

BIOC4540 Enzymology Mid-term W2020 Format

1. The mid-term examination is scheduled for **Tue, Feb 25, 2020** and will be held in CRPS 116 during the normal lecture period. It will be 1h 20 min (80 min) in duration. Please try to be a few minutes early so that we can start right on time.
2. The mid-term will be similar in format and length to the W2019 exam found in the Mid-term Exam folder at the Courselink website. The mid-term will consist of three parts (A, B, and C). Part A is worth 23 marks, Part B is worth 10 marks, and Part C is worth 7 marks. The total marks for the mid-term will be 40 and will cover the lecture notes from Lecture #1 – Lecture #12 and Problem Sets #1 - #3, but will NOT feature direct questions from your laboratory work.
3. Section A will be multiple choice questions with an emphasis on concepts (but not exclusively) as taken from the lecture notes and discussed in class time. Each question will be worth 1 mark for a total of 23 questions.
4. Section B will consist of short answer type questions. There will be a total of 5 questions worth 2 marks each for a total of 10 marks.
5. Section C will be composed of two problem questions such as those found in the assigned problem sets (Sets #1 to #3) and will be worth 7 marks, in total.
6. You should be prepared to write out or remember basic reactions schemes/mechanisms as presented in the lecture notes.
7. No equations will be provided on the exam sheet and you should know the Michaelis-Menten equation (and how to derive it) and you should know the equations (but not the derivations) for the various linear transformations of that equation. You should also know the derivation of the binding isotherm equation (single-site model) that was presented in Lecture #8.
8. During the exam, all textbooks, study materials, pencil cases, hand-held computing devices, cell phones, coats, backpacks, hats, etc. must be turned off and not used during the examination period. Only non-programmable calculators, pens, pencils, rulers and erasers may be used during the examination. Any student who breaches these rules may be subject to penalties with respect to academic offences.
9. You will not be required to construct elaborate or complicated graphs since there is not time during the examination period, but you may be asked to sketch general graphs to illustrate a concept, etc.