

MARTIN COMMUNITY COLLEGE
COURSE SYLLABUS
Semester/Year: Spring/2011

COURSE NUMBER:	EQU 241 (5H1)	INSTRUCTOR:	Kimberly Stewart
COURSE TITLE:	Equine Reproduction and Genetics	OFFICE NO:	Building 1, Room 39
CREDIT HOURS:	4	OFFICE/VIRTUAL HOURS:	Monday & Friday 11-11:50, Tuesday – Thursday 4-4:50
CONTACT HRS/WK:	5 (3 class, 2 lab)	PHONE NO:	(252) 789-0317 or (252) 567-1337
PREREQUISITES:	None	FAX:	(252) 792-0826
COREQUISITES:	EQU 212	E-MAIL:	kstewart@martincc.edu

COURSE DESCRIPTION:

This course covers the theory and practices associated with efficient reproduction, including mare and stallion care and basic principles of genetic selection. Topics include anatomy and physiology, cycles, fertility, heat detection, breeding methods, semen evaluation, gestation, parturition, diseases, embryo transfer, and genetics of desirable and undesirable traits. Upon completion, students should be able to demonstrate laboratory competencies in aspects of breeding and explain genetic concepts and selection and reproduction theories.

PROGRAM LEARNING OUTCOMES:

After successfully completing the Equine Technology Program, the student will:

1. Demonstrate the level of responsibility and work ethic necessary to be effective and successful in the Equine Industry.
2. Assess equine injuries and apply first aid while utilizing proper safety techniques.
3. Demonstrate a balanced seat, the proper use of natural and artificial aids while applying basic riding and training techniques to green and broke horses.

COURSE LEARNING OUTCOMES:

1. Evaluate semen and successfully use this information to determine the correct dosage needed to inseminate the mare.
2. Identify different breeding methods and procedures.
3. Explain the mare's hormone cycle.

REQUIRED TEXTBOOKS:

Blanchard, Terry. (2003). Manual of equine reproduction (second edition). St. Louis, MO: Mosby, INC. ISBN: 0323017124

SUPPLEMENTAL RESOURCES:

None

LEARNING/TEACHING METHODS: Lecture, Class Discussion, Reading Assignments, Writing Assignments, Individual Projects, Outside Reading Assignments, and Hands on Activities.

ASSESSMENTS/METHODS OF EVALUATION:

1. Tests: Tests can cover any material covered in notes posted on blackboard, lab, textbooks, handouts, clinics or videos. They will be both written and practical.
2. Assignments: Students will be asked to write papers pertaining to the information that is being covered in class.
3. Outside Reading Assignments: Students will be asked to reading assignments outside of class that pertains to the information that is being covered in class.
4. Discussion Forum: Students will be asked to participate in weekly discussions on what is being covered in class.
5. Final Exam: Will be comprehensive.

GRADING POLICY:

GRADING SCALE:

- A (90- 100)
- B (80-89)
- C (70-79)
- D (60-69)
- F (Below 60)

GRADE BREAKDOWN:

Outside Reading Assignments	10%
Quizzes and Projects	30%
Weekly assignments	10%
Discussion Board	10%
Tests	30%
Final	10%

TESTING POLICY:

All tests are posted at the beginning of the semester, so students are able to work ahead if they so desire. All of the tests have due dates on them, so you need to be sure that you complete the tests by the assigned dates. Not checking the web site often enough is not an excuse for not having completed a test.

The tests are set up to force completion. What this means is that once you open the test, you must finish it. The computer will not allow you to reopen the test later. The computer will pull questions from a random pool of questions, so no two tests are alike.

I will grade the tests in 1 week of the due date.

MAKE UP WORK:

Work missed (NOT including TESTS) will be accepted but will only receive **half credit**, and must be turned in within 2 weeks of the due date. Article Summary # 8, and weeks 15 and 16 homework and discussion forum assignments will not be accepted late.

EXTRA CREDIT:

Extra Credit is available on an individual basis. You will be assigned a project that pertains to what we are covering in class at the current time. Points earned from extra credit will be added on to your grades in the following order: tests, quizzes, outside reading assignments, homework, and then discussion forums. There will be no extra credit given for the Final.

HOMEWORK:

You will be given a homework assignment to do every week. All homework is posted at the beginning of the semester, so students can work ahead if they so desire. All of the homework assignments have due dates listed on them, so be sure that you complete them on time. I will grade the homework assignments in 1 week of the due date. The assignments can be found in the Assignment section of Blackboard. Work missed (NOT including TESTS) will be accepted but will only receive **half credit**, and must be turned in within 2 weeks of the due date. Article Summary # 8, and weeks 15 and 16 homework and discussion forum assignments will not be accepted late.

DISCUSSION FORUM:

Every week you will have a discussion forum that you will need to participate in. All of the discussion forums for the semester are posted at the beginning of the semester, so students can work ahead if they so desire. All of the discussion forums have due dates on them, so be sure that you complete the work on time. You need to post at least once in each thread to receive full credit, and respond to at least 2 posts from your classmates or the instructor in each thread. You must use correct grammar and punctuation to receive full credit. I will take off 1 point for each grammar or punctuation mistake. Work missed (NOT including TESTS) will be accepted but will only receive **half credit**, and must be turned in within 2 weeks of the due date. Article Summary # 8, and weeks 15 and 16 homework and discussion forum assignments will not be accepted late.

OUTSIDE READING ASSIGNMENTS:

Students will be asked to read weekly articles from various websites that pertain to the material that is being covered in the class at that time. They will be asked to write summaries on each of the articles. These articles will be posted in the assignment section of blackboard along with their weekly homework. Work missed (NOT including TESTS) will be accepted but will only receive **half credit**, and must be turned in within 2 weeks of the due date. Article Summary # 8, and weeks 15 and 16 homework and discussion forum assignments will not be accepted late.

COURSE OUTLINE: This schedule is subject to change at the discretion of the instructor, with or without notice!

Equine Reproduction & Genetics Schedule - Spring 2011

HWA = Homework Assignment for the week (HWA #1 = Homework assignment 1)

AS for the week = Article summary (AS #1 = Article Summary 1)

FOR = Discussion Forum (FOR #1 = Discussion Forum 1)

All Homework Assignments, Article Summaries, Forums and Tests are due by Midnight on the corresponding dates!!

Week # in Course	# set notes	Date that the information should be covered by:	Title of Notes	Where to find the information in the books	Reference to Blackboard
1	1	1/17/11	The Stallions Reproductive System	Chapter 13 Pages 143 – 149	HWA #1 – due 1/17 FOR #1 – due -1/21
2	2	1/24/11	The Mare's Reproductive System	Chapters 1, 2 & 3 Pages 1 – 30	HWA #2 – due 1/24 AS #1 – due 1/24 FOR #2 – due 1/28
3	3	1/31/11	The Mare's Hormones	Chapters 1, 2 & 3 Pages 1 - 30	HWA #3 – due 1/31 FOR #3 – due 2/4
4	4	2/7/11	Stallion Management	Chapter 13 – Pages 143 - 153	HWA #4 – due 2/7 AS #2 – due 2/7

					FOR #4 – due 2/11 Test 1 Due by 2/11/11
5	5	2/14/11	Mare Management	Chapter 4 Pages 31 - 42	HWA #5 – due 2/14 FOR #5 – due 2/18
6	6	2/21/11	Heat Detection	Chapter 2 Pages 9 - 15	HWA #6 – due 2/21 AS #3 – due 2/21 FOR #6 – due 2/25
7	7	2/28/11	Breeding Methods and Procedures	Chapter 12 Pages 131 - 142	HWA #7 – due 2/28 FOR #7 – due 3/4
8	8	3/7/11	Breeding Methods and Procedures	Chapter 12 Pages 131 - 142	HWA #8 – due 3/7 AS #4 – due 3/7 FOR #8 – due 3/11 Test 2 Due by 3/11/11
9	9	3/14/11	Semen Evaluation	Chapter 13 Pages 153 -157	HWA #9 – due 3/14 FOR #9 – due 3/18
10	10	3/21/11	Fetal Development	Chapters 7, 8 & 9 Pages 69 – 127	HWA #10 – due 3/21 AS #5 – due 3/21 FOR #10 – due 3/25
11	11	3/28/11	Pregnancy & Abortion	Chapters 7 & 8 Pages 69 -92	HWA #11 – due 3/28 FOR #11 – due 4/1
12	12	4/4/11	Foaling	Chapter 10 Pages 107 - 116	HWA #12 – due 4/4 AS #6 – due 4/4 FOR #12 – due 4/8 Test 3 Due by 4/8/11
13	13	4/11/11	Abnormal Foaling	Chapter 10 Pages 107 116	HWA #13 – due 4/11 FOR #13 – due 4/15
14	14	4/18/11	Neonatal Foal	Chapter 11 Pages 117 - 130	HWA #14 – due 4/18 AS #7 – due 4/18 FOR #14 – due 4/22
15	15	4/25/11	Stallion Infertility	Chapter 16 Pages 193 - 218	HWA #15 – due 4/27 FOR #15 – due 4/29
16	16	4/29/11	Mare Infertility	Chapter 6, 8 & 15 Pages 59 – 58, 77 – 92 & 179 - 192	HWA #16 – due 4/29 AS #8 – due 4/29 FOR #16 – due 4/29 Test 4 & Final Both are Due by 4/29/11

All notes, homework assignments, outside reading assignments, tests, and any other information that you may need can be found on Blackboard. If you need assistance finding something, please contact Kim Stewart at (252) 567-1337.

STUDENT ATTENDANCE POLICY:

Attendance will be taken in the seated portion of the class, or in other words, when we meet for the labs. Students will be allowed to have 3 hours of unexcused absences, and 3 hours of excused absences. In order for an absence to be excused, the student must receive permission from the instructor PRIOR to the absence, and provide documentation for the reason of the absence. The student is expected to make up any missed work and may be required to do an additional assignment. Absences may be excused at the discretion of the instructor for the following reasons: IHSA, doctor visits, legal proceedings, SGA, and approved equine events. Three tardies will equal an unexcused absence. A student that is more than 15 minutes late to class will be marked absent and unless adequate documentation is provided, it will be considered unexcused.

REQUEST FOR EXCUSED ABSENCES FOR RELIGIOUS OBSERVANCES*

***In compliance with G.S. 115D-5, MCC policy permits a student to be excused, with the opportunity to make-up any test or other missed work, a minimum of two excused absences per academic year for religious observances required by the student's faith. The policy limits the excused absences to a maximum of two days per academic year.**

Students who wish to be excused for a Religious Observance required by their faith must complete and submit a request form to the instructor(s) prior to the census date of each class. The *Request for Excused Absences for Religious Observances* form can be picked up from Student Services. This does not supersede the college-wide attendance policy as outlined in the college catalog or syllabus, with the exception of a reasonable accommodation for the make-up of missed course work.

COURSE POLICIES:

ADMINISTRATIVE WITHDRAWAL POLICY:

Students must be present in at least one class during the first 10% of the course in order to be considered enrolled in the course. Students who do not attend the course by the census date will be administratively withdrawn from the course by the instructor and will not be allowed to attend the class. In addition, instructors may administratively withdrawal a student missing 6 continuous hours or failing to attend the required percentage of total hours of a course without a justifiable absence and verifiable contact with the instructor. The instructor also retains the right to administratively withdrawal any student who does not comply with the rules and requirements of the course. Students will receive a grade of "WF" for the administrative withdrawal. The "WF" will be equivalent to an "F" which will be calculated into the students GPA.

CONTACTING YOUR INSTRUCTOR:

If for some reason you are unable to reach me in my office, feel free to call my cell phone during the hours of 7:00 am – 10:00 pm, Monday – Friday, or Saturday and Sunday 9:00 am – 10:00 pm. If I am not able to answer the phone, please leave a detailed message with you phone number, and I will return your call as soon as possible. My cell phone number is located at the bottom of the syllabus.

COMMUNICATION POLICY:

All written & oral communication between students and faculty is to be absolutely professional. This means that proper grammar is required in all correspondence between your teachers, instructors, advisors & yourself. This policy covers spoken words, email, discussion forums, homework, phone calls, voice mail, text messages, handwritten letters, notes & any other interaction between students & staff.

SAFETY:

There will be many days when we are in the barn or arena looking at horses. So, you will be required to wear proper attire, boots with a heel and long pants at all times when class is in session. If you show up to class in

attire that does not meet this requirement, you may be sent home and that class period will count against your unexcused absences. Please refer to your Equine Handbook for more information on safety issues.

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Please be sure to read the attached Academic Integrity Policy. Be advised that anyone who is found guilty of academic dishonesty will be punished to the fullest.

If you cannot reach your instructor, you may contact Dr. Phyllis Broughton, Dean of Academic Affairs and Student Services at (252)789-0246 by phone, pbroughton@martincc.edu by e-mail, or in person at her office in Building 2, Room 33.

To access the Martin Community College Career Catalog for policies and curriculum requirements, please go online to www.martincc.edu.

If you have a need for a disability-related accommodation, please notify the Student Services counselor at (252) 789-0293.

