



WACO, TEXAS

COURSE SYLLABUS

AND

INSTRUCTOR PLAN

INTRODUCTORY ANIMAL SCIENCE LAB

AGRI 1119_75

MARY SIDES

NOTE: This is a 16-week course.

COVID 19 Notice:

McLennan Community College is committed to providing you with every resource you need to reach your academic goals including your safety. We will continue to monitor the evolving situation with COVID 19 and adjust our safety guidelines to make sure we offer a safe environment for you and our faculty. Please make sure to consult your faculty and the MCC website at <https://www.mclennan.edu/crisis-management/coronavirus-updates/index.html> on any changes to these guidelines.

Course Description:

This laboratory-based course accompanies AGRI 1319 Introductory Animal Science (lecture). Laboratory activities will reinforce scientific animal production and the importance of livestock and meat industries. Selection, reproduction, nutrition, management, and marketing of livestock.

Prerequisites and/or Corequisites:

AGRI 1319 Introductory Animal Science (lecture)

Course Notes and Instructor Recommendations:

A few hints for doing well in this class:

1. Read the assigned textbook chapter before coming to lab. In some cases, you will already be reading the assigned chapter as part of the lecture requirements, but there will be weeks where the material will be strictly in the lab, so there will be additional readings assigned.
2. Attend class regularly.
3. Pay attention in class and take notes during the lecture.
4. Submit assessments on or before the due date.
5. Ask questions if you have them. If there is something that is unclear to you, please ask for clarification. I will be happy to provide additional explanation. You are free to contact me via e-mail with any questions or concerns you have about the course or the material.

Instructor Information:

Instructor Name: Ms. Mary Sides

MCC E-mail: msides@mclennan.edu

Office Phone Number: 254-299-8164

Office Location: Room 208A – Science Building. Room 124 - Highlander Ranch.

Office/Teacher Conference Hours: 2:15 pm – 3:00 pm on Tuesdays and Thursdays (Science Building). Other times by Zoom videoconference by appointment.

Other Instruction Information: The best way to reach me is through the e-mail address listed above. I may not be able to respond immediately, but I will try to respond within 24 hours to communications received during the week (Monday through Thursday). I will try to respond to messages received over the week-end (Friday through Sunday) within 72 hours. Please include the following information in your message:

- **Your name and the course name and number in the subject line.** For this class, the course name and number is AGRI 1119.
- **Your purpose for writing.** Please state the purpose of the message in the subject line.

- **Please utilize correct spelling and grammar.** Proper spelling and grammar are vital to clear communication.

You need to use your MCC e-mail account when contacting me. Please do not attach files or e-mail assignments without prior authorization. Also, please do not put me on your e-mail lists for inspirational, funny, or chain e-mails. E-mails should be confined to class-related issues.

I only reply to telephone messages when I am on campus. As I live over 1.50 hours from campus, I will only be on campus on Tuesdays and Thursdays during the semester. Therefore, if you do need to call me, please leave me your e-mail address so that I can reply.

Required Text & Materials:

For our textbook for this course, we will be using a title published by Cengage. The book is available as a print book and also an e-book.

Title: Modern Livestock and Poultry Production
Author: Frank B. Flanders and James R. Gillespie
Edition: 9th
Publisher: Cengage Learning
ISBN: 978-1-133-28350-8

Title: Lab Manual to Accompany Modern Livestock and Poultry Production
Author: Frank B. Flanders, James R. Gillespie, and Levi Cahan
Edition: 9th
Publisher: Cengage Learning
ISBN: 978-1-133-28354-6

You will also be reading and answering questions on selections from additional readings as assigned. They will be provided to you as PDFs through Brightspace.

MCC Bookstore Website: <http://www.mclennan.edu/bookstore/>

Methods of Teaching and Learning:

This section is in the traditional, face-to-face format. Learning will be achieved through lectures, lab exercises, and a research paper. Material is presented in classroom lectures, labs, and via Brightspace.

Course Objectives and/or Competencies:

Upon successful completion of this course, students will:

1. Apply scientific reasoning to investigate questions and utilize animal science tools to collect and analyze data and demonstrate methods.
2. Use critical thinking and scientific problem solving to make informed decisions.
3. Communicate effectively the results of scientific investigations.
4. Explain the role of animal agriculture in providing benefits for humankind.
5. Identify common livestock breeds and classes.
6. Define terminology specific to animal science disciplines.
7. Demonstrate understanding of fundamental animal science principles including selection, reproduction, nutrition, and health.
8. Apply animal science principles by solving common problems.
9. Identify animal issues of interest to society, and related responsibilities.

Course Outline or Schedule:

Week 1 (08/24/2022): Introduction to the Course.

Week 2 (08/31/2022): Career Opportunities in Animal Science.

Week 3 (09/07/2022): Safety in Livestock Production.

Week 4 (09/14/2022): Library Research Methods. Livestock and the Environment.

Week 5 (09/21/2022): Anatomy, Physiology, and Absorption of Nutrients.

Week 6 (09/28/2022): Feed Nutrients. Feed Additives and Growth Promotants.

Week 7 (10/05/2022): Balancing Rations.

Week 8 (10/12/2022): Genetics of Animal Breeding.

Week 9 (10/19/2022): Animal Reproduction.

10/24/2022 – Last day for student-initiated withdrawals with an automatic grade of ‘W.’

Week 10 (10/26/2022): Selection and Judging of Beef Cattle. Marketing Beef Cattle.

Week 11 (11/02/2022): Feeding and Management of the Cow-Calf Herd and Feeder Cattle.

Week 12 (11/09/2022): Selection and judging of swine. Marketing swine.

Week 13 (11/16/2022): Breeds and selection of sheep and goats.

Week 14 (11/23/2022): Thanksgiving Holiday. No lab this week.

Week 15 (11/30/2022): Breeds and selection of horses.

Week 16 (Week of 12/05/2022): No lab this week.

This schedule is very tentative and may be changed at the instructor’s discretion. Students will be informed of changes by e-mail and announcements in Brightspace.

Course Grading Information:

Research Paper

100 points

Introductory Animal Science Lab
AGRI 1119_75

Resume	50 points
Weekly Lab Assessments	225 points
Total	375 points

The points needed for each letter grade are as follows:

90% of 375 points =	337.50 to 375.00 points	=	A
80% of 375 points =	300.00 to 337.00 points	=	B
70% of 375 points =	262.50 to 299.00 points	=	C
60% of 375 points =	225.00 to 262.00 points	=	D
Fewer than 225 points		=	F

There will be lab assessments designed to help you start interacting with the course materials. These assessments will consist of a combination of multiple question types. You will have a printed copy of the lab assessment to use to get your answers, and you will then submit your answers using a quiz link in Brightspace.

There will be a research paper on the topic of zoonotic diseases. The paper will be worth 100 points. Additional information regarding this assignment will be provided later in the semester.

You will also be preparing a sample resume as part of the course requirements. This assignment will be worth 50 points. Additional information regarding this assignment will be provided later in the semester.

Late Work, Attendance, and Make Up Work Policies:

Regular class attendance is expected. Four (4) or more absences (25 percent of class meeting days) will be taken as evidence that a student does not intend to complete the course. In this case and in accordance with MCC's attendance policy, the student will be withdrawn from the course with a grade of W. The instructor may reinstate the student if satisfied that the student will resume regular attendance and will complete the course. If the student's 25 percent absences are reached after the official drop date, the instructor may assign a W, if the student is passing and requests to be withdrawn. However, if a student who is not passing reaches the 25 percent point after the official drop date, the student will receive an F. In extenuating circumstances, the instructor may assign a W to a student who is not passing.

Each absence will count toward attendance requirements in each course.

Late work is generally not accepted; however, it will sometimes be accepted in extenuating circumstances. If you are not going to be able to submit an assignment before the due date, please let me know as soon as possible. If an extension is granted, you will need to submit the late work within 24 hours of due date.

Student Behavioral Expectations or Conduct Policy:

Students are expected to maintain classroom decorum that includes respect for other students and the instructor, prompt and regular attendance, and an attitude that seeks to take full advantage of the education opportunity.

Professionalism. A casual and friendly atmosphere is encouraged. However, respect and civility towards the instructor and fellow classmates is required. This includes not talking while the instructor is talking. Talking while the instructor is talking is extremely discourteous and very distracting to the instructor and to other students who are trying to listen. **Students who repeatedly disrupt class may be asked to leave and not be permitted to return until after meeting with the Student Conduct Coordinator and the Science Division Chair regarding the disruptive behavior.** All written and verbal communications (whether between students or between student and instructor) need to be clean, free of profanity, polite, and civil.

Cell phones and other electronic devices. Cell phones and other disruptive devices (pagers, MP3 players, etc.) will be turned off and stored in your purse/backpack during class and lab. Cell phone access during class time/lab time is permitted in certain cases (work requirement, family illness, etc.). If there is some reason why you would need to have access to your phone during class and lab time, please let me know.

Safety. For reasons of safety, no food or drink is allowed inside the lab; this includes gum. In addition, the application of make-up or insertion/removal of contact lenses is not allowed in the lab. Running, shoving, or any type of horseplay is not allowed in the classroom/lab, again for reasons of safety. While we do not perform traditional lab experiments in this course, we are sharing a lab with other sections that might be using certain chemicals. If you have known allergies to chemicals that may be used in this lab, iodine and latex in particular, please let me know as soon as possible.

Academic Honesty:

Academic honesty is very important. You should always do your own work. The homework assignments and tests are opportunities to demonstrate how much you have learned. All the information you need for completing the course assessments can be found in the course materials (your textbook, course lecture documents, and assigned additional readings). Looking for

answers to specific questions on these assessments (particularly the exams) using a general web search or on sites such as Chegg, Google Homework, Quizlet, and other similar websites is considered cheating as you are not doing your own work. Looking for tutorials and additional information on challenging topics and concepts on YouTube and Khan Academy is acceptable as the answers to specific assessment questions are generally not found on those sites. Cheating is dishonest; it is also disrespectful. It is disrespectful of your classmates, your instructor, and most of importantly of all, yourself.

[Click Here for the MCC Attendance/Absences Policy](https://www.mclennan.edu/highlander-guide/policies.html)

(<https://www.mclennan.edu/highlander-guide/policies.html>)

Click on the link above for the college policies on attendance and absences. Your instructor may have additional guidelines specific to this course.



ACADEMIC RESOURCES/POLICIES

Accommodations/ADA Statement:

Any student who is a qualified individual with a disability may request reasonable accommodations to assist with providing equal access to educational opportunities. Students should contact the Accommodations Coordinator as soon as possible to provide documentation and make necessary arrangements. Once that process is completed, appropriate verification will be provided to the student and instructor. Please note that instructors are not required to provide classroom accommodations to students until appropriate verification has been provided by the Accommodations Coordinator. For additional information, please visit www.mclennan.edu/disability.

Students with questions or who require assistance with disabilities involving physical, classroom, or testing accommodations should contact:

disabilities@mclennan.edu

254-299-8122

Room 319, Student Services Center

Title IX:

We care about your safety, and value an environment where students and instructors can successfully teach and learn together. If you or someone you know experiences unwelcomed behavior, we are here to help. Individuals who would like to report an incident of sexual misconduct are encouraged to immediately contact the Title IX Coordinator at titleix@mclennan.edu or by calling Dr. Drew Canham (Chief of Staff for Diversity, Equity & Inclusion/Title IX) at (254) 299-8645. Individuals also may contact the MCC Police Department at 299-8911 or the MCC Student Counseling Center at MCC at (254) 299-8210. The MCC Student Counseling Center is a confidential resource for students. Any student or employee may report sexual harassment anonymously by visiting <http://www.lighthouse-services.com/mclennan/>.

Go to McLennan's Title IX webpage at www.mclennan.edu/titleix/. It contains more information about definitions, reporting, confidentiality, resources, and what to do if you or someone you know is a victim of sexual misconduct, gender-based violence or the crimes of rape, acquaintance rape, sexual assault, sexual harassment, stalking, dating violence, or domestic violence.

Student Support/Resources:

MCC provides a variety of services to support student success in the classroom and in your academic pursuits to include counseling, tutors, technology help desk, advising, financial aid, etc. A listing of these and the many other services available to our students is available at <http://www.mclennan.edu/campus-resource-guide/>

College personnel recognize that food, housing, and transportation are essential for student success. If you are having trouble securing these resources or want to explore strategies for balancing life and school, we encourage you to contact a Success Coach by calling (254) 299-8226 or emailing SuccessCoach@mclennan.edu. Students may visit the Completion Center Monday-Friday from 8 a.m.-5 p.m. to schedule a meeting with a Success Coach and receive additional resources and support to help reach academic and personal goals. Paulanne's Pantry (MCC's food pantry) provides free food by appointment to students, faculty and staff based on household size. Text (254) 870-7573 to schedule a pantry appointment. The Completion Center and pantry are located on the Second Floor of the Student Services Center (SSC).

MCC Foundation Emergency Grant Fund:

Unanticipated expenses, such as car repairs, medical bills, housing, or job loss can affect us all. Should an unexpected expense arise, the MCC Foundation has an emergency grant fund that may be able to assist you. Please go to <https://www.mclennan.edu/foundation/scholarships-and-resources/emergencygrant.html> to find out more about the emergency grant. The application can be found at https://www.mclennan.edu/foundation/docs/Emergency_Grant_Application.pdf.

MCC Academic Integrity Statement:

Go to www.mclennan.edu/academic-integrity for information about academic integrity, dishonesty, and cheating.

Minimum System Requirements to Utilize MCC's D2L|Brightspace:

Go to <https://www.mclennan.edu/center-for-teaching-and-learning/Faculty-and-Staff-Commons/requirements.html> for information on the minimum system requirements needed to reliably access your courses in MCC's D2L|Brightspace learning management system.

Minimum Technical Skills:

Students should have basic computer skills, knowledge of word processing software, and a basic understanding of how to use search engines and common web browsers.

Backup Plan for Technology:

In the event MCC's technology systems are down, you will be notified via your MCC student email address. Please note that all assignments and activities will be due on the date specified in the Instructor Plan, unless otherwise noted by the instructor.

Email Policy:

McLennan Community College would like to remind you of the policy (<http://www.mclennan.edu/employees/policy-manual/docs/E-XXXI-B.pdf>) regarding college email. All students, faculty, and staff are encouraged to use their McLennan email addresses when conducting college business.

A student's McLennan email address is the preferred email address that college employees should use for official college information or business. Students are expected to read and, if needed, respond in a timely manner to college emails. For more information about your student email account, go to www.mclennan.edu/student-email.

Instructional Uses of Email:

Faculty members can determine classroom use of email or electronic communications. Faculty should expect and encourage students to check the college email on a regular basis. Faculty should inform students in the course syllabus if another communication method is to be used and of any special or unusual expectations for electronic communications.

If a faculty member prefers not to communicate by email with their students, it should be reflected in the course syllabus and information should be provided for the preferred form of communication.

Email on Mobile Devices:

The College recommends that you set up your mobile device to receive McLennan emails. If you need assistance with set-up, you may email Helpdesk@mclennan.edu for help.

You can find help on the McLennan website about connecting your McLennan email account to your mobile device:

- [Email Setup for iPhones and iPads](https://support.microsoft.com/en-us/office/set-up-an-outlook-account-in-the-ios-mail-app-b2de2161-cc1d-49ef-9ef9-81acd1c8e234?ui=en-us&rs=en-us&ad=us) (<https://support.microsoft.com/en-us/office/set-up-an-outlook-account-in-the-ios-mail-app-b2de2161-cc1d-49ef-9ef9-81acd1c8e234?ui=en-us&rs=en-us&ad=us>)
- [Email Setup for Androids](https://support.microsoft.com/en-us/office/set-up-email-in-android-email-app-71147974-7aca-491b-978a-ab15e360434c?ui=en-us&rs=en-us&ad=us) (<https://support.microsoft.com/en-us/office/set-up-email-in-android-email-app-71147974-7aca-491b-978a-ab15e360434c?ui=en-us&rs=en-us&ad=us>)

Forwarding Emails:

You may forward emails that come to your McLennan address to alternate email addresses; however, the College will not be held responsible for emails forwarded to an alternate address that may be lost or placed in junk or spam filters.

For more helpful information about technology at MCC, go to [MCC's Tech Support Cheat Sheet](#) or email helpdesk@mclennan.edu.

Disclaimer:

The resources and policies listed above are merely for informational purposes and are subject to change without notice or obligation. The College reserves the right to change policies and other requirements in compliance with State and Federal laws. The provisions of this document do not constitute a contract.