1 Course Details

1.1 Calendar Description

The course will contribute to students' achievement of selected DVM 2000 elements of competency in the context of the horse. The primary emphasis is directed towards developing the skills, knowledge and attitudes that will permit the entry-level veterinarian to develop strategies to deal with common and uncommon diagnoses.

Pre-Requisite(s): All Phase 2 courses.
Co-Requisite(s): All Phase 3 courses.

1.2 Course Description

The principles of medical and surgical treatment are emphasized.

Teaching Strategies:

The course will be in lecture format. The subject matter will be presented primarily on an organ system basis. In addition to the factual information provided in the lectures and posted on-line notes, students will be directed to the relevant literature. Some of the lecture time will be used on occasion for interactive reviews of specific topics to promote a better understanding of the subject matter. Specific case studies will be used to clarify and reinforce the subject matter. During this course, students will be notified of cases in the VTH that are particularly pertinent to the course.

Course Topics:

The following body systems will be covered: Musculoskeletal, Respiratory, Ophthalmologic, Cardiovascular, Renal, Neural, Gastrointestinal, Urogenital and Integumentary. In addition, specific topics relating to neonatal disorders will be discussed.

1.3 Timetable

Timetable is subject to change. Please see WebAdvisor for the latest information. Information is also on “Portal” (https://encampus.uoguelph.ca/Portal/)

1.4 Final Exam
Exam time and location is subject to change. Please see WebAdvisor for the latest information. Information is also on "Portal" (https://encampus.uoguelph.ca/Portal/)

2 Instructional Support

Administrative Information

For questions regarding academic consideration, continuation of study, academic misconduct, safety, confidentiality, and experiential learning involving use of animals, please refer to the Phase information on the OVC website.

2.1 Instructor(s)

Luis Arroyo Castro Dr.
Email: larroyo@uoguelph.ca
Telephone: +1-519-824-4120 x54258
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Office: OVCP 2161

Donald Trout Dr.
Email: dtrout@uoguelph.ca
Telephone: +1-519-824-4120 x54002
Office: OVCS 2521

2.2 Instructional Support Team

Course Co-ordinator: Judith Koenig Dr.
3 Learning Resources

3.1 Recommended Resource(s)

https://www.elsevier.ca/ca/product.jsp?isbn=9780323484206


Current Therapy in Equine Medicine, Robinson and Sprayberry, 7th Edition. 2015 (Textbook)
https://elsevier.ca/product.jsp?isbn=9781455745555

https://elsevier.ca/product.jsp?isbn=9780323088398
(Edition 6 available late 2018 early 2019)

Veterinary Medicine, Constable et al , 11th edition 2016 (Dec) Elsevier/ Saunders AWB. (Textbook)
http://store.elsevier.com/product.jsp?locale=en_EU&isbn=9780702027772

New edition coming in 2018/2019

Diagnosis and Management of Lameness in the horse. Ross and Dyson eds. 2nd ed. Elsevier 2011. (Textbook)
https://www.elsevier.ca/product.jsp?isbn=9781416060697

3.2 Additional Resource(s)

Veterinary Clinics, North America, Equine Practice. (Textbook)
http://www.elsevier.com/wps/find/journaldescription.cws_home/623253/description#description

https://www.elsevier.ca/ca/product.jsp?isbn=9780323583336


Joint Disease in the Horse, Eds. McIlwraith and Trotter, Saunders, 1996. (Textbook)
http://search.barnesandnoble.com/Joint-Disease-in-the-Horse/Gayle-W-Trotter-DVM-MS/e/9780721651354

Diagnostic and surgical arthroscopy in the horse. 3rd Ed. 2006 McIlwraith, Wright, Boening,
4 Learning Outcomes

The in-depth study of the common diseases and health problems of the horse requires integration by students of information gleaned in previous discipline courses with information provided in this course.

In this course the usual historical and clinical signs observed in the common disease of the horse will be described and used to establish a problem list, which includes the pertinent differential diagnoses. The rationale for the selection of specific diagnostic tests, including response to therapy, and the implications of medical/surgical treatment versus non-treatment relative to the prognosis of return to normal health and function will be emphasized, based on the current understanding of the pathophysiology involved.

4.1 Course Learning Outcomes

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

1. The relative importance of pertinent management, clinical history and manifested clinical signs in the generation of an appropriate problem list or diagnosis.
2. The selection of suitable laboratory and other diagnostic procedures necessary to establish and refine an appropriate problem list and/or confirm a diagnosis.
3. The selection and monitoring of appropriate therapies.
4. The importance of a prognosis in terms of conveying to the owner the significance, value and implications of any diagnostic therapeutic procedure undertaken relative to the long term health, well-being and if applicable, athletic performance of the animal.
5. The importance of client education.

5 Teaching and Learning Activities

5.1 Lecture

<table>
<thead>
<tr>
<th>Topic(s):</th>
<th>Lecture 1: GIT: Esophageal disorders</th>
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</thead>
<tbody>
<tr>
<td>Instructor:</td>
<td>Dr Koenig</td>
</tr>
</tbody>
</table>

| Topic(s): | Lecture 2: GIT: Colic |
Instructor: Dr Koenig

**Topic(s):** Lecture 3: GIT: Colic

Instructor: Dr Koenig

**Topic(s):** Lecture 4: GIT: Colic

Instructor: Dr Koenig

**Topic(s):** Lecture 5: GIT: Colic

Instructor: Dr Staempfli

**Topic(s):** Lecture 6: GIT: Acute enterocolitis & endotoxemia

Instructor: Dr Staempfli

**Topic(s):** Lecture 7: GIT: Acute enterocolitis & endotoxemia

Instructor: Dr Staempfli

**Topic(s):** Lecture 8: GIT: Chronic diarrhea, Malabsorption

Instructor: Dr Staempfli

**Topic(s):** Lecture 9: Hepatic disease

Instructor: Dr Arroyo

**Topic(s):** Lecture 10: Foal disease

Instructor: Dr Arroyo

**Topic(s):** Lecture 11: Foal disease

Instructor: Dr Arroyo

**Topic(s):** Lecture 12: Foal disease

Instructor: Dr Staempfli

**Topic(s):** Lecture 13: Dermatology

Instructor: Dr Staempfli

**Topic(s):** Lecture 14: Dermatology

Instructor: Dr Kenney

**Topic(s):** Lecture 15: Cardiovascular disease

Instructor: Dr Kenney

**Topic(s):** Lecture 16: Cardiovascular disease

Instructor: Dr Staempfli

**Topic(s):** Midterm 1

Instructor: Drs Koenig/Staempfli

**Topic(s):** Lecture 17: Respiratory disease

Instructor: Dr Staempfli

**Topic(s):** Lecture 18: Respiratory disease

Instructor: Dr Staempfli

**Topic(s):** Lecture 19: Respiratory disease

Instructor: Dr Staempfli

**Topic(s):** Lecture 20: Respiratory disease

Instructor: Dr Staempfli

**Topic(s):** Lecture 21: Respiratory disease
Lecture 22: Respiratory disease
Instructor: Dr Staempfli

Lecture 23: Respiratory disease
Instructor: Dr Staempfli

Lecture 24: Upper respiratory tract & mouth
Instructor: Dr Trout

Lecture 25: Upper respiratory tract & mouth
Instructor: Dr Trout

Lecture 26: Upper respiratory tract & mouth
Instructor: Dr Trout

Lecture 27: Upper respiratory tract & mouth
Instructor: Dr Trout

Lecture 28: M/S: Lameness-1
Instructor: Dr Koenig

Lecture 29: M/S: Lameness-2
Instructor: Dr Koenig

Lecture 30: M/S: Lameness-3
Instructor: Dr Koenig

Lecture 31: M/S: Lameness-4
Instructor: Dr Koenig

Lecture 32: M/S: Lameness-5
Instructor: Dr Koenig

Lecture 33: M/S: Lameness-6
Instructor: Dr Koenig

Midterm 2
Instructors: Drs Koenig/Staempfli

Lecture 34: M/S: Conditions of the foot
Instructor: Dr Koenig

Lecture 35: M/S: Conditions of the foot
Instructor: Dr Koenig

Lecture 36: M/S: Conditions of the foot
Instructor: Dr Koenig

Lecture 37: M/S: Conditions of the foot
Instructor: Dr Koenig

Lecture 38: M/S: Exertional myopathy
Instructor: Dr Arroyo

Lecture 39: Neurology
Instructor: Dr Kenney

Lecture 40: Neurology
Instructor: Dr Kenney

Lecture 41: Neurology
Instructor: Dr Kenney
6 Assessments

A. Term Tests (Formative Evaluation) (40% of final grade)
   a. Midterm 1
   b. Midterm 2

B. Final Exam (Summative Evaluation) (60% of final grade)

The format of the examinations for the course will be at the discretion of the course coordinator and individual lecturers (mostly multiple choice but short answer questions are also possible). Passing grade for the course is 50%. Following the mid-term examination, and once the grades are posted, there will be a three-week period in which the examination can be reviewed. There will not be an opportunity to review the examination outside of this period. To arrange a time to review the examination, please contact the Administrative Assistant to the Faculty and Chair in the Department of Clinical Studies, Linda Wing (lwing@uoguelph.ca).

See the Phase 3 Schedule for actual times and dates and location of lectures and exams.

6.1 Assessment Details

Midterm 1 (20%)
   lectures 1 – 16, 2 questions/lecture multiple choice (MC)

Midterm 2 (20%)
   lectures 17 – 33, 2 questions/lecture (MC)
7 University Statements

7.1 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.

7.2 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.

7.3 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.

7.4 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.

7.5 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

7.6 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.

7.7 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.

7.8 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.