

ECE 341 Digital Systems Design

Test 1

October 14, 2020

Instructions:

This test is organized into three sections:

Section 1: Problems (synchronous, Oct 14 from 4:20-5:35pm)

Section 2: Short answer (synchronous, Oct 14 from 4:20-5:35pm)

Section 3: Aldec problem (due in 24 hours: 5:35pm Thursday Oct 15)

For Sections 1&2, this test is closed book, closed notes, no calculators, no Aldec, unless otherwise noted or directed. You are permitted 1/2 of an 8.5 by 11 inch “cheat sheet”, one side only (total area 8.5" × 5.5") with text size 6 point or larger. For Section 3, the problem statement and instructions will be provided in a separate document.

For Section 1, please show all of your work. For Section 2, provide the answer and partial credit will generally not be awarded in this section.

For the duration of the synchronous part of the test, leave your cameras turned on throughout the Zoom session and remain within the field of view of the camera.

If you have a question, “raise your hand” or send me your question through a private chat message. If necessary, we may go to a breakout room.

Your solutions to Sections 1&2 can be written on regular paper and be sure to accurately label each problem. You may use any color pencil or ink other than red. If you have a tablet computer and can enter written answers on this document, you may do so, provided the document you submit can be viewed using any PDF viewer. **To be clear, only hand written solutions are permitted. Solutions that are typed, word processed, and/or diagrams composed using drawing tools are not acceptable.**

When time is called, within 15 minutes of completing Sections 1&2 (by 5:50pm on Oct 14), upload an electronic copy (a clear scanned copy) of your test answers & “cheat sheet” in PDF format using the link provided. If you are unable to do so, (1) let me know immediately (email is fine), (2) photograph & upload individual pages from your test, again within the 15 minutes, and (3) upload a clear scanned copy as soon as possible afterwards.

Use the following link to upload your

<https://www.dropbox.com/request/kGjwI8YeoT6MXkta5Cv5>

Good Luck!

I pledge to support the Honor System at Old Dominion University. I will refrain from any form of dishonesty or deception, such as lying, cheating, or plagiarizing, which are Honor violations. I am further aware that as a member of the academic community, it is my responsibility to turn in all suspected violators of the Honor System. I will report to an Honor Council hearing if summoned.

(Print name)

(Sign here or write out pledge on your submission and sign)