



**Equine Exercise Physiology EQSC 322.001E
Summer I 2024
Web Based
Location: N/A
Lab: N/A
Lab Location: N/A**

Instructor: **Nathan Wells**
Office Location: **AGIT 233 F**
Office Hours: **MW 3:00 – 5:00**
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Preferred Form of Communication: **Email**
Communication Response Time: **1-2 days**

COURSE INFORMATION

Materials- None at this time. I will provide you with all necessary material.

Textbook: Various resources that will be provided throughout the semester

Optional Texts and/or Materials: Various resources that will be provided throughout the semester

Course Description

Fundamentals of evidence-based equine training and exercise methods. Discussion of training programs, their assessment and effectiveness, and prevention of exercise-induced injuries. Prerequisites: ANS 1319 or EQSC 240.

The syllabus/schedule are subject to change.

Student Learning Outcomes

Upon successful completion of this course students should have an understanding of these concepts;

- a. Perform a horse health check
- b. Design and monitor a year-round training program for a horse (using training principles, structuring the workout, monthly and yearly plans)
- c. Identify problems specific to the various disciplines and suggest appropriate prevention or actions
- d. Explain the scientific rationale for suggested practices based on an understanding of horse exercise physiology (the structure and function of the systems)
- e. Assess the advantages and disadvantages of new technology and alternate training venues or programs for the athletic horse

COURSE REQUIREMENTS

Basic Skills Needed

The student in this course should have a basic understanding of equine anatomy and physiology. They should be able to research information on their own via the internet, library, or interviewing persons involved in training horse to develop an ideal training program for a horse in various disciplines. The student must be able to read research articles and publications to develop best-practice methods for basic horse training exercises. The student must keep up with assignments and weekly quizzes as the course moves quickly and most quizzes are only available for a limited time.

Materials – Text, Readings, Supplementary Readings

-There are no required textbooks for this course. I will be providing 2 modules for you to complete each week. There may be additional videos or online material that is required for you to watch or read. **If it mentioned in the assignment it is required for your completion to earn full credit.**

-For those who would like to purchase helpful reading material, I would suggest:

Equine Exercise Physiology: The Science of Exercise in the Athletic Horse 1st Edition by Kenneth W. Hinchcliff BVSc(Hons) MS PhD Dipl ACVIM (Editor)

Illustrated Atlas of Clinical Equine Anatomy and Common Disorders of the Horse; Ronald J. Riegel, D.V.M. and Susan E. Hakola, B.S., R.N., C.M.I.

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TECHNOLOGY REQUIREMENTS

This course will be offered using the D2L LMS. This will require students to logon at least weekly to complete course work and answer discussion questions. There will be quizzes on a weekly basis that students must complete to receive credit.

COURSE REQUIREMENTS

Activities / Assessments

“This course is made up of a series of assignments and assessments to assist you in achieving the course and module learning objectives/outcomes. Each week you will work on various combinations of discussions, readings, quizzes, assignments, exams, etc. which will be made available to you by each Monday and close on the following Sunday.”

Week 1: June 3 - 9

Week 2: June 10 - 16

Week 3: June 17- 23

Week 4: June 24 – June 30

Week 5: July 1 – July 3

All work for each week will open on the first date stated above which is a Monday and will all be due by midnight of the end date stated above which is on a Sunday except for week 5 which is a short week and ends on Wednesday. Two modules are to be completed each week. There are ten modules total. Each module will contain a lecture, discussion, and quiz which should all be completed online by the end of the week. Modules 4 and 8 will have an assignment that will also be due by the end of the week. Module 10 will have a final exam that will be due by July 3 at 11:59 PM.

Discussions: 100 points

The student will be an active and engaged participant in the discussion topic for the module using critical thinking and knowledge that has been gained through the assigned lectures and readings. The discussions should demonstrate the ability to use critical thinking and seek out an answer that may not be concrete. Your contributions to the discussion forums will be graded for quality not quantity, timeliness of your contributions, and a detailed analysis of linking together theory (readings) to application (activities).

Assessment Method: The discussions will be graded by the instructor and should answer the question and show effort, deep thought, and opinion depending on the discussion topic. They will be graded using the discussion forum rubric found at the link below:

https://teach.uiowa.edu/sites/teach.uiowa.edu/files/wysiwyg_uploads/sample_online_discussions_rubric.pdf

The syllabus/schedule are subject to change.

Quizzes: 200 points

Module quizzes will be given online relating to the material in the lectures. Complete the quizzes online by accessing the Quizzes in D2L. The quizzes will be due by the end of the week. Grades will be made available to students the week following submission of the quiz. If you lose Internet connectivity during the quiz, log back in immediately and continue on with the quiz. Save your answers often (every 5-10 minutes). If you experience any issues while taking the quiz, you must contact the myLeoOnline Helpdesk immediately so that your issue is documented with a helpdesk ticket number. Considerations regarding quiz issues will be made by the instructor on an individual basis based on the documentation.

Assessment Method: Multiple Choice, True/False, Fill in the Blank, Matching, and Essay Quiz

Assignments: 200 points

Two assignments will be given throughout this course. These assignments will be due in module 4 and module 8. These assignments will be based upon the information learned in the lectures. The assignments should demonstrate critical thinking, logic, and a thorough understanding of functional anatomy and physiology.

Assessment Method: Instructor will grade each assignment according to the knowledge that should have been gained in the course. Application of learned material should be evident in assignment.

Final Exam: 150 points

Final exam will be given online relating to the material in all of the lectures. Complete the exam online by accessing the myLeoOnline exam tool. The exam will be timed and grade made available to students following submission of the exam. If you lose Internet connectivity during the exam, log back in immediately and continue on with the exam. Save your answers often (every 5-10 minutes). If you experience any issues while taking the exam, you must contact the myLeoOnline Helpdesk immediately so that your issue is documented with a helpdesk ticket number. Considerations regarding exam issues will be made by the instructor on an individual basis based on the documentation.

Assessment Method: Multiple Choice, True/False, Fill in the Blank, Matching, and Essay Exam

Grading

Every item is worth a particular amount of points. Check the online grade book to see how many points each individual discussion, quiz, assignment, final exam, and lab participation grade is worth. This is a point grading system, and the table below shows the points needed to receive the different letter grades.

Each individual discussion is worth 10 points. Each quiz is worth 20 points. Each assignment is worth 100 points, and the final exam is worth 150 points.

Letter grades by points:

Total Points Possible for Semester = 550
495-550 = A
440-494 = B
390-439 = C
330-389 = D
0-329 = F

There is absolutely no extra credit in this course!!!

ACCESS AND NAVIGATION

Access and Log in Information

This course was developed and will be facilitated utilizing myLeoOnline/D2L Brightspace, the Learning Management System used by Texas A&M University-Commerce. To get started with the course, go to: <https://leo.tamu-commerce.edu/login.aspx>.

You will need your CWID and password to log in to the course. If you do not know your CWID or have forgotten your password, contact Technology Services at 903.468.6000 or helpdesk@tamuc.edu

How is the Course Organized?

The course is organized by modules which directly coincide with the weeks in the semester. The dates each module will open and close were stated above. Two modules will be covered per week in the summer semester.

What Should Students Do First?

Students should browse through the home page, syllabus, webliography, student lounge, and virtual office to get an idea of each of these. Then, the students should begin on module 1. Any questions should be emailed to the instructor or posted in the virtual office.

How Should Students Proceed Each Week for Class Activities?

1. The student will access and follow all course instructions found in the module/unit content area of the myLeoOnline course. The module/unit content area of our course is found on the navigation bar.
2. Each module will contain a lecture for the students to read.

The syllabus/schedule are subject to change.

3. After the student is familiar with the lecture, they should click on the quiz tab to take the online quiz.
4. The student should also participate in the discussion forum for the module by clicking on the discussion tab.
5. Assignments should be completed by uploading them to the dropbox after reading the information in the assignment tab on the appropriate weeks.
6. The final exam will be in module 10 and should be completed after all information from the semester has been reviewed.

COMMUNICATION AND SUPPORT

The following are the tools the instructor will be using for communication throughout the semester:

- *Email will be checked daily during the week and will be sent out as reminders*
- *Virtual Classroom will be checked daily M-F during the week*
- *Announcements will be made when necessary and students should view*
- *Students can email the instructor or ask questions through the communication tools in myLeoOnline*

Interaction with Instructor Statement

The primary tool used for communication will be email and announcements. Students should send personal concerns or questions to email.

Students should expect a response to emails within 48 hours during the week. Questions sent over the weekend should not expect a response until Monday. The instructor will email students at their myLeo email address. Proper netiquette should be used for this course. This means that comments put in discussion forums, office, and lounge should all be of a nature that will not be offensive to others.

Student Support

Texas A&M University-Commerce provides students technical support in the use of myLeoOnline. The student help desk may be reached by the following means 24 hours a day, seven days a week.

Chat Support: Click on '*Live Support*' on the tool bar within your course to chat with an Representative.

Phone: 1-866-656-5511(Toll Free) to speak with Technical Support Representative.

Email: helpdesk@tamuc.edu to initiate a support request with Technical Support Representative.

Help: Click on the '*Help*' button on the toolbar for information regarding working with myLeoOnline (i.e. How to submit to dropbox, How to post to discussions etc...)

COURSE AND UNIVERSITY POLICIES

Course Policies

Academic Honesty Policy

All students enrolled at the University shall follow the tenets of common decency and acceptable behavior conducive to a positive learning environment. (See current 'Code of Student Conduct' from online Student Guide Handbook)

Texas A&M University-Commerce does not tolerate **plagiarism** and other forms of academic **dishonesty**. Conduct that violates generally accepted standards of academic honesty is defined as academic dishonesty. "Academic dishonesty" includes, but is not limited to, plagiarism (the appropriation or stealing of the ideas or words of another and passing them off as one's own), cheating on exams or other course assignments, collusion (the unauthorized collaboration with others in preparing course assignments), and abuse (destruction, defacing, or removal) of resource material.

<http://www.plagiarism.org/>

Examination & Quiz Policy

Quizzes are open book. This means that you may print out the lectures to use during the quizzes. Although, the student should be familiar with the information because there will not be enough time allotted to look up every answer. The student shall also be familiar with the information because not all questions will have a direct answer. They will require critical thinking and understanding of the material in the lecture. The final exam shall not be open book and will cover all material from the semester. If a student loses internet connection during a quiz, the instructor will look at the technical report and decide whether the quiz may be retaken.

Late Work

Late work will be accepted up to one week late with a 25% deduction.

Drop a Course

"A student may drop a course by logging into their myLEO account and clicking on the hyperlink labeled 'Drop a class' from among the choices found under the myLEO section of the Web page."

Instructor Policies

The instructor reserves the right to change the syllabus, points allotted, or other information as needed throughout the semester.

The syllabus/schedule are subject to change.

University Policies

ADA Statement

Students with Disabilities:

The Americans with Disabilities Act (ADA) is a federal anti-discrimination statute that provides comprehensive civil rights protection for persons with disabilities. Among other things, this legislation requires that all students with disabilities be guaranteed a learning environment that provides for reasonable accommodation of their disabilities. If you have a disability requiring an accommodation, please contact:

Office of Student Disability Resources and Services

Texas A&M University-Commerce

Gee Library 132

Phone (903) 886-5150 or (903) 886-5835

Fax (903) 468-8148

StudentDisabilityServices@tamuc.edu

Student Disability Resources & Services