

CLIN*6950 Special Topics Graduate Course: Veterinary Electrodiagnostics

Course Coordinators

	Dr. Fiona James	Dr. Luis Gaitero
Office:	Clinical Studies Rm 2156	Clinical Studies Rm 2101
Phone:	x54080	x54021
Email:	jamesf@uoguelph.ca	lgaitero@uoguelph.ca

Course Objectives

- A) To review the techniques and protocols of electrodiagnostic testing in veterinary neurology.
- B) To review the physiology and anatomy principles upon which electrodiagnostic tests are based.
- C) To integrate the knowledge base learned in (A) and (B) and interpret the outcomes of veterinary clinical electrodiagnostic tests.

All classes are given by a faculty member and class participants will take turns presenting information related to the topic during the class each week (assigned at the start of the course), drawing on the recommended reference texts and the current literature.

Reference Texts

Cuddon, P	Electrodiagnostics in Veterinary Neurology
Kimura, J	Electrodiagnosis in Diseases of Nerve and Muscle, 4 th ed

Outline

All classes run from 08:00 to 10:00, except where specified.

	Date	Topic	Moderator
1	Oct 6	Electromyography (EMG)	Martens/Gaitero
2	Oct 20	Motor Nerve Conduction Velocity	Hazenfratz/Gaitero
3	Nov 3	Sensory Nerve Conduction Velocity	Marchal/Gaitero
4	Nov 17	Repetitive Nerve Stimulation & Single Fibre EMG	Parmentier/Gaitero
5	Dec 8	F-wave, H reflex & Cord Dorsum Potentials	Martens/James
6	Dec 22	Spinal Somatosensory Evoked Potentials	Hazenfratz/James
7	Jan 5	Cortical Somatosensory Evoked Potentials	Marchal/James

8	Jan 19	Facial & Trigeminal Nerve Reflexes	Parmentier/Gaitero
9	Feb 2	Brainstem Auditory Evoked Responses	Marchal/James
10	Feb 16	Electroencephalography (EEG): normal	McCarthy/James
11	Mar 9	Electroencephalography (EEG): abnormal	Parmentier/James
12	Mar 23	VEP & ERG	Pinard
13	Apr 6	Case review session I	James/Gaitero
14	Apr 20	EXAM	

Expectations

All class participants are:

1. Expected to attend the sessions and participate in discussions.
2. Encouraged to review the recommended readings prior to attending the session.
3. Required to present a topic at least once for which they will be assessed a grade based on content, organization, and presentation skills. If more than one session is presented, all will be graded and the higher grade of the presentations assigned.
4. Encouraged to select additional readings from the current literature to use in their presentations.
5. Required to provide a copy of their presentation materials to other class participants.
6. Required to submit 3 multiple choice questions per presentation to be considered for the final examination.

Grade

Examinations officially scheduled for April 7 through April 21 (except April 18-19)

Presentations: 50%

Final Examination: 50%

E-mail Communication

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

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 in writing, with your name, id#,

and e-mail contact. See the graduate calendar for information on regulations and procedures for Academic Consideration:

<https://www.uoguelph.ca/registrar/calendars/graduate/2017-2018/genreg/index.shtml>

Drop Date

Two-semester courses must be dropped by the last day of the add period in the second semester. Refer to the Graduate Calendar for the schedule of dates:

<https://www.uoguelph.ca/registrar/calendars/graduate/2017-2018/sched/index.shtml>

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. The Academic Misconduct Policy is detailed in the Graduate Calendar:

https://www.uoguelph.ca/registrar/calendars/graduate/2017-2018/genreg/sec_d0e2700.shtml

Recording of Materials

Presentations which are made in relation to course work—including lectures—cannot be recorded in any electronic media without the permission of the presenter, whether the instructor, a classmate or guest lecturer.