

NRO C34: Invertebrate Neurobiology

Spring 2002

Instructor: Prof. A. Mason**Email: use WebCT****Office: S566****Office hours: Mondays: 10:00am – noon****Lectures: Tuesday 15:00-17:00****No textbook is required**

Course Policies:**Evaluation**

Weekly Reading	5%	
Midterm Test	35%	
Final Exam	60%	(covers entire course)

The midterm and final exam will include material from the readings as well as material covered in lecture. The midterm and final exam will include multiple-choice questions (which will be computer-graded), matching questions, short answer and/or essay questions. Marks are not deducted for incorrect responses on multiple choice. Bring your University student identification card and an HB pencil to all tests.

Test Policies: Students who miss the midterm for a medical reason may take a make-up exam provided they present a medical certificate within 2 days of the test, which confirms their inability to attend. The certificate must show that a physician was consulted at the time of the illness. Medical certificates will be verified. Students who miss the final exam must petition the Faculty of Arts and Science.

Study tools:

Lectures: All lecture slides are available on the course homepage as html and powerpoint or pdf files (i.e., you can view them with any web browser). It is your responsibility to ensure you have notes for any missed lectures.

Schedule/Readings:

Date	Lecture	Topic (some of these may change)	Required Reading**
Jan 8	1.	Introduction: Neuroethology	None
Jan 15	2.	Model Systems: <i>Aplysia</i>	See course webpage
Jan 22	3.	Hearing 1: phonotaxis	-
Jan 29	4.	Hearing 2: predator avoidance	-
Feb 5	5.	Hearing 3: selective attention	-
Feb. 6	Midterm Test: S309, 5-7pm		
Feb 12	6.	Vision 1: pattern learning	-
Feb 18-22	Reading week		
Feb 26	7.	Vision 2: motion detection	-
March 5	8.	Vision 3: higher-level processing	-
Mar 12	9.	Olfaction 5: Olfaction	-
Mar 19	10.	Pattern Generation 1: locust flight	-
Mar 26	11.	Patter Generation 2: STG	-
April 2	12.	Something else (maybe more hearing)	-
April 8-12	*****STUDY BREAK*****		
Exam Period	*****FINAL EXAM*****		

Readings are linked to the webpage as pdf files and may also be available on reserve in the library. This schedule is posted on the course homepage, available through your WebCT account. Check this link periodically as topics for the latter half of the course may be modified (Dr. Mason will announce any changes in lecture).