Mar 18th Added: **Regular Discussion Session (Zoom):** Thu 7:30 AM – 9:30 AM (MDT)  
Check the Canvas Page for Personal Meeting ID & Password to access.

*Changed parts are in blue.*

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Office Hour (Zoom): Tue 1 PM – 3 PM (MDT) (or by appointment)

**Lab Description:** Each week, we will review and expand upon topics covered in lecture with an emphasis on engineering and physical applications. You may find the problems discussed in the lab session more complicated than most of those assigned as homework. While working in groups, you will gain experience in problem-solving. However, the number of problems will be decreased to 2–3 per lab.

**Grading:** The lab component of MATH 1320-9 accounts for 20% of your final course grade. The lab grade will be determined by your attendance and ten lab assignments, each of which you submit for each week. Among 10 graded labs, the lowest two scores will be dropped at the end of the semester. Out of 14 lab sessions, the other four will be used for review and will not be graded.

**Lab Worksheet:** Every Thursday 7:30 A.M., I will post a digital copy of our Lab worksheet on Canvas, and you will have an opportunity to start work on the assignment with your established (or with a temporary) group through the Canvas Discussion Tab, or your preferred messenger. You should expect having to spend extra time during the coming week on that assignment. Each Lab assignment has to be turned in digitally through Gradescope, and will be due 6:00 PM on the next Thursday. You may take a picture of your written assignments and send it to kwak@math.utah.edu. If all above methods do not work for you, then contact me to request my US Postal address.

**Group Work (still valid):** An essential part of the labs consists of facilitating and encouraging teamwork, both during and after the lab session, on challenging exercises. You may submit your work on the lab assignments as an individual. Still, we strongly recommend that you form a group with one or two classmates, and then virtually meet regularly to study together and work on the lab assignments together. If you choose to do so, submit a single set of worksheets for your whole group. (Note: The number of authors for the assignment should be no more than three. You have to consider splitting your group if it consists of more than three.) Turning in as a single group assignment, everyone of your group members will receive the same score.

Boost your score through participation! I will choose a few students who made a great contribution to the Discussion Tab on Canvas for each week and boost their lab worksheet score by 20% of that week.

**Class Policies.**

- The lab is a respectful and active learning environment where everybody is expected and encouraged to participate in the discussion and problem-solving.
- **No late labs will be accepted. (Recall: the due date is 6:00 P.M. every Thursday.)**
- We will be doing test reviews during the lab before each test.
- To facilitate grading with Gradescope your answers must be written or typed on the provided worksheets, and handed in as a digital copy directly to Gradescope, or pictures of your worksheets to kwak@math.utah.edu. For those who mailing to US Postal address is the only option, contact me.
- **Effective communication is essential.** You may lose all or part of your score if I cannot read or follow your work.