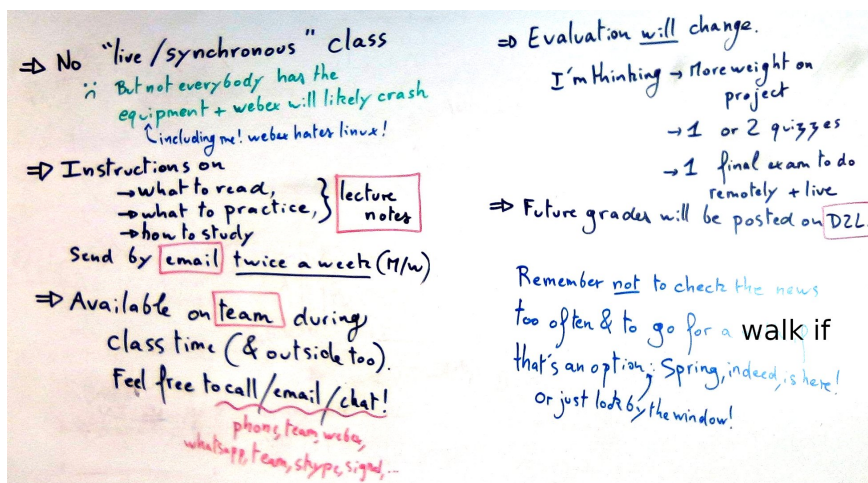


# CSCI 3410 – On-line shift!

Spring 2020

## 2020/03/25 – Future Planning

Please, let me share with you how I'm planning on teaching for the next ~4 weeks of classes. In case you've been missing my handwriting, please find this plan on a white board (click to zoom):



Essentially:

- Instruction will be sent by **email** and posted on **this page** twice a week,
- I'm available on **team** during class and outside of it too,
- Evaluation *will* change, I'm thinking
  - More weight on the project,
  - 1 or 2 quizzes,
  - 1 final exam to take remotely and live,
- Future grades will be posted on **D2L**.

Note that:

- There will be no "live" (synchronous) class,
- Ensuring "no harm to the students" is and will be my guiding principle for this on-line shift,
- The only technologies we'll be using (in bold above, email, website, team and D2L) should be easily accessible to all of you. If you need help with technologies, refer to our [Instructional Technology Support](#) correspondent Sienna Sewell, whose contact can be found on the [Continuity](#) webpage.

## To Do

Today's assignment is easy:

- Connect to team and say “Hi” in the “Database Systems – CSCI 3410 (Spring 2020)” group (email me if you don't have access to it).
- You can start looking at [this short intro to Java](#) and [Chapter 5 - Database Applications](#) to get ready for next week.

Stay safe!

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## 2020/03/30 – Lecture #1

Hi,

Ok, first, I'm sure you're longing to hear my voice, so here it is:

## Last Time

Well, that was a while ago... We finished “How to design a database” by discussing normal forms, and decided that we would skip over UML diagrams. That means that today, we start a new chapter, on Database Applications.

## Announcement

We need to re-organize the evaluation. My main goals are to: - not throw any additional difficulty by using new technologies or requiring synchronous connections, - makes this evaluation process interesting and empowering, so that you'll learn something that you could re-use, - offer flexible dead-lines.

I hope that I've managed to fill those goals by offering the following. So far, you have taken: - 2 quizzes (5%) - 1 project (5%) - 1 exam (20%)

I'd like to - double the weight of the past evaluations (so that the past quizzes are now 10%, the project is now 10%, and the exam is 40%), - offer a multi-step projects for 50% of your grade, - offer a “take home” final exam for 20% of your grade.

Yes, that means that your grade will be computed out of 120%, so that the “take home” final exam is a bonus to boost your grade. Practically, the project will ask you to

1. Write a business statement,
2. Write the E.-R. model for the situation you are describing,

3. Write the `sql` code for that E.-R. model,
4. Write a small application in Java to interact with your database.

The idea being that, for the ~4 weeks we have left, you would complete 1 step every week, and report back to me so that I could advise and help you in this project. Yes, that is a lot of discussion and work, but we can do it asynchronously, and with technologies that are familiar to you.

We will discuss the modalities of the take home exam later, but I was thinking of giving you a couple of problems around 04/29, and collect them by 05/06. You could do them any way you see fit: on paper, via email, ...

## To Do, Today!

Here is what we'll do today:

- Stop reading the news or check any nerve-wrecking feed of any kind for 2 hours (at least),
- Read [Chapter 5 - Database Applications](#) from the beginning to “Flash Intro to Java” (included),
- This last part points to [this short intro to Java](#). You will need to
  - Install java,
  - Compile and execute a short program,
  - Realize that a java program looks pretty much exactly the same as a program in C# or any other object-oriented programming language.

Last, please:

- Listen to the small recording I shared at the beginning of this post,
- Say “hi” on team,
- Let me know if you see any major challenge or injustice with the organization of the evaluation I offered at the beginning.

## Miscellaneous

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