CSC343H1 S 20221 (All Sections): Introduction to Databases

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To contact the course instructors regarding personal issues related to csc343, please use this email address:

csc343-2022-01@cs.toronto.edu (mailto:csc343-2022-01@cs.toronto.edu)

For general course-related questions, please use Piazza or visit us during office hours.

Welcome to CSC343H! This course provides an Introduction to Databases, and prepares you for later study in the implementation of Database Management Systems.

The material posted on Quercus is required reading. It contains important information: assignment handouts, the policy on missed work, links to the online discussion forum (Piazza), the announcements page, and more. You are responsible for all announcements made in lecture and on Quercus.

Prerequisites

If you don't have the course prerequisites listed in the calendar entry (https://fas.calendar.utoronto.ca/course/csc343h1) , you will receive an email from the undergraduate office with a form to fill out. You must have some equivalent preparation/good reason for requesting a waiver, which will then be assessed by the instructor. If you are not issued a waiver, the registrar will remove you from the course.

Instructors

For electronic communication, please use email from your UofT address for personal issues and the discussion forum to ask general course-related questions.

For email, include “CSC343” in the subject line and sign your full name **and** UTORid.

Instructor	**Mark Kazakevich**	**Danny Heap**
Office		

Hours	TBA on Zoom	TBA on Zoom
Email	csc343-2022-01@cs.toronto.edu (mailto:csc343-2022-01@cs.toronto.edu)	csc343-2022-01@cs.toronto.edu (mailto:csc343-2022-01@cs.toronto.edu)
Sections	L0301/2201, MWF4 in WI 1016 L5101/2501, W6-9 in BA 1190	L0101/2001, M11 in OI 2212, WF11 in RW 110 L0201/2101, M11 in OI 2212, WF11 in RW 110

Marking Scheme Summary

All dates/times are in Toronto time.

Lecture Preps	10%	Each worth 1%. Before lecture for weeks 2-11.	Due Mondays before 10am
Assignments (3)	39%	Each worth 13%	February 13, March 13, April 3
Midterm Test	15%	**Currently scheduled in-person**: During lecture time. Topics and location TBA. If **online**: Will provide information on timing.	March 2
Final Exam	36%	**In-person exam**. Online only if required by the University. You must get 40% or above on the final exam to pass the course; otherwise, your final course grade will be no higher than 47%.	April, TBA

Course Format, Active Classes, and Preparation for Them

All class time will be **synchronous**, whether online or in-person. During class time in this course, we will present material and demonstrate problem solving for part of the time. There will also regularly be activities that you participate in. Be prepared to get your gears turning in class! There is good evidence, and our experience also shows, that active learning works better than passively listening to a lecture. We also think it's a lot more fun. We will use **all** of our meeting time for these kinds of classes, led by your instructor, so there won't be any other tutorials for this course.

Lecture preps: To prepare for these active classes, you will be doing weekly activities outside of class. These will involve learning some material on your own, through readings or videos, and practising things we've learned in class. They will always culminate in some small exercises that you hand in. These weekly activities are not intended to be greatly time consuming.

When required, online lectures will be held on Zoom. Online lectures only *may* be recorded. We do not guarantee that a recording will be provided due to technical difficulties, etc. Not all sections of the course may be recorded. Recordings are not a substitute for coming to and engaging actively with lectures. Standard University note on lecture recordings: *This course (or part of it), including your participation, may be recorded on audio/video/chat messages and will be available to students in the course for viewing remotely. Course videos and materials are protected by copyright. Do not download, copy, or share any course or student materials or videos without the explicit permission of the instructor.*

Resources

These two resources are suggested to support your learning in the course:

- The textbook "A First Course in Database Systems" by Jeffrey D. Ullman and Jennifer Widom, 2008 (3rd Edition), available online from the **publisher (http://www.mypearsonstore.com/bookstore/product.asp?isbn=013600637X&xid=PSED)** , **Chapters (http://www.chapters.indigo.ca/home/search/?keywords=A%20First%20Course%20in%20Database%20Systems&pageSize=12)** , or **Amazon (http://www.amazon.ca/s/ref=nb_sb_ss_i_0_34?url=search-alias%3Daps&field-keywords=a+first+course+in+database+systems&x=0&y=0&sprefix=a+first+course+in+database+system** . It is also available on two-hour loan at the Engineering Library in the Sandford Fleming Building. It may or may not be available at the UofT Bookstore at this time.

Working with a Partner

You have the option of partnering with one other CSC343 student for your assignments, and we encourage you to do so. You may choose your own partner, and it need not be the same person for each assignment. Once you begin working on an assignment, you may not dissolve your partnership without my permission. Both partners will receive the same mark for joint assignments.

Working with a partner has the potential to lighten your workload and enhance your learning, or to increase your workload and impair your learning, depending on how you work together. Remember that you are responsible for learning the course material underlying all parts of the assignments. You will have the most success if you truly work together.

Assignment Policies

Assignments are due **before 4:00 pm** sharp. Assignments must be submitted electronically, using the **MarkUs** online system. When we give you the link, log in with your CS Teaching Labs username and password. Be sure to confirm that you have submitted all the required files and the correct version of each; we cannot accept missing files or a different version of an already-submitted file after the due date. Code that you submit to us for grading must work on the CS Teaching Labs machines in order to earn credit.

MarkUs is known to be slow when many students try to submit right before a deadline. Aim to submit your work at least one hour before the deadline.

Late Policy

Preps

No late lecture preps will be accepted.

Assignments: Late Penalty

We will accept limited late assignments with a penalty. Late penalties will be applied as follows: There is a one hour grace period in which no late penalty will be applied. For the next five hours, the deduction will be 5% per hour. For each hour above six hours, the deduction will be a further 15% per hour. After 10 hours, assignments will not be accepted. Following is an hourly breakdown of the late policy.

On time	no penalty
up to 1 hour late	no penalty
up to 2 hours late	5% penalty
up to 3 hours late	10% penalty
up to 4 hours late	15% penalty
up to 5 hours late	20% penalty

up to 5 hours late	20% penalty
up to 6 hours late	25% penalty
up to 7 hours late	40% penalty
up to 8 hours late	55% penalty
up to 9 hours late	70% penalty
up to 10 hours late	85% penalty
after 10 hours late	100% penalty

See **Special Consideration** for what to do in case of serious emergencies.

Since your work is submitted electronically and will often be tested using an automated testing program, you must follow the submission instructions exactly. If you do not, you will most likely lose substantial marks on the assignment. Check your submission carefully.

Special Consideration

Students experiencing illness or other emergencies that prevent them from being able to complete homework on time, or write a term test, can request special consideration. You will be required to affirm that you are abiding by the **Code of Behaviour on Academic Matters (http://www.governingcouncil.utoronto.ca/Assets/Governing+Council+Digital+Assets/Policies/PDF/ppjun011**
, in particular that it is an offence

> *to engage in any form of cheating, academic dishonesty or misconduct, fraud or misrepresentation not herein otherwise described, in order to obtain academic credit or other academic advantage of any kind.*

That is, you must confirm that you are truly experiencing an emergency, and acknowledge that to falsely claim so is an academic offence. Applying does not guarantee that you will be granted special consideration.

To apply for special consideration in CSC343, complete the **Special Consideration Request Form** and email it to the course account (**csc343-2022-01@cs.toronto.edu (mailto:csc343-2022-01@cs.toronto.edu)**) from your UofT email address. If your request is due to illness, fill out the absence declaration form on ACORN and include it with your email.
Special consideration is at the discretion of the instructor even when documentation is given or the absence form is filled out. **Do not assume you will receive any specific considerations simply**

because you request it or fill out the absence form.

IMPORTANT: Submit your request as soon as possible if you find yourself in such a situation. It is easier to resolve situations earlier rather than later. If your emergency will affect your ability to complete coursework for more than a few days, or in multiple courses, we recommend you also talk to your registrar.

Academic Integrity

The work you submit must be your own. It is an academic offence to copy someone else's work. This includes their code, their words, and even their ideas. Whether you copy or let someone else copy, it is an offence. Academic offences are taken very seriously.

At the same time, we want you to benefit from working with other students. Obviously, work done with your partner is a joint effort. You are also welcome to work appropriately with students other than your partner. It is appropriate to discuss course material and technology related to assignments, and we encourage you to do so. For example, you may work through examples that help you understand course material or a new technology, or help each other configure your system to run a supporting piece of software. You may also discuss assignment requirements.

However, other than between partners, *collaboration on assignment **solutions** is strictly forbidden*. The most certain way to protect yourself is not to discuss assignment solutions or the ideas behind them with students other than your partner. Certainly you must not let others see your assignment solutions, even in draft form, and even your rough work. Please don't cheat. We want you to succeed and are here to help if you are having difficulty.

Accessibility Needs

The University of Toronto is committed to accessibility. If you require accommodations or have any accessibility concerns, please visit **Accessibility Services (http://www.accessibility.utoronto.ca)** as soon as possible.

A note about the "Course Summary" below

The Course Summary below is a summary of due dates generated by Quercus based only on course elements that it knows about. It does not include other graded things, like some of the preps, some of which are done outside of Quercus.

Course Summary:

Date	Details	Due