1 Course Details

1.1 Calendar Description

This course provides the basis for understanding the equine industry, both from a practical and a theoretical perspective. Students will participate in daily routine care and management procedures, and learn basic techniques such as horse handling, grooming, bandaging, blanketing, tack, tractor driving and fire safety. Horse-environment interactions will focus on equine behaviour. The relationship of horses with humans will be explored from ancient through to modern times, including breeding for specific equestrian sports, prominent horsemen/women, and the variety of career options. Current issues will be explored including economic status and hot topics in the industry. Students may expect early morning and some weekend assignments. Students must provide their own grooming kit.

Restrictions: ENVM*1090, EQN*1020, EQN*1030, EQN*1100 Registration in BBRM.EQM

1.2 Course Description

Remember that this course is a 1.00 credit - this means you can expect double the work of a regular 0.5 credit course. This also means that the grade you receive in this course counts double on your transcript.

1.3 Timetable

LECTURE: T,Th 12:30-1:20pm; ANNU102

LAB: Section 1: M,F 8:30-11:20am; ANNU110, Horse Barn 37 Wing C
Section 2: W,Th 8:30-11:20am; ANNU110, Horse Barn 37, WingC

Note the last hour of lab time is dedicated to practice and testing of practical skills

Timetable is subject to change. Please see WebAdvisor for the latest information.

1.4 Final Exam

Friday December 13, 2019, 7-9pm.

Location TBD

Exam time and location is subject to change. Please see WebAdvisor for the latest information.

2 Instructional Support

2.1 Instructional Support Team

Instructor: Katrina Merkies
Email: kmerkies@uoguelph.ca
Telephone: +1-519-824-4120 x54707
Office: ANNU 249
Office Hours: by appointment

2.2 Teaching Assistants

Teaching Assistant: Brigitte Lemay
Email: blemay@uoguelph.ca

Undergraduate Teaching Assistant: Jenna Wilcox
Email: jwilcox@uoguelph.ca

3 Learning Resources

3.1 Required Resources

The Equine Code of Practice (Textbook)
(2013) available online
Additional Costs (Other)

1. Steel-toed shoes are required for all labs/classes in the barn. Without appropriate footwear, students will be excused from class and the opportunity to make up missed marks will not be given for the missed class.
2. Students may wish to bring their own grooming kit but must be aware of biosecurity practices.

3.2 Recommended Resources

RECOMMENDED TEXTS (Textbook)

• Basic Horse Management and Handling, University of Guelph. (636.1 BAS 2009)


• The Horse, Evans (SF 285.H748)

• Equine Science, Parker (SF285.3 .P36)

• The Complete Horse Manual, Vogel (636.1 VOG 2003)

• The BHS Complete Manual of Stable Management (636.1 BHS 2008)
3.3 Additional Resources

other resources (Other)

All relevant course material is available on Courselink.

Information relevant to equine courses is available on the University of Guelph LibGuides http://guides.lib.uoguelph.ca/sb.php?subject_id=46243

Field Trips (Other)

There will be one field trip to the Donkey Sanctuary of Canada on October 24 (Lab Section 2) or 25 (Lab Section 1). Meet the bus inbetween the Animal Biosciences and Food Science buildings by 8:15am. Buses will return to campus by 11:20am. Ensure you are wearing appropriate footwear (steel-toed boots).

4 Learning Outcomes

By the end of this course, students should be able to:

4.1 Course Learning Outcomes

By the end of this course, you should be able to:

1. Understand the role of the horse in society
   a. Know the evolution of the horse and its place in the advancement of civilization
   b. Be aware of the variety of career options available with horses
   c. Be aware of the current issues facing the industry
   d. Be familiar with Equestrian Canada and the Ontario Equestrian Federation as regulatory bodies
   e. Refer to the Equine Code of Practice
   f. Understand the motivations of industry participants

2. Carry out daily routine horse handling skills
a. Clean and efficiently maintain a horse’s stall  
b. Learn time management skills  
c. Discuss basic stable management concepts  
d. Understand basic behaviour of horses and the biologic/evolutionary basis of equine responses to environmental change  
e. Know the basic terminology for identifying and describing a horse  
f. Perform appropriate grooming techniques  
g. Know how to clip and/or trim a horse for a variety of purposes  
h. Know basic herd health requirements  

3. Work with common tack and equipment  
   a. Care and correct use of standard barn/horse tack and equipment  
   b. Fit a blanket correctly to a horse  
   c. Apply a variety of bandages for specific purposes  

4. Assess the horse  
   a. Accurately measure a horse’s temperature, pulse and respiration  
   b. Be able to body condition score a horse  
   c. Be able to recognize a horse in health and illness  
   d. Know what to do in case of an emergency and how to handle a horse for a vet  
   e. Be able to estimate a horse’s age by looking at its teeth  
   f. Present a horse properly in hand  
   g. Know basic hoof care  
   h. Identify lameness  

5. Work safely in a stable environment  
   a. Recognize and practice safe horse handling techniques with confidence  
   b. Know rights and responsibilities for employees and employers  
   c. Know safe operating procedures for farm equipment  
   d. Adhere to safe farm practices according to the Occupational Health and Safety Act of Ontario  
   e. Know how to follow safety procedures in the event of a fire  

6. Develop computing and communication skills
a. Use computers in a wide range of applications (Microsoft Office, Internet, databases)
b. Improve written communication skills
c. Understand the importance of effective communication skills both written and oral
d. Establish a comfort level in oral communication.

5 Teaching and Learning Activities

5.1 Lecture
Thu, Sep 5, 12:30 PM

Topics: Course Introduction and barn tour. Incoming student survey

References: https://uoguelph.eu.qualtrics.com/jfe/form/SV_b8vIfejmRgWja5f

Be sure to wear your steel-toed boots!

Week 1

Topics: Lecture 1-1: Careers with horses

Lecture 1-2: The Canadian equine industry

Week 2

Topics: Lecture 2-1: Horse identification, colours, markings

Lecture 2-2: Trimming, clipping

Week 3

Topics: Lecture 3-1: Aging by dentition

Lecture 3-2: The business of horses
References:  
http://equineguelph.ca/pdf/infosheets/Cost_Horse_Ownership.pdf

Week 4

Topics: Lecture 4-1: **Term Test 1**

Lecture 4-2: Saddle fitting - Guest lecture by Jochen Schleese

Week 5

Topics: Lecture 5-1: Herd health

Lecture 5-2: Discussion topic

References:  
http://equineguelph.ca/Tools/equiplanner.php  
vaccination planner

Week 6

Topics: Lecture 6-2: Stall management systems. Nutrient management

References:  

Note no lecture on Tuesday October 15 due to Thanksgiving break

Week 7

Topics: Lecture 7-1: Biosecurity

Lecture 7-2: Trailer safety

References:  
http://equineguelph.ca/Tools/biosecurity.php
biosecurity calculator

http://equineguelph.ca/pdf/courses/trainer_kit/trailer_safety_infosheet.pdf

Week 8

Topics: Lecture 8-1: Routine leg and hoof care

Lecture 8-2: Discussion topic

References: http://www.equineguelph.ca/pdf/infosheets/No_Hoof_No_Horse.pdf

Week 9

Topics: Lecture 9-1: Term Test 2

Lecture 9-2: Equine behaviour and psychology

Week 10

Topics: Lecture 10-1: Toxicology, personal protective equipment

Lecture 10-2: Occupational health and safety act. Workplace hazards

Week 11

Topics: Lecture 11-1: Evolution of the horse from Hyracotherium to Equus

Lecture 11-2: The social impact of horses on human culture
References:  

Equine Industry Symposium Sunday November 17 - mandatory attendance

Week 12

Topics:  
Lecture 12-1: Senior horse management. Euthanasia

Lecture 12-2: Review class

References:  
http://equineguelph.ca/Tools/senior_horse.php


5.2 Lab

Week 1

Topics:  
Lab 1-1: Safety around horses, handling. Useful knots.

Lab 1-2: Grooming. Health Check, TPR, weight estimation

Week 2

Topics:  
Lab 2-1: Record keeping and data management systems

Lab 2-2: Breeds of the World - student presentations

Week 3

Topics:  
Lab 3-1: Finding and analyzing resources -- guest lecturer Chris Popovich, Learning & Curriculum Support Librarian
Lab 3-2: Fundamentals of nutrition

References: https://www.lib.uoquelp.ca/get-assistance/writing/specific-types-papers/writing-annotated-bibliography

Week 4

Topics: Lab 4-1: Tack

Lab 4-2: Saddle fitting demonstration - guest lecturer Jochen Schleese

References: https://saddlefit4life.com/

Week 5

Topics: Lab 5-1: Signs of a healthy horse. Body condition scoring

Lab 5-2: Boots/bandages (tail, polo, shipping, stable, first aid)/blankets

References: http://equineguelph.ca/pdf/facts/Health_Check.pdf

http://equineguelph.ca/Tools/thermoregulator.php blanketing tool

Week 6

Topics: Lab 6-1: No lab Monday or Tuesday - THANKSGIVING

Leb 6-2: Common diseases and health problems - student presentations

References: http://equineguelph.ca/Tools/colic.php colic risk rater

Week 7
Lab 7-1: Parasite management. Fecal flotations

Lab 7-2: Field trip - Donkey Sanctuary of Canada


Week 8

Topics: Lab 8-1: Jogging a horse in hand. Lameness recognition and treatment

Lab 8-2: Equine Code of Practice

References: http://equineguelph.ca/Tools/lameness_lab.php


Week 9

Topics: Lab 9-1: Equestrian sports and disciplines - student presentations

Lab 9-2: Conformation, unsoundnesses and blemishes

Week 10

Topics: Lab 10-1: Animal Care online module

Lab 10-2: Workplace inspection - student group project

References: http://www.equineguelph.ca/pdf/courses/trainer_kit/barn_safety_check.pdf
Week 11

Topics: Lab 11-1: Prominent horsemen/women - student presentations

Lab 11-2: Equine first aid. Fire safety demo

References: http://equineguelph.ca/Tools/fireprevention.php

Week 12

Topics: Lab 12-1: Practical skills testing

Lab 12-2: Practical skills testing

Remember Thursday Nov 28 is Tuesday schedule
Remember Friday Nov 29 is Monday schedule

6 Assessments

6.1 Marking Schemes & Distributions

<table>
<thead>
<tr>
<th>Name</th>
<th>Scheme A (%)</th>
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</thead>
<tbody>
<tr>
<td>Practical Skills</td>
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<td>Presentations</td>
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</tr>
<tr>
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</table>
6.2 Assessment Details

**Practical Skills (24%)**

**Due:** Throughout semester, Barn

**Learning Outcome:** 2, 3, 4

Throughout the semester students will be tested on various practical skills that would be required in most barn situations. Each practical skill will be presented in lab, and students will have time to practice each skill before testing. Students will sign up for a testing time, and come prepared with whatever equipment is necessary for the test. The skill tested must use the method demonstrated in lab. An understanding of the importance of each skill should be expressed by the student when questioned during the skill test. Each skill will have a time limit that it should be performed within. A passing grade for each test is 70% or higher. Students receiving less than 70% have one opportunity to retake the test but the highest possible mark for a re-test is 70%. Students failing to show up for testing at the predetermined time without a valid reason will earn a mark of 0 with no chance of a re-test or make up. Practical skills to be tested include:

1. quick release knot
2. haltering and leading
3. grooming
4. aging by dentition
5. tack fitting
6. body condition scoring
7. tail bandage
8. polo bandage
9. stable bandage
10. shipping bandage
11. blanket fitting
12. jogging in hand

Each practical skill is worth 2% of the final grade

**Presentations (12%)**

**Due:** various

**Learning Outcome:** 1, 4, 6

Students will each give four presentations throughout the semester. Students will sign up for a specific and unique topic for each presentation. The presentations are as follows:

1. Breeds of horses - select one breed and describe it to the class
2. Equine diseases - this will be a group exercise completed during lab time. A
specific equine disease will be assigned to each group, who must research it and present a brief synopsis to the class.

3. Equestrian disciplines - select one discipline and describe it to the class.

4. Prominent horse people - choose one equestrian person who has made a significant contribution to the industry and describe them to the class.

Specific details for each assignment will be available on CourseLink. Each presentation is worth 3% of the final grade.

Assignments (24%)

Due: throughout semester

Learning Outcome: 1, 2, 3, 4, 5, 6

There will be eight assignments due throughout the semester. Refer to CourseLink for the details and due dates on each assignment. Contribution to final grade is indicated in parentheses (%). Assignments are as follows:

1. Software assignment (2)
2. Library exercise (2)
3. Horse ID assignment (2)
4. Biosecurity assignment (3)
5. Conformation assessment (group assignment) (4)
6. Animal Care online module (4)
7. Equine Industry Symposium report (4)
8. Workplace inspection (group assignment) (3)

Term tests (20%)

Due: throughout semester

Learning Outcome: 1, 2, 3, 4, 5

There will be two term tests during class time on the following dates:

1. Sept 30
2. Nov 4

Each test will cover the material presented in the preceding classes. Each test is worth 10% of the final grade.

Final exam (20%)

Date: Fri, Dec 13, 7:00 PM - 9:00 PM, TBD

Learning Outcome: 1, 2, 3, 4, 5, 6

Final exam will be comprehensive of all material covered in lecture and labs.
7 Course Statements

7.1 Course Requirements

All students are required to attend the Equine Industry Symposium being held at the University of Guelph on Sunday November 17, 2019 from 9am-4pm.

Students may wish to provide their own grooming kit. However these items should remain in the barn and not be used on other horses.

All students must wear steel-toed boots for labs in the barn.

7.2 Grading Policies

The assignment of grades is based on the clearly defined standards published in the Undergraduate Calendar as follows:

- **80 - 100 (A) Excellent.** An outstanding performance in which the student demonstrates a superior grasp of the subject matter, and an ability to go beyond the given material in a critical and constructive manner. The student demonstrates a high degree of creative and/or logical thinking, a superior ability to organize, to analyze, and to integrate ideas, and a thorough familiarity with the appropriate literature and techniques.
- **70 - 79 (B) Good.** A more than adequate performance in which the student demonstrates a thorough grasp of the subject matter, and an ability to organize and examine the material in a critical and constructive manner. The student demonstrates a good understanding of the relevant issues and a familiarity with the appropriate literature and techniques.
- **60 - 69 (C) Acceptable.** An adequate performance in which the student demonstrates a generally adequate grasp of the subject matter and a moderate ability to examine the material in a critical and constructive manner. The student displays an adequate understanding of the relevant issues, and a general familiarity with the appropriate literature and techniques.
• **50 - 59 (D) Minimally Acceptable.** A barely adequate performance in which the student demonstrates a familiarity with the subject matter, but whose attempts to examine the material in a critical and constructive manner are only partially successful. The student displays some understanding of the relevant issues, and some familiarity with the appropriate literature and techniques.

• **0 - 49 (F) Fail.** An inadequate performance

Evaluation criteria used gives a measure quality of performance and not merely activity, including consideration of the student’s ability to use correctly and effectively the language appropriate to the assignment. Assignments must be submitted electronically via CourseLink unless otherwise noted. Due dates and times are explicitly stated in the assignment information.

In this course, your instructor will be using Turnitin, integrated with the CourseLink Dropbox tool, to detect possible plagiarism, unauthorized collaboration or copying as part of the ongoing efforts to maintain academic integrity at the University of Guelph. All submitted assignments will be included as source documents in the Turnitin.com reference database solely for the purpose of detecting plagiarism of such papers. Use of the Turnitin.com service is subject to the Usage Policy posted on the Turnitin.com site. A major benefit of using Turnitin is that students will be able to educate and empower themselves in preventing academic misconduct. In this course, you may screen your own assignments through Turnitin as many times as you wish before the due date. You will be able to see and print reports that show you exactly where you have properly and improperly referenced the outside sources and materials in your assignment.

All tests, assignments, reports, etc., will be returned to, or discussed with students, without undue delay and in any case before the last day of the examination period.

### 7.3 Missed assignments and classes

Alternate assessments will be offered only to students with documented medical, psychological, or compassionate reasons for missing a scheduled assessment [see Academic Consideration]. It is the student’s responsibility to obtain notes/learning materials from a missed class. Late assignments without the aforementioned documentation will be accepted with a **penalty of 20% per day, up to a maximum of three days late.** Assignments submitted later than three days will not be accepted and will result in a zero grade. Note that failing to show up for a scheduled practical skill test without any of the aforementioned documentation will result in a 0 for that skill test without the possibility of a make-up.
7.4 Group Work

Assignments are expected to be individual work unless otherwise noted, and are graded as such. There are some group assignments in this course. The groupwork is mandatory. It is expected that all students contribute an equal level of effort to the assignment. All group members will receive the same grade for group work assignments unless otherwise approved by the Instructor and other members of the group. Any problems associated with group work should be brought to the attention of the Instructor as soon as possible.

8 University Statements

8.1 Email Communication

As per university regulations, all students are required to check their e-mail account regularly: e-mail is the official route of communication between the University and its students.

8.2 When You Cannot Meet a Course Requirement

When you find yourself unable to meet an in-course requirement because of illness or compassionate reasons please advise the course instructor (or designated person, such as a teaching assistant) in writing, with your name, id#, and e-mail contact. The grounds for Academic Consideration are detailed in the Undergraduate and Graduate Calendars.

Undergraduate Calendar - Academic Consideration and Appeals
https://www.uoguelph.ca/registrar/calendars/undergraduate/current/c08/c08-ac.shtml

Graduate Calendar - Grounds for Academic Consideration
https://www.uoguelph.ca/registrar/calendars/graduate/current/genreg/index.shtml

Associate Diploma Calendar - Academic Consideration, Appeals and Petitions
https://www.uoguelph.ca/registrar/calendars/diploma/current/index.shtml

8.3 Drop Date

Students will have until the last day of classes to drop courses without academic penalty. The deadline to drop two-semester courses will be the last day of classes in the second semester. This applies to all students (undergraduate, graduate and diploma) except for Doctor of Veterinary Medicine and Associate Diploma in Veterinary Technology (conventional and alternative delivery) students. The regulations and procedures for course registration are available in their respective Academic Calendars.

Undergraduate Calendar - Dropping Courses
https://www.uoguelph.ca/registrar/calendars/undergraduate/current/c08/c08-drop.shtml

Graduate Calendar - Registration Changes
https://www.uoguelph.ca/registrar/calendars/graduate/current/genreg/genreg-regregchg.shtml
8.4 Copies of Out-of-class Assignments

Keep paper and/or other reliable back-up copies of all out-of-class assignments: you may be asked to resubmit work at any time.

8.5 Accessibility

The University promotes the full participation of students who experience disabilities in their academic programs. To that end, the provision of academic accommodation is a shared responsibility between the University and the student.

When accommodations are needed, the student is required to first register with Student Accessibility Services (SAS). Documentation to substantiate the existence of a disability is required; however, interim accommodations may be possible while that process is underway.

Accommodations are available for both permanent and temporary disabilities. It should be noted that common illnesses such as a cold or the flu do not constitute a disability.

Use of the SAS Exam Centre requires students to book their exams at least 7 days in advance and not later than the 40th Class Day.

For Guelph students, information can be found on the SAS website
https://www.uoguelph.ca/sas

For Ridgetown students, information can be found on the Ridgetown SAS website
https://www.ridgetownc.com/services/accessibilityservices.cfm

8.6 Academic Integrity

The University of Guelph is committed to upholding the highest standards of academic integrity, and it is the responsibility of all members of the University community-faculty, staff, and students-to be aware of what constitutes academic misconduct and to do as much as possible to prevent academic offences from occurring. University of Guelph students have the responsibility of abiding by the University's policy on academic misconduct regardless of their location of study; faculty, staff, and students have the responsibility of supporting an environment that encourages academic integrity. Students need to remain aware that instructors have access to and the right to use electronic and other means of detection.

Please note: Whether or not a student intended to commit academic misconduct is not relevant for a finding of guilt. Hurried or careless submission of assignments does not excuse students from responsibility for verifying the academic integrity of their work before submitting it. Students who are in any doubt as to whether an action on their part could be construed as an academic offence should consult with a faculty member or faculty advisor.

Undergraduate Calendar - Academic Misconduct
https://www.uoguelph.ca/registrar/calendars/undergraduate/current/c08/c08-
8.7 Recording of Materials

Presentations that are made in relation to course work - including lectures - cannot be recorded or copied without the permission of the presenter, whether the instructor, a student, or guest lecturer. Material recorded with permission is restricted to use for that course unless further permission is granted.

8.8 Resources

The Academic Calendars are the source of information about the University of Guelph’s procedures, policies, and regulations that apply to undergraduate, graduate, and diploma programs.

Academic Calendars
https://www.uoguelph.ca/academics/calendars