

# Things to Know for Exam 3

## Biology 1110 (Tuesday, November 25)

**Brief Overview:**      **Time limit:** 1 hour and 15 minutes  
**Format:** about 30-40% short answer and 60-70% multiple choice  
**What you need to bring:** at least 2 pencils and a picture ID  
**Total amount of points:** 100 (graded on a 10 point scale)  
**Grading:** The test will be graded and returned to you in class in about a week.



*Please make sure that you turn off your cell phones and pagers during the test!*

*Remember there are no make-up exams (or late exams) given in this course!*

**Special Note for Exam 3:** The nature of this material is very different from previous topics and you should take advantage of that! Study hard and do the practice quizzes and study questions and you can do well. The material for this exam is very predictable! This is a great time to make an extra push to do well on this exam. There is still time this semester (between exam 3, the final, and using the final to replace a low grade) to make a significant improvement in your grade.

**Topics to be covered:** Cancer, cloning and stem cells (see PPs on class website), mistakes in meiosis, DNA, protein synthesis (transcription and translation), gene expression, and genetics. The final announcement on content will be made Thursday in class. All class notes, outlines and handouts are fair game. The text is an excellent resource and you should pay particular attention to any pages I ask you to read on the study questions but I will not be digging through the text to find some obscure fact to test you on! You should know by now that you have plenty of notes from class and this is what the test will emphasize. Make sure to review the relevant notes, outlines, diagrams, and study questions. You also are responsible for the information on reproductive and therapeutic cloning on the PPs on the website.

### **Instructions for the exam:**

**Tuesday: Be on time. Be on time. Be on time. Be on time.** The exam will be handed out as soon as the bell rings. Be sure to be in your seat with all of your belongings under your chair **before** the bell rings. Aim to be there by about 7:50 and then we can start right on time (which worked well last time). The **time limit** is 1 hour and 15 minutes – don't panic, you will have enough time. On the flip side, know your stuff – there will not be time to leisurely ponder questions you don't know. The exams will be collected when the bell rings. **No extra time will be given.**

- **Short answer questions** can be answered in a maximum of a few sentences. Be sure to **read the question completely** and **answer all portions** of the question. Do not add information that is not relevant to the question. I will be available during the test to answer your questions. The point values of each question will be indicated.
- **Multiple choice:** You know the drill by now.
- Please bring at least 2 pencils (and pens) with you.
- English translation devices such as dictionaries and electronic translators are not allowed.

**Some unsolicited advice:** Start studying early (not the day before). You can't possibly retain all this information unless you have had plenty of time to review it. Use your **study questions** and quiz yourself. Use your text and the resources I have provided to clarify any problem topics. Make sure you can explain the topics and elaborate on them in writing. **Don't memorize – it won't help you.** Have a complete understanding of the topics and be able to apply them – in other words, don't expect every question on the test to be word for word regurgitation of lecture notes. **This group of material is certainly less detail-oriented than the last test. Take advantage of the predictability of the short answer problems. Make sure to spend adequate time practicing DNA and genetics problems.**

## HELP!

1. **Practice questions:** You have been given 3 different opportunities to practice old exam questions: the study questions in your coursepack, the weekly SI questions, and the practice quizzes on the website. There is absolutely no excuse for not knowing what to expect on this exam.
2. Remember **SI** is a great resource. Amy and Kayla have 8 sessions a week where you can get help. This schedule and the room numbers are on my website.
  - I will also have a **review session** for the exam on Thursday at 7:00am in room 261.

In addition, if you have questions for me please email or voice mail me as early as possible before the exam. I will check my messages frequently, however, keep in mind that if you email or voice mail me at the last minute, you probably aren't going to get a reply!

You are responsible for being familiar with the UNCC Code of Academic Integrity. Violations of this code are taken very seriously and will be prosecuted.

- Remember to get what you need from the website in advance - you never know when internet connections might go down!