



University of Manitoba
Faculty of Agricultural and Food Sciences
Department of Animal Science

TABLE OF CONTENTS

COURSE DETAILS.....	3
INSTRUCTOR CONTACT INFORMATION.....	3
COURSE GOALS	4
USING COPYRIGHTED MATERIAL	4
RECORDING CLASS LECTURES	4
TEXTBOOK, READINGS, MATERIALS	4
COURSE TECHNOLOGY.....	4
CLASS COMMUNICATION.....	4
STUDENTS ACCESSIBILITY SERVICES	5
EXPECTATIONS: YOU CAN EXPECT ME TO	5
CLASS SCHEDULE.....	5
LAB SCHEDULE	6
COURSE EVALUATION METHODS.....	6
EVALUATION PROCEDURE:	6
GRADING	7
TEST DESCRIPTIONS	7
ASSIGNMENT GRADING TIMES	7
LATE SUBMISSION/MISSED TEST POLICY	7
IMPORTANT DATES.....	7

COURSE DETAILS

Course Title & Number: Beef Production– ANSC 0670

Number of Credit Hours: 3

Class Times & Days of Week: 220 Animal Science
Monday, Wednesday, Friday
1:30 - 2:30 p.m.

Labs: Friday
2:30 - 3:45 p.m.

Location for classes/labs/tutorials: 220 Animal Science Building

Instructor Contact Information

Instructor(s) Name: Gwen Donohoe

Office Location: Room 151 Animal Science Building

Office Hours or Availability: 10:00 a.m. - 1:00 p.m. Monday, Wednesday, Friday
2:30 to 3:00 p.m. Monday and Wednesday

Office Phone No. 474-7909

Email: Gwendolyn.Donohoe@umanitoba.ca
All email communication must conform to the [Communicating with Students](#) university policy.

Contact: You are welcome to contact me in person, by phone or email during the time outlined above.

Course Description

To provide an appreciation of the industry in terms of size, complexity and relationship to the economy and give an understanding of the breeding, feeding, management and marketing strategies for modern beef production systems.

Course Goals

To gain an understanding of the scope of Manitoba's beef industry in relation to the Canadian and North American beef industries

To gain an understanding of the breeding, feeding, management and marketing strategies for modern beef production systems

To gain an understanding of the issues currently facing beef producers in Manitoba

Using Copyrighted Material

Please respect copyright. For more information, see the University's Copyright Office website at <http://umanitoba.ca/copyright/>.

Recording Class Lectures

Gwen Donohoe and the University of Manitoba hold copyright over the course materials, presentations and lectures which form part of this course. No audio or video recording of lectures or presentations is allowed in any format, openly or surreptitiously, in whole or in part without permission. Course materials (both paper and digital) are for the participant's private study and research.

Textbook, Readings, Materials

Required textbook – none required.

Course Technology

Student should not refrain from behaviour that is distracting to other students. Please avoid the use of cell phones and keep your lap top on the class lecture material rather than using it for other purposes.

Class Communication

The University requires all students to activate an official University email account. For full details of the Electronic Communication with Students please visit: http://umanitoba.ca/admin/governance/governing_documents/community/electronic_communication_with_students_policy.html

Expectations: I Expect of You

Be respectful to me and your fellow classmates

Academic Integrity:

Schedule "A" Policies and Resources

Students Accessibility Services

If you are a student with a disability, please contact SAS for academic accommodation supports and services such as note-taking, interpreting, assistive technology and exam accommodations. Students who have, or think they may have, a disability (e.g. mental illness, learning, medical, hearing, injury-related, visual) are invited to contact SAS to arrange a confidential consultation.

Student Accessibility Services <http://umanitoba.ca/student/accessibility/index.html>

520 University Centre

204 474 7423

Expectations: You Can Expect Me To

Be respectful of your questions and make every reasonable effort to answer them

Provide feedback on tests and assignments in a fair, equitable and prompt fashion.

Class Schedule

This schedule is subject to change at the discretion of the instructor and/or based on the learning needs of the students.

Ruminant meat industry (approximately 4 lectures)

- BSE and its impact on the beef industry
- industry profile

Cow-calf production systems (approximately 11 lectures)

- breeds
- selection and evaluation of cows and bulls
- breeding systems
- artificial insemination/embryo transfer
- biological phases of the cow
- winter feeding of the cow
- cow-calf health
- calf management

Backgrounding and stocker operations (approximately 4 lectures)

- nutrition
- forage preservation

- pasture management
- Finishing cattle (approximately 9 lectures)
- nutrition
 - feed additives
 - implant strategies
 - facilities and handling
 - carcass evaluation and grading
- Marketing options (approximately 2 lectures)
- Issues in today's beef industry (approximately 2 lectures)

Lab Schedule

Date	Activity
January 10	Feed stuff identification
January 17	Ration formulation – hand calculations
January 24	Cowbytes ration formulation software tutorial
January 31	Cowbytes ration formulation assignment
February 7	Verified Beef Production Program – Betty Green, Provincial Coordinator of VBP+ Program
February 14	No official lab in lieu of additional time on February 28/work on Cowbytes ration assignment
February 21	No lab – Reading week
February 28	Feedlot Tour (1:30 to 5:30)
March 6	Glenlea Research Station – demonstration of implanting, vaccination, dehorning, castration (2:30-5:30)
March 13	No official lab in lieu of additional time on March 6
March 20	Manitoba Agriculture – Virtual Processing Plant Tour
March 27	Hands-on beef grading lab

Course Evaluation Methods

A variety of evaluation methods will be used to give all types of learners an opportunity to excel. The purpose of all tests and assignment is to develop your critical thinking skills and prepare you for a career on- or off-farm.

Evaluation Procedure:

Midterm test I	-	20%	(January 31)
Midterm test II	-	20%	(March 6)
Weekly lab assignments	-	15%	
Ration assignment	-	10%	(February 26)
Final exam	-	35%	(To be scheduled by University)

Grading

Letter Grade	Percentage out of 100	Grade Point Range	Final Grade Point
A+	95-100	4.25-4.5	4.5
A	86-94	3.75-4.24	4.0
B+	80-85	3.25-3.74	3.5
B	72-79	2.75-3.24	3.0
C+	65-71	2.25-2.74	2.5
C	60-64	2.0-2.24	2.0
D	50-59	Less than 2.0	1.0
F	Less than 50		0

Test Descriptions

Tests will be a mix of short and long answer questions including both direct response, as well as scenario-based questions. All tests will be closed book with no other notes or materials to be used.

Assignment Grading Times

I will generally have your test marks back within one week of writing the test.

Late Submission/Missed Test Policy

Missing tests are only allowed for medical or emergency situations. Late assignments will be reduced in value by 10%/day.

Important Dates

January 17 – Last day to drop classes without penalty

February 17-21 – Mid Term Break

March 6 - Last date for Voluntary Withdrawal without academic penalty

March 27 - Last date of lecture