

CEM 882 Exam #2 Review Sheet

The exam will be given on Friday, May 2, 2025 starting at 8:30 am. Within reason, you may take as much time as you like for the exam within a single sitting.

You may bring one sheet of 8.5" × 11" paper containing whatever hand-written and non-xeroxed information you think is relevant. I will provide a sheet with parameters and some equations; however, the equations won't provide any definitions of the terms within them.

You should bring a calculator for the exam.

The exam will take place by Zoom. Your camera should be on so that I can see you while you take the exam. You can ask me questions by Zoom or email during the exam or you can call me on the phone.

You should show all of your work. In general, you will not receive credit for a correct answer with no explanation, calculation, and/or derivation. On the other hand, partial credit may be given for incorrect answers for which parts of the problem-solving approach are correct.

The exam will be based on material covered in lecture as well as the homework problems with an emphasis on the material covered since the first exam. There are some short-answer questions. There are also problems that include calculations and explanations in magnetic resonance spectroscopy and in electronic absorption and fluorescence spectroscopy.