

**ANIMAL SCIENCE 221**  
**INTRODUCTORY ANIMAL GENETICS**

Spring, 2008

- Lecture: 9:05 AM Tuesday and Thursday  
146 Morrison Hall
- Laboratory: 2:00 – 4:25 PM Tuesday, Wednesday, Thursday, or Friday  
**ALL LAB SECTIONS WILL BE HELD IN 163 MORRISON EXCEPT FOR TUESDAY LAB, WHICH WILL BE HELD IN 334 MORRISON.**
- Instructor: Dr. John Pollak  
B47 Morrison Hall  
255-2846  
EJP6@cornell.edu
- Admin Asst: Susan Herbert  
B47 Morrison Hall  
255-4416  
[SHH4@cornell.edu](mailto:SHH4@cornell.edu)
- Web site: <http://www.ansci.cornell.edu/courses/as221/>  
User name: as221web  
Password: gene99
- Help sessions: The TAs for each lab will make arrangements for additional time for help sessions as needed.

Starting February 5, two TAs will be available in the Animal Breeding Conference Room accessible through B33 Morrison Hall Tuesday through Friday from 1 to 2 PM to answer any questions on lecture material, labs (past and future), etc.

If you have questions or concerns that do not involve the course subject matter, please see Susan Herbert, B47 Morrison Hall, 255-4416, [SHH4@cornell.edu](mailto:SHH4@cornell.edu).

**PLEASE SEE REVERSE SIDE**

Lab exercises: Lab assignments will be handed out in lecture (usually the week before they are due). You may complete the assignment prior to your lab or during lab; however, they must be handed in before the end of your lab session unless other arrangements have been made with your TAs.

If you are unable to attend your assigned lab section, you may attend any other section that week. You must, however, inform your TAs that you are doing so in advance and inform the TAs of the lab you sit in on which lab you usually attend so that your assignment is returned to your own TAs.

Exams: There will be three exams—two prelims and a final. The material covered in the exam will be detailed prior to each exam. You are allowed to bring a crib sheet with you to exams—8 ½ x 11 inches max. both sides; write whatever you want on it.

First exam: February 26  
Second exam: April 1  
Final: To be announced

Grading: The final grade will be composed of the following items, weighted as shown:

1 <sup>st</sup> Prelim	30%
2 <sup>nd</sup> Prelim	30%
Final exam	30%
Lab exercises	10%

Additional readings:

Falconer, D. S. Introduction to Quantitative Genetics.

Call number: QH 431 F18

Hutt, F. B. Animal Genetics.

Call number: QH 431 H971

Peters, James. Classic Papers in Genetics.

Call number: QH 431 P48

Srb, A. M., Owen, R D., and Edgar, R. S. General Genetics.

Call number: QH 431 S76

Lasley, John. Genetics of Livestock Improvement. 3<sup>rd</sup> Edition.

Call Number: SF 105 L34

Lush, Jay. Animal Breeding Plans. 3<sup>rd</sup> Edition.

Call number: SF 105 L96

Pirchner, Franz. Population Genetics in Animal Breeding.

Call number: SF 105 P66A

Crow, James. Genetics Notes. 7<sup>th</sup> Edition.