

Course Title: Survey of the Animal Industry

Course Number: AGS 113

Instructor Information

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Course Information

Days & Time & Location Course Description & Credits	Lecture: Monday & Wednesday
	Lab: Friday
Prerequisites	http://www.dmacc.edu/courses/crsrod.asp --- An analysis of the livestock industry with emphasis on reproduction, inheritance, performance testing, selection and marketing.
Textbooks & Materials	Graduation requirement for AAS in Agribusiness
Required Materials	<u>Scientific Farm Animal Production, An Introduction to Animal Science</u> by Thomas G. Field – 10 th Edition
Optional or Recommended Books/ Materials	Clothing and footwear appropriate to work with farm animals outdoors, paper & writing utensils.
Course Policies	
****Attendance is required****	

Grading Criteria	93 – 100	A
	90 – 92	A-
	86 – 89	B+
	83 – 85	B
	80 – 82	B-
	76 – 79	C+
	73 – 75	C
	70 – 72	C-
	66 – 69	D+
	63 – 65	D
	60 – 62	D-
	59 and below	F
Classroom Conduct	<p>https://go.dmacc.edu/handbook The above link refers you to the DMACC Student Handbook. Additional expectations for your behavior in this course include: (1) arriving on time and prepared for class; being prepared for class includes supplying your own paper and writing utensil, (2) active participation including taking your turn and contributing to all group or individual class activities, (3) respect for yourself, your classmates, the English language, your instructor, other DMACC staff <u>and</u> the animals to be used in class, (4) attention to detail and instructions recognizing many lab activities allow only <u>one chance</u> to perform the task correctly, (5) do not create distractions or succumb to unwelcome disruptions, including cell phones and classroom inappropriate or irrelevant websites. *****The Woodward-Granger student handbook also applies*****</p>	
Missed Exams	Please contact me prior to the absence if possible and an opportunity will be arranged to make up the exam.	

Late Assignments	<p>5 point deduction for every day late.</p> <p>In advance of the inevitable...“Will you please reopen such and such quiz or assignment? I missed it because I thought it was due _____, or Blackboard was down 15 minutes before it was due, or my dog ate my computer, or somebody is sick or passed away (I truly am sorry in those instances), etc.”...</p> <p>Online assignments and assessments will be made available at 8:00 a.m. on Wednesdays and due 10 days later at 11:59 p.m. Fridays. You will be given a minimum of 10 days to complete all assignments (other than those designed to be completed in-class)...and should not expect extensions.</p>
Extra Credit	By assignment
Study Expectations	Class members are expected to (1) attend all class meetings, (2) complete assigned readings, discussion questions, exercises and writing assignments prior to each class meeting, (3) ask meaningful questions and make substantive comments, and (4) be responsible for information mentioned in class or reference materials.
Class Cancellation Procedure	Course schedule, schedule changes and policy announcements will be made in class, via DMACC e-mail
Academic Dishonesty/ Plagiarism	<p>Don't cheat. If you do cheat I reserve the right <u>not</u> to assign a grade for the dishonest work...ever. In this course cheating includes, but is not limited to: plagiarism, submitting another's work as your own and using disallowed materials on exams or quizzes.</p> <p>It is important for you to be familiar with and follow DMACC's Academic Misconduct policy. Students are encouraged to review DMACC's Academic Misconduct Policy on-line at https://go.dmacc.edu/handbook/polprocedures/pages/academicmisconduct.aspx or in the DMACC Student Handbook.</p>
Course Specific (lab) Safety Procedures	Be prepared to work outdoors and with live animals. Student and animal safety are the highest priorities. Instructions will be given at the onset of each activity...please listen, exercise patience and caution and be aware of your surroundings and what's going on around you in the moment.
Support Services	

Services for Students with Disabilities	https://go.dmacc.edu/student_services/disabilities Any student with a documented disability who requires reasonable accommodation should contact the Disability Services Coordinator at 515-964-6850V or hlcoon@dmacc.edu or the counseling & advising office on any campus to apply for services.
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Course Syllabus

DISCLAIMER: “This syllabus is representative of materials that will be covered in this class; it is not a contract between the student and the institution. It is subject to change without notice. Any potential exceptions to stated policies and requirements will be addressed on an individual basis, and only for reasons that meet specific requirements. If you have any problems related to this class, please feel free to discuss them with me.”

NONDISCRIMINATION POLICY: Des Moines Area Community College shall not engage in or allow discrimination covered by law. This includes harassment based on race, color, national origin, creed, religion, gender, sexual orientation, age, and disability. Veteran status in educational programs, activities, employment practices, or admission procedures is also included to the extent covered by law. Individuals who believe they have been discriminated against may file a complaint through the College Discrimination Complaint Procedures. Complaint forms may be obtained from the DMACC Web site, the Ombudsperson, Judicial Officer, Human Resources Department, the campus Provost's Offices, and Academic Deans' Offices.

Students who wish additional information or assistance may contact the **Executive Dean, Student Services, Laurie Wolf**, Bldg. 1 on the Ankeny Campus, 515-964-6437 or the **Judicial Officer, Debbie McKittrick**, Bldg. 1 on the Ankeny Campus, 515-964-6574 or they may refer to Student Services procedure ES 4645 located at https://go.dmacc.edu/student_services/int. Click Policies & Procedures.

Employees and applicants who wish additional information or assistance may contact the **EEO/AA Officer, Dr. Sandy Tryon**, Human Resources, Bldg. 1 on Ankeny Campus, 515-964-6301 or refer to HR Procedures 3000, 3005, 3010, 3015, and 3020 at <http://www.dmacc.edu/hr/hrpp.asp>

Program Development/Academic Support Services Director, Sharon Bittner, is the official Student Accommodation Office/Section 504/ADA Coordinator for DMACC. The ADA Coordinator's office is located in Bldg. 6-10e on the Ankeny Campus and may be contacted by voice (515-964-6857) or sgbittner@dmacc.edu. The ADA Coordinator is responsible for ensuring that the college complies with federal regulations that guarantee qualified students with disabilities equal access to all programs and services. Any student, faculty, or staff member may contact the ADA Coordinator's office for clarification of federal regulations, appeal of a grievance, or resolution of a disability-related problem.

Week or Date	Assignment/Topic
Week 1	Topics: Introduction to Animal Science; History and relevance of animal agriculture; Animal contributions to human needs; Issues confronting animal agriculture
Week 2	Topics: Global & domestic economic impact; Production systems Online Assessment – Assignment Textbook Quizzes – Ch. 1 & 2
Week 3	Labor Day – No class Topics: Production trends; Products and by-products Textbook Quizzes – Ch. 3, 4 & 5
Week 4	Topics: Products and by-products (continued) Textbook Quizzes – Ch. 6 & 7 General Animal Terms Quiz
Week 5	1st Exam – Ch. 1-7 Topics: Evaluating animal products; Carcass traits and measures; Optimum market condition
Week 6	Topics: Fundamentals of reproduction; Managing reproduction Textbook Quizzes – Ch. 8 & 9 Animal Products Term Quiz
Week 7	Topics: Traits of importance; Genetics and response to selection; Selection tools Textbook Quizzes – Ch. 10 & 11 Animal Reproduction Term Quiz
Week 8	Topics: Genetic & phenotypic criteria for replacement selection Textbook Quizzes – Ch. 12, 13 & 14
Week 9	2nd Exam – Ch. 8 - 14 Topics: Fundamentals of nutrition & digestion; Feedstuffs & alternative nutritional sources
Week 10	Topics: Fundamentals of growth & development; Lactation Textbook Quizzes – Ch. 15, 16 & 17
Week 11	Topics: Optimum animal environments; Animal health – disease prevention & treatment Textbook Quizzes – Ch. 18 & 19
Week 12	3rd Exam - Ch. 15 – 19 Topics: Animal behavior
Week 13	Topics: Managing life stages – the breeding herd & parturition Thanksgiving Holiday – no quizzes due

Week 14	Topics: Managing life stages – birth to weaning, weaning to market Textbook Quizzes – Ch. 20 – 23
Week 15	4th Exam – Ch. 20 - 23 Topics: Semester Review; Revisit Issues in Animal Agriculture
Week 16	Comprehensive Final – Date/time subject to change