Course topic. This course is designed to familiarize you with basic principles of genetics, emphasizing human genetics, genetically caused diseases, and the relevance of genetics research and technology to society.

Course Packets. You can purchase all the lecture slide handouts for the course, bound into one notebook, from the UO Bookstore. This is probably the most efficient and effective way to take the course. I recommend coming to lecture with the printed copies of my lecture slides, as you can take notes on them as I go over the slides in class, without having to try and write down everything on the slide.

Course Web Site. Course materials (syllabus, course description, lecture slides, problem sets and keys, exam keys, and grades) are available online: http://biology.uoregon.edu/classes/bi122w10/. This NOT a BlackBoard website, but a simpler web site run by the Biology Department. There also will be a BlackBoard Web site for this course where you will need to register your iClicker for Clicker questions during lectures.

Grades. Your grade in this course will be calculated as follows:

- Clicker questions: 5%
- Problem Sets: 20%
- Two Midterm Exams: 25% each
- Final Exam: 25%

Clicker question points will be proportional to how many questions you answer (regardless of whether your answer is correct or wrong). You'll need to register your clicker at the course Blackboard web site. There will be no make-up exams, without making arrangements in advance. For exams and for the course total, I grade on a curve: the mean score will be near the low B/high C boundary, and usually about 15% of the class receives an A.

Checking your grades. To check your grades, you go to the course web site home page and click on “check grades.” To log on, type “bi122” in the top box, and “student” in the lower box. You then enter a 3 digit personal code that you can get from your Teaching Assistant, either in your discussion section or by email. Please notify your teaching assistant if we make mistakes entering your scores for problem sets and exams.

Biology Microcomputing Center. You also can take advantage of the Biology Microcomputing Center for this course, located in 33 Klamath (ground floor of Klamath Hall). They will help you print out (for free) the lecture slides, although you should NOT do this at the last minute before lecture. They need some advance notice: you might need to wait a while to get them, or come back and pick them up later. You can print out one, two, three, four, or more slides/page, depending on how large you want the images to be (ask the staff.
how). The staff also can help you access your grades, as long as you know your 3 digit personal code, and answer other questions about the course web site.

**My office hours.** If you have questions about the course material, you can stop by my office (375E Streisinger) and visit me during my office hour (Tuesdays 11:00 a.m. - Noon). You also are welcome to ask questions by email, both to the TAs, or to me at bowerman@uoregon.edu. You also are welcome to talk with me before or after class. The TAs and I typically answer a lot of questions by email, and it is an efficient way for you to get some extra help.

**Teaching assistants:** The TAs will be introduced in the first lecture, and you’ll meet them at your first discussion section. They will have their office hours in the Gazebo on the third floor of the Streisinger Building (which connects Klamath/Willamette Halls to Huestis Hall (you can enter through Huestis). The Gazebo is a glass-enclosed room with an outdoor balcony, and a small round indoor table that works well for office hours. Email addresses to be announced.

**Required reading and lecture materials.** “Human Genetics” by Ricki Lewis (9th Edition) is the textbook. Chapters of required reading are listed on the syllabus. Copies of the textbook are available for 2-hour or overnight reservations in the Science Library.

**Discussion sections and problem sets.** There will be SIX problem sets that you will be required to turn in at the Discussion sections; the TAs will then go over the answers to each problem in the Discussion sections. As long as you turn in your problem set answers at the beginning of your discussion section (or earlier), attendance is optional. You can receive full credit for a problem set only if you turn it in at the beginning of the discussion section. If you return it at the end of the discussion, you can still receive up to one half of the full credit. Problem sets, and the keys, will be posted on the course website.

**Mid-term Exam and the Final Exam.** The exams will consist entirely of multiple choice questions (with Scanatron grading). **Exams will be closed-book and closed-notes EXCEPT you can bring in one 8.5 x 11 page with notes on the front and back.** The Final Exam will be cumulative and cover the entire course. Exam questions will be based entirely on lecture topics. Information from the required reading that is not covered in my lectures will not be used for exam questions. An exam key from a previous year of this course will be posted on the course web site to help you prepare for the exams.

**FINAL EXAM SPECIAL ANNOUNCEMENT:** the Final Exam will be on the LAST DAY of classes (end of Week 10), in class, from 4:00 to 5:20 p.m. (instead of during finals week). If you have multiple exams or papers due on the last day of class, email me and we can arrange for you to take the exam during finals week (preferably early in the week and coordinated with other students).