

**BME 110L / BIOL 181L**  
**Computational Biology Tools**  
**[www.soe.ucsc.edu/classes/bme110/Winter09](http://www.soe.ucsc.edu/classes/bme110/Winter09)**

**February 5:**

- Two review lectures (one left from Tue + one about multiple sequence alignments)
- How to prepare for your midterms next week (overview)
- Multiple sequence alignment demo (good to review as well!)

**Evening Section today: Review session**

Accompanying Reading (B4D): Chp 10

**How to prepare for the mid-term**

**Thursday Feb 12, 4-5:45pm, PSB-130**

- **PART I - “absolutely no book” exam (written, no laptops)**

read all the slides you find posted on the WWW

read all the book chapters listed so far: 1-4, 6-10, 14

(we will not ask topics that were not discussed in class but we will expect that you know additional background provided in the book)

ask if you cannot make sense of anything at all

(no worries, the questions will be reasonably practical, i.e. we will not ask completely exercise-unrelated questions, e.g. details about sequencing technologies, etc.)

**The room will be kept quiet, and all exam papers will be collected after the first part (probably after 40’).**

## How to prepare for the mid-term

Thursday Feb 12, 4-5:45pm, PSB-130

- **PART II - “use anything, but...” exam (laptop on wireless IN)**

redo all homework and in-class exercises by yourself  
read and understand the model solutions for HW1 and 2  
(model solution HW1 is posted; HW2 solution early next week)

try also the additional exercises/practical tips in the book

ask if you can not make sense of anything  
(though note that there is hardly ever just one correct answer -  
we are assessing primarily your problem-solving skills, i.e. as  
you noticed there were a few instances in HW2 where you had  
to decide yourself how to procure some information you needed  
for input - expect this sort of thing)

**You have to explain how you got the answer (Google and  
Wikipedia not allowed unless explicitly stated).**