

BIOL 2030 Principles of Genetics

Instructor: Dr. Kent Golic, 402 LS, 1-8726, golic@biology.utah.edu. When using e-mail, please use your University of Utah e-mail account. Messages from hotmail, gmail, etc. usually end up in my spam folder. I do not have scheduled office hours, but I am happy to meet with students individually. You may contact me to set up an appointment. It is also usually possible to talk to me by dropping by my office or my lab (410 LS and 450 LS). However, Tues. and Thurs. before lectures are usually bad times.

Lecture: Tues. and Thurs., 2:00-3:20, ASB 220

Daily handouts, including assigned problems, will be available on the class website:

<http://courses.biology.utah.edu/golic/2030/>

These will typically be available before each lecture.

Discussion Sections:

Discussion sections will be staffed starting on Thursday, Aug. 27. TA staffing schedules and contact information will be distributed on Thursday, Aug. 27.

You may attend any or all of the Discussion Sections. These are conducted by the TAs, with discussion instigated by questions from students. TAs will answer questions concerning concepts from the lectures and the text, they will aid the students in solving the assigned problems and will help students prepare for exams. It is strongly recommended that you attempt to solve the problems before going to Discussions. You will not learn to think like a geneticist simply by hearing the answers. *It is imperative that you learn to solve the problems on your own!*

You may contact the TAs to arrange reasonable additional meetings outside the scheduled Discussion Sections.

Text:

Genetics: from Genes to Genomes, 3rd Edition, Hartwell et al., ISBN 978-0-07-284846-5

At least two copies of the text will be placed on reserve at the library. If you have the answer key, keep in mind that there are occasional errors in their solutions.

There will be extensive problem set assignments from the book. Occasionally, supplemental problem sets will be handed out. The emphasis in this class is on the application of knowledge to solving problems — not rote memorization. Working all the problems is the key to success. Give each problem a serious effort before checking the answer.

Administrative Assistant:

Laurie Bagley, LS205B. If you miss a handout or a returned exam Laurie will have them.

Exams and Grading:

There will be four in-class exams during the semester and a final exam. Calculators will not be needed, or allowed. No other electronic devices, such as ipods or cell phones may be used during the exams. No books or notes may be used during the exams. You must show your work and/or explain your reasoning to receive full credit for the correct answers.

If you miss an exam for any reason, that exam score will be dropped. **No make-up exams will be given.** The Final Exam is scheduled for Thursday, Dec. 17th from 1:00 to 3:00 in ASB 220. **Plan to be there - no makeup Final exams will be given.**

Each of the in-class mid-term exams will be worth 100 points. Your lowest mid-term exam score will be dropped when computing your final grade. The final exam will be worth 150 points.

Many of the exam questions will be taken from the assigned problems. The numbers may be changed so that answers cannot merely be memorized, but otherwise these problems will be very

similar or identical to your assigned problems. There will also be problems that do not come directly from your book. These are designed to test your overall comprehension and ability to integrate concepts.

The minimum total score to achieve a particular grade is shown below:

A: 405 points
A-: 387
B+: 369
B: 351
B-: 324
C+: 306
C: 288
C-: 270
D: 225
E: ≤ 224

Absences:

Attendance at all lectures is strongly recommended. Concepts that are not covered in the book may be presented in the lectures.

If you miss an exam, that exam will be scored as 0 points, but because an exam is dropped without penalty, you do not need to justify your absence. Make-up exams will not be given.

Important Dates:

Last day to drop classes: Sept. 2
Last day to add classes: Sept. 8
Last day to elect CR/NC or audit: Sept. 8
Last day to withdraw: Oct. 23
Classes end: Dec. 11

Equal Access Provisions:

The University of Utah seeks to provide equal access to its programs, services and activities for people with disabilities. If you will need accommodations in the class, reasonable prior notice needs to be given to the Center for Disability Services, 162 Olpin Union Building, 581-5020 (V/TDD). CDS will work with you and the instructor to make arrangements for accommodations. All written information in this course can be made available in alternative format with prior notification to the Center for Disability Services.

Accommodations Policy:

The instructor does not grant content accommodation requests because the course content fulfills legitimate pedagogical goals.