

University of Toronto

Department of Computer & Mathematical Sciences

MATC32: Graph theory and applications

Course information and Policies

taught by Louis de Thanhoffer de Volcsey

[-email me](#)

[-website](#)

Office: IC 469

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Prerequisite:

The Prerequisite for this course either MATB24: *linear algebra 2* or CSCB36: *Introduction to the theory of computation* as well as one other B-level course in either mathematics or computer science. In the course of the first week a prerequisite check will be done by myself. This includes approving possibly equivalent prerequisites (such as a similar course taught at St. George or a transfer credit) on a case by case basis. Be aware that if you do not have the official prerequisite you may be removed from the course

Textbook

[-textbook](#)

The textbook is *Introduction to graph theory, 2nd Ed.* by Douglas. B. West. It can be found from the bookstore or through the link above

Email Protocol:

To ensure your email gets to me and that I respond, make sure you:

- send from your academic email address to mine (I don't respond to personal emails)
- include your name/ student ID (this guarantees I correctly identify you) and the course (I teach multiple)
- write in correct, legible english
- motivate whatever request you may have
- check your request can be fulfilled by me as opposed to the teaching assistant

I may not always respond to your email (randomly asking for a grade change without a valid reason is a good example). If you do follow the protocol, you will get a response from me within 2 business days.

Course Communication and Materials:

The communication and materials will go as follows:

- All course information, documents, assignments, solved quizzes, solved midterms can be found on the [course website](#)
- your grades are posted on the grade center of [Blackboard](#)
- All announcements will be sent to your academic email.

Grading Scheme and Schedule:

Section	date	weight
assignment 1	week 3	~ 5%
assignment 2	week 5	~ 5%
Midterm	week 6	~ 35%
assignment 3	week 7	~ 5%
assignment 4	week 9	~ 5%
assignment 5	week 11	~ 5%
Final	Dec 7th-20th	~ 40%

Assignments:

Assignments will be posted on the [course website](#) on Friday every 2 weeks. They will contain take home problems, which you should attempt to solve and drop off in the MATC32 box on the 4th floor of the IC building the next Friday. Make sure you leave a margin of error as technical problems won't be accepted as an excuse if you miss the deadline. However:

Only the top 4 assignments will count towards your grade

Lectures

The lectures will take place on

Tuesdays: 9-10am in SW319 and Friday:9-11am in IC208

- there will be no notes posted in order to encourage you to take your own notes and attend the lectures.
- I will follow the textbook, but will also provide extra material, historic background/context outside of the textbook during the lectures. I'll even perform some experiments!
- A few lectures will be based of extra notes which i think take a more transparent approach that the textbook. I will post these notes as well.
- Each week a short summary of the lecture will be posted on the [course website](#)

Midterm

The midterm will take place during week 6 and will account for roughly 35% of your grade. It will be of 3 hours and most likely will consist of 5-7 questions of which the last one is true or false (argue or give an example). As we get closer to Week 6, I will post a little more information on the midterm as well as the exact list of things you should know in order to prepare.

Final

The final will take place sometime after week 12 and will account for roughly 40% of your grade. Again, it will be 3 hours long and most likely will consist of around 5-7 questions of which the last one is a true or false (argue or give an example). As we get closer to the date, I will also post a little more information on the format as well as the exact list of things you should know in order to prepare.

Office Hours:

I will hold 2 regular office hours in IC 404 where you can get all your questions answered. Please take advantage of that as much as you can, we are here to help. The TA will hold 1 office hour to help you as well with all that pertains to the assignment and grading. A schedule of office hours will be posted on the [course website](#) during Week 1

Missing a Quiz, the Midterm or Final

There are different rules in case you miss an assignment, midterm or final:

if you miss any graded work:

- if it happens once, no problem as only 4 out of 5 assignments will be counted (it is for this reason, the policy gets instored)
- for medical reasons, send me a compensation request and explanation (CRE) in the same week.
- The CRE must include your name/ student ID, signature, tutorial number, the name of an authenticating second party as well as their position, signature, and a statement of the very good reason why you missed the test.
- You may also be eligible for compensation in case of an accident/injury, religious/legal obligations or family catastrophes.
- work obligations, extra-curricular activities, technical issues, slight illness, misreading the time of day or location, lateness, course conflicts, transportation issues will not be considered valid reason,

If you miss the midterm:

- A make-up test will be planned shortly after the original session. You must take part in that one.

If you miss the final:

- This is a serious matter and is therefore not addressed at course-administrative level. The UTSC policy on missing a final exam can be found [here](#)

Regrade policy

The regrade policy differs depending on the grade work: For assignments

- Request will be considered only if a clear and blatant mistake was made during the grading process (marks will **not** get renegotiated). If you are not sure about why an answer was marked, you can always ask the TA...
- If you feel a regrade is justified, please contact your TA with all student information explaining clearly where the mistake in the grading was made and include a scanned copy of the quiz
- The TA will evaluate your request and get back to you in case of approval.

For the midterm:

- Again, requests will only be considered if a clear and blatant mistake was made
- If you feel your midterm should be regraded, please contact me directly, with your information as well as the exact nature of the error you believe was made and a scanned copy of the midterm
- If I agree to the request, I will get back to you. Your request will only be confirmed after you receive an email from me

For the final:

- the rules to regrade the final are not addressed at course-administrative level. The UTSC policy on regrading happens in two steps and can be found [here](#)

Further Administrative Problems

Direct any of your course administrative issues such as technical issues, AccessAbility issues, tutorial/TA concerns, missing gradework to me directly. Ideally via [email](#) to make sure there is a record of the request in case. If the matter is sensitive please come by my office on the days of the lecture

Your Responsibilities:

As a student in MATC32, you are responsible for the following:

- Making sure your grades get entered correctly and letting us know within **2 weeks** if there is an technical issue made.
- Sending the appropriate documentation **within the week** for any compensation request.
- Attend all of your lectures, and to not disrupt any of these by irrelevant talking, electronic activity, or other annoying behavior.
- Have the necessary prerequisites.
- Read and know the contents of this General Course Information Sheet and keep track of all announcements sent to you via email.
- all students are expected to be familiar with and abide by the University of Toronto Code of Behavior and Code of Student Conduct found in the UTSC Calendar and the UTSC Registrar's website.

The information on this General information sheet is subject to change