1 Course Details

1.1 Calendar Description
This course asks the equine student to apply principles of management to knowledge of the equine industry, equine facility design, biological systems and equine anatomy and physiology. The role of management in the optimization of the health of the horse is critical to success in the industry. Fundamental principles of horse health will be introduced including important indicators of individual and herd health, record keeping and the role of management in disease causation. Application of current, scientifically based management principles and techniques will ask the student to develop both proactive and reactive decision making skills in the context of equine health management.

Pre-Requisites: EQN*2040
Restrictions: Registration in BBRM.EQM

1.2 Course Description
This course asks the equine student to apply principles of management to knowledge of the equine industry, equine facility design, biological systems and equine anatomy and physiology. The role of management in the optimization of the health of the horse is critical to success in the industry. Fundamental principles of horse health will be introduced including important indicators of individual and herd health, record keeping and the role of management in disease causation. Application of current, scientifically based management principles and techniques will ask the student to develop both proactive and reactive decision-making skills in the context of equine health management.

1.3 Timetable
Timetable is subject to change. Please see WebAdvisor for the latest information.
Lectures: Mon, Wed, Fri 8:30-9:30 am, virtual - through Teams

Lab: Monday 11:30 am - 3 pm, virtual - Zoom may be used for labs as indicated in Courselink announcements

1.4 Final Exam

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

Final Exam Saturday April 24, 11:30 am - 2pm. Location: Exam will be online using Respondus Lockdown Browser.

2 Instructional Support

2.1 Instructional Support Team

Instructor: Nicola Cribb
Email: ncribb@uoguelph.ca

2.2 Teaching Assistants

Teaching Assistant: Melissa McGilloway
Email: mmcgillo@uoguelph.ca

2.3 Communicating with Your Instructor

During the course, your instructor will interact with you on various course matters on the course website using the following ways of communication:

- **Announcements**: The instructor will use Announcements on the Course Home page to provide you with course reminders and updates. Please check this section frequently for course updates from your instructor.
- **Ask Your Instructor Discussion**: Use this discussion forum to ask questions of your instructor about content or course-related issues with which you are unfamiliar. If you encounter difficulties, the instructor is here to help you. Please post general course-related questions to the discussion forum so that all students have an opportunity to review the response. To access this discussion forum, select Discussions from the Tools dropdown menu.
- **Email**: If you have a conflict that prevents you from completing course
requirements, or have a question concerning a personal matter, you can send your instructor a private message by email. The instructor will attempt to respond to your email within 24 hours.

- **Video Call:** If you have a complex question you would like to discuss with your instructor, you may book a video meeting on Teams (or alternate platform being used by your instructor). Video meetings depend on the availability and are booked on a first come first served basis.

### 2.4 Netiquette Expectations

**Online Behaviour**

Inappropriate online behaviour will not be tolerated. Examples of inappropriate online behaviour include:

- Posting inflammatory messages about your instructor or fellow students

- Using obscene or offensive language online

- Copying or presenting someone else's work as your own

- Adapting information from the Internet without using proper citations or references

- Buying or selling term papers or assignments

- Posting or selling course materials to course notes websites

- Having someone else complete your quiz or completing a quiz for/with another student

- Stating false claims about lost quiz answers or other assignment submissions
· Threatening or harassing a student or instructor online

· Discriminating against fellow students, instructors and/or TAs

· Using the course website to promote profit-driven products or services

· Attempting to compromise the security or functionality of the learning management system

· Sharing your user name and password

· Recording lectures without the permission of the instructor

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3 Learning Resources

3.1 Required Resources

Anatomy of the Horse (Textbook)
Aaron Horowitz and Rolf Berg - Budras, Sack, Rock. 6th edition

Infectious Diseases of the Horse: Diagnosis, pathology, management, and public health (Textbook)
Kolk, Kroeze. 1st edition

3.2 Additional Resources

Equine Infectious Diseases (Textbook)
Sellon. Long 2nd

3.3 Course Technology and Technical Support

CourseLink
This course is being offered using CourseLink (powered by D2L's Brightspace), the University of Guelph's online learning management system (LMS). By using this service, you agree to comply with the University of Guelph's Access and Privacy Guidelines. Please visit the D2L website to review the Brightspace privacy statement and Brightspace Learning Environment web accessibility standards.


Technical Support

If you need any assistance with the software tools or the CourseLink website, contact CourseLink Support.

Email: courselink@uoguelph.ca

Tel: 519-824-4120 ext. 56939 Toll-Free (CAN/USA): 1-866-275-1478

Support Hours (Eastern Time):

Monday thru Friday: 8:30 am–8:30 pm

Saturday: 10:00 am–4:00 pm

Sunday: 12:00 pm–6:00 pm
**Teams (via Office 365)**

Office 365 Teams is a collaboration service that provides shared conversation spaces to help teams coordinate and communicate information. This course will use Teams for one on one meetings with your Instructor. It is recommended that you use the desktop version of Teams. As a student you are responsible for learning how to use Teams and it's features.

For Teams Support visit the CCS website for more information.

https://www.uoguelph.ca/ccs/services/office365/teams

**Zoom**

This course will use Zoom for lectures. Check your system requirements to ensure you will be able to participate.

https://opened.uoguelph.ca/student-resources/system-and-software-requirements

**3.3 Library Access**

As a student, you have access to the University of Guelph’s library collection, including both physical and electronic materials. For information on checking out or couriering physical
library items, accessing electronic journals and returning items to the library, visit the library’s website.

If you are studying off campus and would like to access the library’s electronic resources, use the Off Campus Login and login using your Single Sign On credentials or using your last name and library barcode.

https://www.lib.uoguelph.ca/

https://www.lib.uoguelph.ca/campus-login

3.3 Ares

For this course, you will be required to access course reserve materials through the University of Guelph McLaughlin Library. To access these items, select Ares on the navbar in CourseLink. Note that you will need your Central Login ID and password in order to access items on reserve.

For further instructions on accessing reserve resources, visit How to Get Course Reserve Materials.

If at any point during the course you have difficulty accessing reserve materials, please contact the e-Learning Operations and Reserve Services staff at:

Tel: 519-824-4120 ext. 53621
Email: libres2@uoguelph.ca

https://www.lib.uoguelph.ca/find/course-reserves-ares/how-get-course-reserve-material

3.3 Technical Skills
As part of your learning experience, you are expected to use a variety of technologies for assignments, lectures, teamwork, and meetings. In order to be successful in this course you will need to have the following technical skills:

- Manage files and folders on your computer (e.g., save, name, copy, backup, rename, delete, and check properties);
- Install software, security, and virus protection;
- Use office applications (e.g., Word, PowerPoint, Excel, or similar) to create documents;
- Be comfortable uploading and downloading saved files;
- Communicate using email (e.g., create, receive, reply, print, send, download, and open attachments);
- Navigate the CourseLink learning environment and use the essential tools, such as Dropbox, Quizzes, Discussions, and Grades (the instructions for this are given in your course);
- Access, navigate, and search the Internet using a web browser (e.g., Firefox, Internet Explorer); and
- Perform online research using various search engines (e.g., Google) and library databases.

4 Learning Outcomes

4.1 Course Learning Outcomes

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

1. Identify best management practices that support equine health and prevent disease.
2. Appreciate the importance of keeping records.
3. Understand the role of the veterinarian in equine health and disease.
4. Recognize environmental risk factors for disease.
5. Understand and be able to implement a complete and effective herd health program.
6. Be able to recognize symptoms of common equine disease states and understand appropriate management responses.

7. Understand how to perform a first aid assessment and follow an emergency action plan.

8. Plan for emergency situations and unusual health circumstances.

9. Appreciate the importance of periodic review and assessment of equine health performance targets.

5 Teaching and Learning Activities

There will be, in general, 2 formal lectures given per week. During the third lecture period, students will meet and work in small groups of students (quad groups). Students will be expected to meet virtually during the designated lecture period time. Groups will also set up a fictional barn, creating a Facebook group with the TA and instructor as members. The third lecture period is to be used to work on the following weekly assignments:

- An assignment (See Assignments below) will be given to the student groups, asking the groups to complete a fact sheet, SOP etc., researching material in the course. Students will be graded on assignments based on science based responses, design, and language used. Assignments will be due the following Friday, one assignment submitted per group, but students can work ahead and submit in advance if desired. Late assignments will not be accepted and will be given a 0 grade. Assignments should be submitted via course link.

- Alternately, student quad groups may also be asked to respond to a scenario at their fictional barn (See 'Responses' below). Responses to scenarios will be graded based on speed of response, professionalism, accuracy of information. Responses will remain open for 48 hours and may involve multiple interactions with the instructor/TA in the barn Facebook private group.

- Format references for assignments and responses using the style of the Equine
5.1 Lecture

**Week 1**

*Topics:* Intro
Lecture 1: Introduction to course

Lecture 2: Introduction to health management

**Week 2**

*Topics:* Health Management
Lecture 1: Health management and record keeping.
Lecture 2: Individual horse health care.

**Week 3**

*Topics:* Individual Health
Lecture 1: Acute injuries and wound care
Lecture 2: Lameness and foot care 1.

**Week 4**

*Topics:* Individual Health
Lecture 1: Lameness and foot care 2.
Lecture 2: Equine alimentary system: anatomy and function.

**Week 5**

*Topics:* Alimentary Health
Lecture 1: Equine alimentary system: nutrition
Lecture 2: Equine alimentary system: dental care

Week 6
Topics: Winter break - no classes

Week 7
Topics: Mid-term examination and 'response 1'
Lecture 1: Mid-term exam
Lecture 2: 'Response 1'

Week 8
Topics: Perinatal care and medications
Lecture 1: Perinatal mare and foal care
Lecture 2: Equine medications

Week 9
Topics: Parasites and vector control
Lecture 1: Vector control on farm and the role in disease transmission
Lecture 2: Equine parasite programs and review of equine parasites

Week 10
Topics: Vaccinations and infectious disease
Lecture 1: Clinical signs and symptoms of infectious disease
Lecture 2: Vaccinations and screening protocols

Week 11
Topics: Pasture and housing
Lecture 1: Pasture management
Lecture 2: Housing and equine biosecurity

Week 12

Topics: Housing
Lecture 1: Housing and emergency action plans
Lecture 2: ‘Response 2’

Week 13

Topics: Behaviour

References:
Lecture 1: no class
Lecture 2: Behaviour

Week 14

Topics: Differing Roles

References:
Lecture 1: Alternative therapies in the equine sector, acupuncture etc
Lecture 2: Bringing it all together: understanding your role: what is vet med and what is not vet med

5.2 Lab

Week 2

Topics: Herd Health records scenario based training

Virtual small group and large group discussion
Week 3

Topics: Individual Health Assessment

Virtual training of assessing vital signs etc

Week 4

Topics: Lameness lab

Basic recognition of signs of lameness using videos of lame horses

Week 5

Topics: Anatomy lab

Virtual recognition of anatomical features

Week 6

Topics: Winter Break

Week 7

Topics: Wounds

Assessment and discussion of wound types using pictures

Week 8

Topics: Virtual tour of OVC

Discussion of building layout with respect to procedural tasks, and animal behaviour

Week 9

Topics: Virtual Tour of Animal Health Laboratory

Week 10

Topics: Virtual Tour of OVC isolation facility

Interactive

Week 11

Topics: Virtual toxic weeds lab

Week 12
6 Assessments

6.1 Marking Schemes & Distributions

<table>
<thead>
<tr>
<th>Name</th>
<th>Scheme A (%)</th>
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<tbody>
<tr>
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<td>Response 2</td>
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<td>Final Exam</td>
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</table>

6.2 Assessment Details

Assignment 1 (5%)
Date: Fri, Jan 22, 8:30 AM - Fri, Jan 29, 8:30 AM
Group-based fictional barn

Assignment 2 (5%)
Date: Fri, Jan 29 - Fri, Feb 5, 8:30 AM
Importance of keeping records: Barn Intake Package
Assignment 3 (5%)
  Date: Fri, Feb 5, 8:30 AM - Fri, Feb 12, 8:30 AM
  Anatomy and palpation check list

Assignment 4 (5%)
  Date: Fri, Feb 12 - Fri, Feb 19, 8:30 AM
  Record keeping: SOP recognise lameness

Assignment 5 (5%)
  Date: Fri, Mar 5, 8:30 AM - Fri, Mar 12, 8:30 AM
  Record keeping and individual health: SOP turn in and turn out

Assignment 6 (5%)
  Date: Fri, Mar 12, 8:30 AM - Fri, Mar 19, 8:30 AM
  Plan for control of vectors

Assignment 7 (5%)
  Date: Fri, Mar 19, 8:30 AM - Fri, Mar 26, 8:30 AM
  Understand infectious disease and be able to implement a biosecurity response plan

Assignment 8 (5%)
  Date: Fri, Mar 26, 8:30 AM - Fri, Apr 2, 8:30 AM
  Understand and be able to implement a biosecurity response plan

Assignment 9 (5%)
  Date: Mon, Apr 5, 8:30 AM - Mon, Apr 12, 8:30 AM
  Complete herd health program

Response 1 (5%)
  Date: Wed, Feb 24 - Fri, Feb 26, 8:30 AM
  Identify best management practices that support equine health and prevent disease.

Response 2 (5%)
  Date: Wed, Mar 31, 8:30 AM - Fri, Apr 2, 8:30 AM
  Identify best management practices that support equine health and prevent disease.

Mid-Term Exam (15%)
  Date: Mon, Feb 22
  Mid-Term Exam will be online using the Respondus Lockdown Browser.

Final Exam (30%)
  Date: Sat, Apr 24, 11:30 AM - 2:00 PM
  Exam will be online using Respondus Lockdown Browser.

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

7 Course Statements
7.1 Grading Policy

Assignments are to be submitted on time, and will be electronic. Submissions should be made
to the course instructor via email. In the case of "barn events" assignments, the instructor will grade the responses based on discussions on Facebook within the quad group. Late submissions for assignments will not be accepted and will receive a "0" grade.

7.2 Groupwork Policy

For group assignments, one assignment will be submitted per group. Students are expected to
contribute equally on group assignments. The same grade will be given to each group member
for the assignments.
For responses via Facebook, students will be graded individually, but will be expected to add to
the discussion meaningfully (i.e., not repeating a similar response as another student in their small group). It is recommended that groups plan out their responses together, allowing all members equal opportunity to respond, presenting a clear science based discussion for or against the situation presented.

7.3 Dropbox Submissions

Assignments should be submitted electronically via the online Dropbox tool. When submitting your assignments using the Dropbox tool, do not leave the page until your assignment has successfully uploaded. To verify that your submission was complete, you can view the submission history immediately after the upload to see which files uploaded successfully. The system will also email you a receipt. Save this email receipt as proof of submission.

Be sure to keep a back-up copy of all of your assignments in the event that they are lost in transition. In order to avoid any last-minute computer problems, your instructor strongly recommend you save your assignments to a cloud-based file storage (e.g., OneDrive), or send to your email account, so that should something happen to your computer, the assignment could still be submitted on time or re-submitted.

It is your responsibility to submit your assignments on time as specified on the Schedule. Be sure to check the technical requirements and make sure you have the proper computer, that you have a supported browser, and that you have reliable Internet access. Remember that technical difficulty is not an excuse not to turn in your assignment on time. Don’t wait until the last minute as you may get behind in your work.
If, for some reason, you have a technical difficulty when submitting your assignment electronically, please contact your instructor or CourseLink Support.

http://spaces.uoguelph.ca/ed/contact-us/

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

8.9 Disclaimer

Please note that the ongoing COVID-19 pandemic may necessitate a revision of the format of course offerings and academic schedules. Any such changes will be announced via CourseLink and/or class email. All University-wide decisions will be posted on the COVID-19 website (https://news.uoguelph.ca/2019-novel-coronavirus-information/) and circulated by email.

8.10 Illness

The University will not normally require verification of illness (doctor’s notes) for fall 2020 or winter 2021 semester courses. However, requests for Academic Consideration may still require medical documentation as appropriate.