

Last Name: _____ First Name: _____ Net-ID: _____
 Discussion Section/Time: _____ Discussion TA: _____

This is a closed book exam. You have 3 hours to complete it.

You can have:

- A pencil or pen
- A calculator (scientific or graphing)
- Your Illinois ID (for UIN)

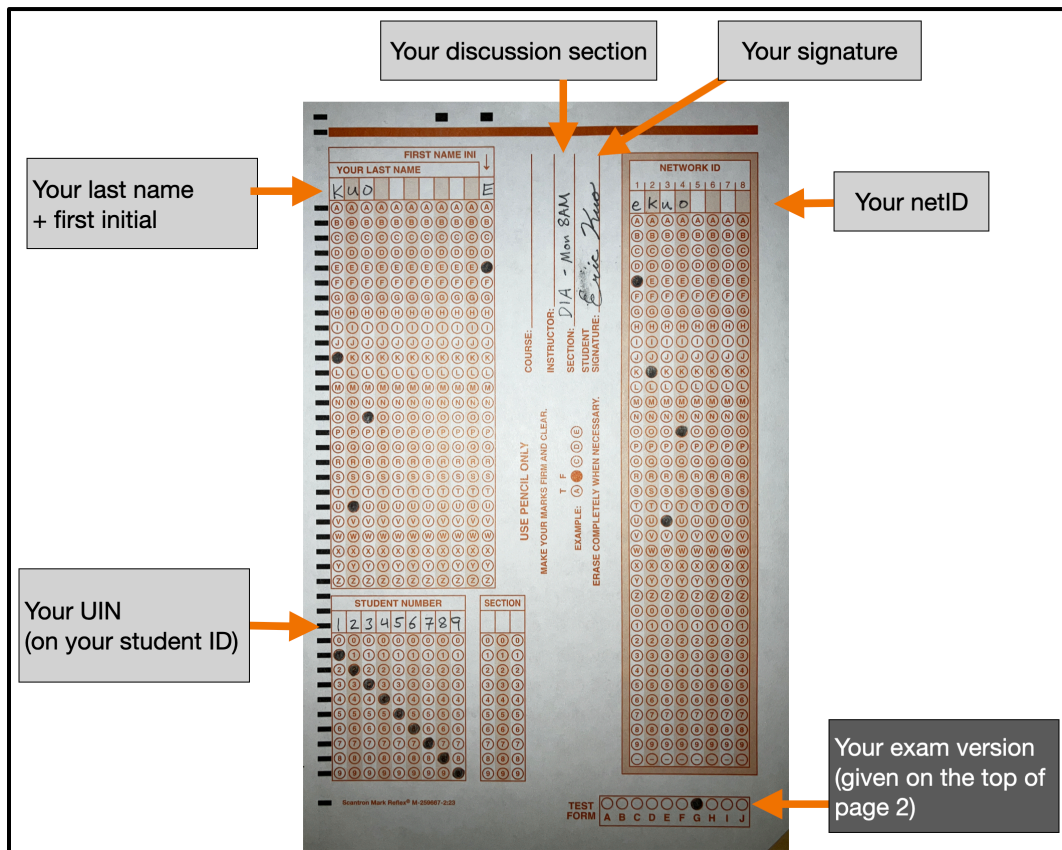
Please put away your phone / smartwatch (anything that connects to the internet).

Academic Integrity Statement

Giving assistance to or receiving assistance from another student or using unauthorized materials during a University Examination can be grounds for disciplinary action, up to and including dismissal from the university.

Before the exam starts

1) Fill out your scantron card with the following information:



2) Fill out the information at the top of this exam packet.

- 3) **This Exam Booklet is Version XX**. Mark the **XX** circle in the **TEST FORM** box on the bottom right of the scantron card (if this is wrong, your exam will not be graded correctly).
- 4) The exam is worth a total of **126 points**, composed of two types of questions.
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5-option multiple choice questions are each worth 6 points.

Partial credit will be granted as follows:

- If you mark only *one* answer and it is the correct answer, you earn 6 points.
- If you mark *two* answers, one of which is the correct answer, you earn 3 points.
- If you mark *three* answers, one of which is the correct answer, you earn 2 points.
- If you mark *four* answers, one of which is the correct answer, you earn 1.5 points.
- If you mark *five* answers, one of which is the correct answer, you earn 1.2 points.

3-option multiple choice questions are each worth 3 points.

Partial credit will be granted as follows:

- If you mark only one answer and it is the correct answer, you earn 3 points.
 - If you mark *two* answers, one of which is the correct answer, you earn 1.5 points.
 - If you mark *three* answers, one of which is the correct answer, you earn 1 point.
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- 5) Double check that your exam packet is complete (don't start the exam yet). This exam packet has **27 problems and 15 pages**, including these instructions at the start and the equation sheet at the end.
- 6) Detach the equation sheet from the exam packet (last page of the packet).
- 7) When the instructed by the proctors, you can start the exam. When you are finished:
- Please check that your answer selections on the scantron are accurate and that you indicated your answers on the problem packet as a backup.
 - Please don't discuss the final exam with anyone until the end of the final exam period, since there will be some people taking the exam after you are.