

IE 375 Spring 2024

Information on Exam I

Exam I will take place on February 29th, 2024, Thursday, 13:50-17:20, EE04 (Location of the lectures) and EE517 (same building, fifth floor). The list on the allocation of the students to the classrooms will be available next Thursday by e-mail.

The general Reading list for the parts we have covered (or to be covered) are available in the WEB. More specifically, you are responsible from the topics covered in Chapter 2, and Chapter 4, until the end of the section 4.9 and Appendix 4-a in the textbook.

More information on the exam is presented below:

- (1) Please read the questions carefully.
- (2) If you cannot solve a part of a problem, and you think you need the solution of the part to go ahead to the next, if needed, define a parameter for the value and proceed with that parameter.
- (3) Numerical problems will be asked. I advise you to be systematic in computations – write the formula and start playing with the numbers. You will never get the entire grade if you only have numbers and an incorrect solution (or nothing but just a final number and even a correct solution).
- (4) You are not expected to memorize any formula or (procedure (algorithm) like “solution techniques,” as they will be supplied in the exam, **without any explanation**. Additionally, you are not allowed to ask questions about the meaning of those symbols in the formula or procedures provided. As you are not allowed to dwell on the formulas supplied, you are expected to understand the logic of those beforehand. The information provided is to ensure you do not miss anything.
- (5) Modeling questions will be asked. Always define whatever symbols you are using. If you think you need some assumptions or new definitions, state them clearly and explain why you need them. Additionally, more conceptual questions will be asked. You are expected to make concise explanations when necessary.
- (6) Time usage in the exam is essential. Try to concentrate on questions. You will not be allowed to ask any questions during the exam except to ask the meaning of some words you may not know.
- (7) No definitions will be asked, so you do not need to memorize any. However, you must understand the meanings, as the questions may explicitly or implicitly ask for those.
- (8) The exam will be a closed book, closed notes. No cellular phones will be allowed. It would help to switch your phones off and put them away during the exam. You will need a calculator for the exam. You must have your calculator and other necessary supplies; **SHARING IS NOT ALLOWED**.
- (9) Exam Duration: usually less than or equal to 120 minutes. However, the exact duration will be decided once the questions are set. Please do not ask – we will announce the duration in the classroom before we start the exam.