Instructor

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Course Requirements (Change)

35% - Exams

35% - Final Prescription

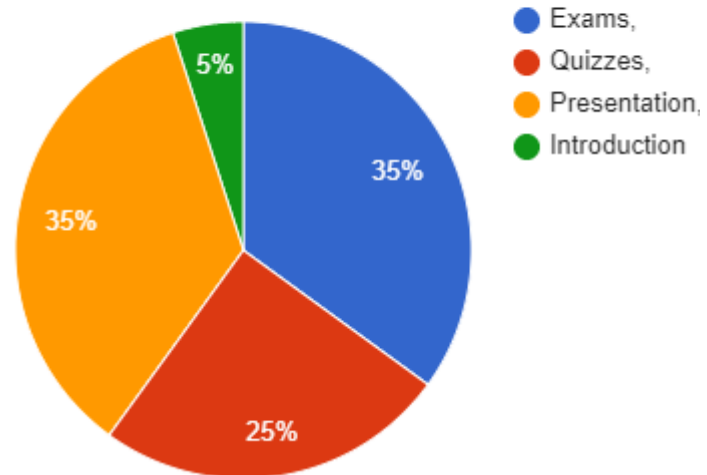
25% - Quizzes

5% - Your Story Assignment (Introduction)

Grading Standards

A	= 100-93	C(S)	= 76.99-73
A-	= 92.99-90	C-(U)	= 72.99-70
B+	= 89.99-87	D+	= 69.99-67
B	= 86.99-83	D	= 66.99-63
B-	= 82.99-80	D-	= 62.99-60
C+	= 79.99-77	E	= 59.99-0

Assignment Breakdown



See current UF Grading Policies for further details:

<https://catalog.ufl.edu/ugrad/current/regulations/info/grades.aspx>

Course Schedule

Week #	Topic	Lecture Videos	Assignment	Due Date
Week #1 5/15	Introduction Introduction to Exercise Prescription	Monday 10:00a Lecture Thursday 2:00p Lecture		
Week #2 5/22	Cardiovascular Prescription Cardiovascular Prescription	Monday 10:00a Lecture Thursday 2:00p Lecture	Quiz 1	5/21 - 5/29
Week #3 5/29	Cardiovascular Prescription Cardiovascular Prescription	Monday 10:00a Lecture Thursday 2:00p Lecture	Quiz 2 Your Story Assignment	5/29 – 6/5 6/4
Week #4 6/5	Cardiovascular Prescription Resistance Prescription	Monday 10:00a Lecture Thursday 2:00p Lecture	Exam 1	6/5 – 6/15
Week #5 6/12	Resistance Prescription Resistance Prescription	Monday 10:00a Lecture Thursday 2:00p Lecture	Quiz 3	6/15 – 6/22
Week #6 6/19	Resistance Prescription Resistance Prescription	Monday 10:00a Lecture Thursday 2:00p Lecture	Quiz 4 Exam 2	6/22 – 6/29 6/22 – 7/2
Week #7 6/26	Balance and Flexibility Balance and Flexibility	Monday 10:00a Lecture Thursday 2:00p Lecture	Quiz 5	6/29 – 7/6
Week #8 7/3	Principles of Pharmacology Principles of Pharmacology	Monday 10:00a Lecture Thursday 2:00p Lecture	Quiz 6	7/6 – 7/13
Week #9 7/10	Obesity Obesity	Monday 10:00a Lecture Thursday 2:00p Lecture	Quiz 7 Final Prescription Assigned	7/13 – 7/20 7/10
Week #10 7/17	Hypertension Hypertension	Monday 10:00a Lecture Thursday 2:00p Lecture	Quiz 8	7/20 – 7/27
Week #11 7/24	Dyslipidemia/Metabolic Disorder	Monday 10:00a Lecture Thursday 2:00p Lecture	Quiz 9	7/27 – 8/4
Week #12 8/1	Osteoarthritis	Monday 10:00a Lecture Thursday 2:00p Lecture	Quiz 10 Final Prescription	8/4 – 8/10 8/10
Week #13 8/8	Osteoporosis	Monday 10:00a Lecture	Exam 3	8/4 – 8/10

Course Requirements

The assignments will be used to assess the student's academic standing in this course. **Late assignments will not be accepted for credit unless arrangements have been made with the instructor prior to the due date for that particular assignment.** Failure to make prior arrangements may result in rejection of work submitted late as rescheduling/accepting assignments is at the discretion of the instructor. Requirements for class attendance and make-up exams, assignments, and other work are consistent with university policies:

<https://catalog.ufl.edu/ugrad/current/regulations/info/attendance.aspx>.

35% - Exams

3 exams for 35% of the final grade

Overview: Students will be assessed throughout the semester by taking 4 exams.

Students need to review opening and closing dates for all three examinations. These examinations are not open note, they are timed and students will have one attempt in completion.

35% - Quizzes

10 Quizzes for 35% of the final grade

Overview: Students will be assessed throughout the semester by taking 12 quizzes.

Students are required to complete quizzes and turn them in by due date assigned.

Please review each quiz's instructions & guidelines

35% - Final Exercise Prescription

1 Exercise Prescription for 35% of the final grade

Overview: Students will be assessed with their ability to complete a project.

Students will be given a case study of a fictional person with specific background information. The client will have goals for the upcoming mesocycle. Students will be expected to write an exercise prescription for the client that will help the client reach their goals. Students will have 4 weeks to work on the project. A rubric will be provided on Canvas.

5% - Your Story Assignment

Overview: Students will meet with the instructor

This is a short assignment at the start of the semester to help Dr. Gordon get to know each student. There are 10 simple questions to answer and turn in. Students will then sign up for a 10 minute time slot to meet with Dr. Gordon.

Course Policies & Information

Students should be aware that online learning is different than a traditional classroom experience and can present unique challenges, particularly to individuals who do not possess good time management skills. The online classroom is available to you 24 hours a day. Unlike traditional instructional settings in which each student gets the same class at a set time and day, the online setting gives students the opportunity to tailor class to their particular learning style. You should note, however, that this course is not completely self-paced. As listed on the class calendar, there are select times during which units and course materials will be available and are due. You can view each unit's lectures at any time during the dates in which that specific unit is open. Please note that all quizzes, exams, assignments, discussion posts, etc. must be completed and submitted by the due date listed on the syllabus. Quizzes and exams will only be available to you on the date(s) and time(s) listed on the syllabus. Since we will not have in-class meeting times for me to remind you of critical dates, it is essential to familiarize yourself with the course schedule, deadlines, and due dates.

Make Up Policy:

Assignments/Quizzes/Discussion posts/etc. will not be accepted late, and on some days more than one of these tasks may be due. If personal circumstances arise that may interfere with your ability to meet a deadline, **please let me know as soon as possible before the due date**. Please keep in mind only university authorized excuses will be accepted, and documentation must be provided. Requirements for make-up exams, assignments, and other work are consistent with university policies: <https://catalog.ufl.edu/ugrad/current/regulations/info/attendance.aspx>

Communication and Questions:

You may email me through the course site with any questions or concerns you have, and I will attempt to respond to your emails within 24 hours (typically sooner). If you have an urgent issue, please call my office and/or email my personal UF email, < bgordon1@ufl.edu >.

For general course questions, I encourage you to check the **Course Questions Discussion Board** since other students may have the same question. If you do not find an answer, post your question using a descriptive subject line. All students are expected to follow rules of common courtesy in email messages, discussions, chats, etc. Please review the [Netiquette Guide](#) (also on course website) for further important information.

University Policy on Accommodating Students with Disabilities:

Students with disabilities requesting accommodations should first register with the Disability Resource (DSR) Center (352-392-8565; www.dso.ufl.edu/drc/) by providing appropriate documentation. Once registered, students will receive an accommodation letter which must be presented to the instructor when requesting accommodation. You must submit this documentation to your instructor prior to submitting assignments or taking the quizzes or exams. Accommodations are not retroactive, therefore, students should contact the DSR office as soon as possible in the term for which they are seeking accommodations

Honor Code Policy:

"We, the members of the University of Florida community, pledge to hold ourselves and our peers to the highest standards of honesty and integrity."

The following pledge will be either required or implied on all work:

"On my honor, I have neither given nor received unauthorized aid in doing this assignment."

It is the duty of the student to abide by all rules set forth in the UF Undergraduate Catalog. Students are responsible for reporting any circumstances, which may facilitate academic dishonesty. University Policy on Academic Misconduct: Academic honesty and integrity are fundamental values of the University community. Students should be sure that they understand the UF Student Honor Code at:

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

Honorlock Quiz and Exam Proctoring Information:

Honorlock will proctor your quizzes and examinations this semester. Honorlock is an online proctoring service that allows you to take your exam from the comfort of your home. You DO NOT need to create an account, download software or schedule an appointment in advance. Honorlock is available 24/7 and all that is needed is a computer, a working webcam, and a stable internet connection.

To get started, you will need Google Chrome and to download the Honorlock Chrome Extension. You can download the extension at www.honorlock.com/extension/install

When you are ready to test, log into Canvas/E-Learning, go to your course, and click on your exam. Clicking launch Proctoring will begin the Honorlock authentication process, where you will take a picture of yourself, show your ID, and complete a scan of your room. Honorlock will be recording your exam session by webcam as well as recording your screen. Honorlock also has an integrity algorithm that can detect search-engine use, so please do not attempt to search for answers, even if it's on a secondary device.

Honorlock support is available 24/7/365. If you encounter any issues, you may contact Honorlock by live chat, phone (844-243-2500), and/or email (support@honorlock.com)

Academic Integrity:

All students must adhere to university regulations regarding academic integrity. Any form of academic dishonesty (including but not limited to any form of cheating, plagiarism, misrepresentation, etc.) will not be tolerated. Any student guilty of academic dishonesty will receive a failing grade (E) for the course, and the matter will be forwarded to the UF Office Student Affairs and the Dean of Students.

Grade Appeal Policy:

Should you want to contest a grade, you will have up to three (3) days after a grade has been posted to contact me and discuss your issue; after which the grade is final. Grades are based on a point scale and will not be rounded.

Getting Help:

The University of Florida recognizes that pursuit of an online degree requires just as much student support as pursuit of a traditional on-campus degree and, therefore, each online program is responsible for providing the same student support services to both students who are in residence on the main campus and those who are seeking an online degree through distance learning. The following links provide support services for students:

[Online Computing Help Desk- e-Learning Support Services](#)

The UF Computing Help Desk is available to assist students with technical issues. If you have any issues accessing the online course material you must contact the UF Computing Help Desk immediately for assistance and obtain a case number. I will not accept late assignments, or change any course dates, due to technology difficulties if you do not have a case number prior to the due date for the assignment.

For issues with technical difficulties in E-learning, please contact the UF Help Desk:

helpdesk@ufl.edu

(352) 392-4357

<https://elearning.ufl.edu/student-help-faqs/>

Other resources are available at: <https://distance.ufl.edu/getting-help/>

[Online Library Help Desk](#)

The help desk is available to assist students with access to all of the UF Libraries resources.

[Disabilities Resource Center](#)

Students requesting classroom accommodation must first register with the Dean of Students Office. The Dean of Students Office will provide documentation to the student who must then provide this documentation to the Instructor when requesting accommodation. If you have a physical, learning, sensory or psychological disability, please visit our Disabilities Resource Center.

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 so that the U Matter, We Care Team can reach out to the student in distress. 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.

Copyright Statement:

The materials used in this course are copyrighted. The content presented is the property of UF and may not be duplicated in any format without permission from the College of Health and Human Performance and UF, and may not be used for any commercial purposes.

Content includes but is not limited to syllabi, videos, slides, quizzes, exams, lab problems, in-class materials, review sheets, and additional problem sets. Because these materials are copyrighted, you do not have the right to copy or distribute the course materials, unless permission is expressly granted. Students violating this policy may be subject to disciplinary action under the UF Conduct Code.

Disclaimer: This syllabus represents the objectives and tentative plans for the course. As we go through the semester, those plans may need to change to enhance the class learning opportunity. Such changes, will be communicated clearly, are not unusual, and should be expected.