# TABLE OF CONTENTS

- COURSE DETAILS ........................................................................................................................................... 3
- INSTRUCTOR CONTACT INFORMATION ...................................................................................................... 3
- COURSE DESCRIPTION ................................................................................................................................. 4
- COURSE GOALS ............................................................................................................................................... 4
- USING COPYRIGHTED MATERIAL .............................................................................................................. 4
- RECORDING CLASS LECTURES .................................................................................................................... 4
- TEXTBOOK, READINGS, MATERIALS .......................................................................................................... 4
- COURSE TECHNOLOGY .................................................................................................................................. 4
- CLASS COMMUNICATION .............................................................................................................................. 4
- EXPECTATIONS: I EXPECT OF YOU ............................................................................................................. 5
- STUDENTS ACCESSIBILITY SERVICES (SAS) .............................................................................................. 5
- EXPECTATIONS: YOU CAN EXPECT ME TO ............................................................................................. 5
- CLASS SCHEDULE .......................................................................................................................................... 5
- LAB SCHEDULE ............................................................................................................................................... 6
- COURSE EVALUATION METHODS ............................................................................................................. 6
- GRADING ......................................................................................................................................................... 7
- TEST DESCRIPTIONS ...................................................................................................................................... 7
- ASSIGNMENT GRADING TIMES ................................................................................................................ 7
- LATE SUBMISSION/MISSED TEST POLICY ............................................................................................... 7
- IMPORTANT DATES FOR 2021 .................................................................................................................... 7
## COURSE DETAILS

<table>
<thead>
<tr>
<th><strong>Course Title &amp; Number:</strong></th>
<th>Beef Production– ANSC 0670</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Number of Credit Hours:</strong></td>
<td>3</td>
</tr>
</tbody>
</table>
| **Class Times & Days of Week:** | Monday, Wednesday, Friday 1:30 - 2:20 p.m.  
Friday 2:30 - 3:45 p.m. |
| **Labs:** |  |
| **Location for classes/labs/tutorials:** | Online – Virtual: Links for lectures and labs will be posted in UMLearn |

**Instructor Contact Information**

<table>
<thead>
<tr>
<th><strong>Instructor(s) Name:</strong></th>
<th>Gwen Donohoe</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Office Location:</strong></td>
<td>Room 151 Animal Science Building</td>
</tr>
</tbody>
</table>
| **Office Hours or Availability:** | 1:00 to 1:30 p.m. Monday, Wednesday, Friday  
2:30 to 3:00 p.m. Monday and Wednesday |
| **Cell Phone No.:** | 204-803-5940 |
| **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
All classes and labs will be held virtually. Students will be required to participate in lectures and labs using the requested technology including Zoom, Blue Jeans, or Webex virtual meeting software with cameras on when possible. Student should 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. Participate in lectures and labs with your camera on when possible. Ask questions when you are unsure.

Academic Integrity:
Schedule “A” Policies and Resources

Students Accessibility Services (SAS)
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 (subject to change based on presenters availabilities)**

<table>
<thead>
<tr>
<th>Date</th>
<th>Activity</th>
</tr>
</thead>
<tbody>
<tr>
<td>January 7</td>
<td>Feed stuff identification</td>
</tr>
<tr>
<td>January 14</td>
<td>Ration formulation – hand calculations</td>
</tr>
<tr>
<td>January 21</td>
<td>No lab – Dipomla experiential learning activities</td>
</tr>
<tr>
<td>January 28</td>
<td>Cowbytes ration formulation software tutorial and introduction to assignment</td>
</tr>
<tr>
<td>February 4</td>
<td>Cowbytes ration formulation – Q&amp;A and work assignment (no marks)</td>
</tr>
<tr>
<td>February 11</td>
<td>Verified Beef Production Program</td>
</tr>
<tr>
<td>February 18</td>
<td>Virtual Tour: Backgrounding Operation</td>
</tr>
<tr>
<td>March 4</td>
<td>Virtual Tour: Feedlot</td>
</tr>
<tr>
<td>March 11</td>
<td>Virtual Tour of Glenlea Research Station – demonstration of implanting, vaccination, dehorning, castration</td>
</tr>
<tr>
<td>March 18</td>
<td>Virtual Tour: Pure Bred Operation</td>
</tr>
<tr>
<td>March 25</td>
<td>Manitoba Agriculture – Virtual Processing Plant Tour</td>
</tr>
<tr>
<td>April 1</td>
<td>Virtual Tour: Small Commercial Operation</td>
</tr>
</tbody>
</table>

**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:**

- **Participation Marks** - 10% (10 pop quizzes throughout the term)
- **Midterm I** - 15% (February 9)
- **Ration assignment** - 15% (Due February 28)
- **Midterm II** - 15% (March)
- **Weekly lab assignments** - 10% (10 labs will have participation assignments)
- **Final exam** - 35% (Date to be scheduled by University)
Grading

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

Test Descriptions
Tests this term will be open book and will be primarily long answer, scenario-based questions.

Assignment Grading Times
I will generally have your test marks back within two weeks 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 for 2022
January 28 – Last day to drop classes without penalty
January 20 to 24 – no classes
January 31 – last day to register/registration changes
February 21 to 25 – Mid Term Break
March 17 - Last date for Voluntary Withdrawal without academic penalty
April 6 - Last day of classes
Exam Period – April 7 to 19