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.

Restriction(s): 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

LECTURES: W,F 4:30-5:20pm; ANNU204

LABS: Section 1 M,W 8:30-11:20am; ANNU110 or Dairy Barn Wing C

Section 2 T,Th 8:30-11:20am; ANNU110 or Dairy Barn Wing C

Note the last hour of each lab 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

Wednesday December 5, 2018, 7-9pm.
2 Instructional Support

2.1 Instructor(s)

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

2.2 Teaching Assistant(s)

Teaching Assistant: Lindsey Kitchenham
Email: lkitchen@uoguelph.ca

3 Learning Resources

3.1 Required Resource(s)

The Equine Code of Practice (Textbook)

website resources (Website)

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 must provide their own grooming kit consisting of at minimum a curry comb, dandy brush, body brush, hoof pick and mane/tail comb.

3.2 Recommended Resource(s)

RECOMMENDED TEXTS (Textbook)

- Basic Horse Management and Handling, University of Guelph. (636.1 BAS 2009)
- Stable Management in Canada (2009) available to purchase from https://equestrian-
• 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)

• The Handbook of Livestock Management, RA Battaglia (SF65.2 .B38 2007)

3.3 Additional Resource(s)

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 18 (Section B) or 19 (Section A). 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

Fri, Sep 7, 4:30 PM

Topic(s): Course Introduction and barn tour. Incoming student survey

Reference(s): https://uoguelph.eu.qualtrics.com/jfe/form/SV_b8yfjejmRgWja5f

Be sure to wear your steel-toed boots!

Week 1

Topic(s): Lecture 1-1: Evolution of the horse from *Hyracotherium* to *Equus*

Lecture 1-2: The social impact of horses on human culture

Reference(s): http://news.ku.edu/2018/02/16/surprising-new-study-redraws-family-tree-domesticated-and-wild-horses

Week 2

Topic(s): Lecture 2-1: The Canadian equine industry - guest lecturer Dr Kendra Coulter

Lecture 2-2: Practical skills practice and testing

Week 3

Topic(s): Lecture 3-1: **Term Test 1**

Lecture 3-2: Practical skills practice and testing

Week 4

Topic(s): Lecture 4-1: Stall management systems

Lecture 4-2: The business of horses

Reference(s): http://equineguelph.ca/pdf/infosheets/Cost_Horse_Ownership.pdf

Week 5

Topic(s): Lecture 5-1: Equine behaviour and psychology

Lecture 5-2: Equine Code of Practice

**Week 6**

**Topic(s):**
- Lecture 6-1: Fundamentals of nutrition
- Lecture 6-2: Herd health

- vaccination planner

**Week 7**

**Topic(s):**
- Lecture 7-1: Manure management
- Lecture 7-2: **Term test 2**


Note Equine Industry Symposium being held on October 27 - all students expected to attend

**Week 8**

**Topic(s):**
- Lecture 8-1: Routine leg and hoof care
- Lecture 8-2: Euthanasia


**Week 9**

**Topic(s):**
- Lecture 9-1: Saddle fitting - Guest lecture by Jochen Schleese
- Lecture 9-2: Biosecurity

- biosecurity calculator

**Week 10**
Lecture 10-1: Personal protective equipment

Lecture 10-2: Practical skills and testing

Week 11

Topic(s): Lecture 11-1: Trailer safety

Lecture 11-2: Careers with horses

Reference(s): http://equineguelph.ca/pdf/courses/trainer_kit/trailer_safety_infosheet.pdf

Week 12

Topic(s): Lecture 12-1: Review class

Note no Friday lecture this week as Friday Nov 30 is a Monday schedule

5.2 Lab

Week 1

Topic(s): Lab 1-1: Safety around horses, handling. Horse log book Quick release knot.

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

Week 2

Topic(s): Lab 2-1: Equestrian sports and disciplines - student presentations

Lab 2-2: Aging by dentition. The Canadian equine industry

Week 3

Topic(s): Lab 3-1: Finding and analyzing resources -- guest lecturer Chris Popovich, Learning & Curriculum Support Librarian

Lab 3-2: Horse identification, colours, markings

Reference(s): https://www.lib.uoguelph.ca/get-assistance/writing/specific-types-papers/writing-annotated-bibliography

Week 4
Lab 4-1: Record keeping and data management systems

Lab 4-2: Breeds of the world - student presentations

Week 5

Topic(s):
Lab 5-1: No lab Monday or Tuesday - THANKSGIVING

Lab 5-2: Conformation

Week 6

Topic(s):
Lab 6-1: Boots/bandages (tail, polo, shipping, stable, first aid)/blankets

Lab 6-2: Field trip to the Donkey Sanctuary of Canada

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

Week 7

Topic(s):
Lab 7-1: Signs of a healthy horse. Body condition scoring

Lab 7-2: Parasite management. Fecal flotations


Week 8

Topic(s):
Lab 8-1: Jogging a horse in hand. Lameness recognition and treatment

Lab 8-2: Common diseases and health problems - student presentations

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

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

Week 9

Topic(s):
Lab 9-1: Tack
Lab 9-2: Saddle fitting demonstration - guest lecturer Jochen Schleese

Week 10

**Topic(s):** Lab 10-1: Occupational Health and Safety Act. Farm safety, toxicology

Lab 10-2: Equine First Aid. Fire safety demo


Week 11

**Topic(s):** Lab 11-1: Prominent horsemen/women - student presentations

Lab 11-2: Workplace inspection - student group project

Week 12

**Topic(s):** Lab 12-1: Practical skills testing

Lab 12-2: Practical skills testing

*Remember Thursday Nov 29 is Tuesday schedule*

*Remember Friday Nov 30 is Monday schedule*

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### 6 Assessments

#### 6.1 Marking Schemes & Distributions

<table>
<thead>
<tr>
<th>Name</th>
<th>Scheme A (%)</th>
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<tbody>
<tr>
<td>Practical Skills</td>
<td>24</td>
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<td>Presentations</td>
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<td>Assignments</td>
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<td>20</td>
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<tr>
<td>Final exam</td>
<td>22</td>
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6.2 Assessment Details

**Practical Skills (24%)**

**Due:** Throughout semester, Barn

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. aging by dentition
4. tail bandage
5. polo bandage
6. stable bandage
7. shipping bandage
8. blanket fitting
9. body condition scoring
10. tack fitting
11. grooming
12. jogging in hand

Each practical skill is worth 2% of the final grade

**Presentations (12%)**

**Due:** various

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. Equestrian disciplines - select one discipline and describe it to the class
2. Breeds of horses - select one breed and describe it to the class
3. 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
4. Prominent horse people - choose one equestrian person who has made a significant contribution to the industry

Specific details for each assignment will be available on Courselink. Each presentation is worth 3% of the final grade.
Assignments (22%)

Due: throughout semester
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. Library exercise (2)
2. Software assignment (2)
3. Horse ID assignment (2)
4. Conformation assessment (group assignment) (4)
5. Biosecurity assignment (2)
6. Equine Industry Symposium report (3)
7. Workplace inspection (group assignment) (3)
8. Horse log book (pair assignment) (4)

Term tests (20%)

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

1. Sept 26
2. Oct 24

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

Final exam (20%)

Date: Wed, Dec 5, 7:00 PM - , 9:00 PM, TBD
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 October 27, 2018 from 9am-4pm.

All students should provide their own grooming kit consisting of at minimum a curry comb, dandy brush, hoof pick and mane comb.

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 regulations and procedures for [Academic Consideration](#) are detailed in the Undergraduate Calendar.

#### 8.3 Drop Date

Courses that are one semester long must be dropped by the end of the fortieth class day; two-semester courses must be dropped by the last day of the add period in the second semester. The regulations and procedures for [Dropping Courses](#) are available in the Undergraduate Calendar.

#### 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.

More information: www.uoguelph.ca/sas

8.6 Academic Misconduct

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 discourages misconduct. 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.

The Academic Misconduct Policy is detailed in the Undergraduate Calendar.

8.7 Recording of Materials

Presentations which are made in relation to course work—including lectures—cannot be recorded or copied without the permission of the presenter, whether the instructor, a classmate 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 which apply to undergraduate, graduate and diploma programs.