Course Syllabus

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Course Information

Instructor	David Jorjani
Classes	Tuesdays & Thursdays 18:00 – 19:00
Class Link	▣ (https://utoronto.zoom.us/j/83499207770) **https://utoronto.zoom.us/j/84658971785** ▣ **(https://utoronto.zoom.us/j/84658971785)** Passcode: 978161
Tutorials	Tuesdays & Thursdays 19:00 – 21:00 on Zoom Tues Tutorials - **https://utoronto.zoom.us/j/84298393385** ▣ **(https://utoronto.zoom.us/j/84298393385)** Thurs Tutorials - **https://utoronto.zoom.us/j/81657588620** ▣ **(https://utoronto.zoom.us/j/81657588620)**
Tutorial Schedule	**https://q.utoronto.ca/courses/380033/pages/tutorial-schedule** **(https://q.utoronto.ca/courses/380033/pages/tutorial-schedule)**
Office Hours	Tuesdays & Thursdays 17:00-18:00 **https://utoronto.zoom.us/j/84658971785** ▣ **(https://utoronto.zoom.us/j/84658971785)** Passcode: 978161 or by appointment (please send an email)

Teaching Assistants

Last Name	First Name	Email
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Lin	John	**johnlin@cs.toronto.edu (mailto:johnlin@cs.toronto.edu)**

Course Description

Introduction to software development methodologies with an emphasis on agile development methods appropriate for rapidly moving projects. Topics include basic software development infrastructure; requirements elicitation and tracking; estimation and prioritization; prototyping; basic project management; introduction to software architecture; testing; teamwork skills; design patterns and refactoring; professional responsibility.

Course Emails

Generic requests about your project	Your Mentor TA
Assignment 1 Email Address (same for a2)	**(mailto:paul.budnarain@mail.utoronto.ca) pritish.mishra@mail.utoronto.ca (mailto:pritish.mishra@mail.utoronto.ca)**
Deliverable 1 Email address (same for d2, d3, d4, d5)	**pritish.mishra@mail.utoronto.ca (mailto:pritish.mishra@mail.utoronto.ca)**
General requests unrelated to projects, tutorials, or assignments	**pritish.mishra@mail.utoronto.ca (mailto:csc301-2024-09@cs.toronto.edu)**
Overall course emails outside project, tutorial, or assignment	**david.jorjani@utoronto.ca (mailto:david.jorjani@utoronto.ca)**

Contacting the Teaching Team

1. Please use email for personal issues and use the discussion board to ask questions related to deliverables, course schedule, and timeline, or any other question that is not personal.

2. Always use the **email addresses provided above** so the right people are informed and you get your response in time. **Include your identifying details (e.g., GitHub id, group number, student number, legal name, repo link).**

3. Always send emails from your **official UofT email address** and begin email subject lines with "[CSC301]-[TEAM-NUMBER]" so they are prioritized.

4. We receive a large quantity of emails over the term. We try to respond **within 48 hours**. However, it may take longer, especially on weekends and near due dates. Note that questions about the assignment asked via email the day before a deadline may not be answered on time. Your best bet is to ask on the discussion board.

Textbook and References

Given the vast areas of the course, there is **no one textbook** that would cover everything. Before every class, we will provide recommended readings and suggest you read them for a deeper understanding of the topics.

One of our key references throughout the term will be the **Developer Roadmap Repository** ⤷ **(https://roadmap.sh/roadmaps)** , which we will refer to with specific topics in relevant classes.

Course Organization

We will use several platforms throughout the course to help organize the information.

1. Quercus: Quercus will be used to communicate with you and maintain your grades. Quercus will be the starting point for everything you need to do. It is your responsibility to stay updated.
   1. Assignments: All assignments will be posted here along with their **due dates, grades** and **rubrics**.
   2. Announcements: All important announcements will be posted here so you are notified immediately.
2. GitHub
   1. Organization: GitHub Organization will be used to host all of your contributions to assignments and projects and will be used as the main source for grading purposes.
   2. Classroom: GitHub Classroom will be used as the starting point for your assignment and project submissions. Details will be provided in each section.
   3. Pages: GitHub Pages will be used to host all of the related learning material for the course. You are encouraged to contribute to this page to help improve our learning resources.
3. Piazza (Discussion Board): You are encouraged to use the discussion board to discuss the course material, pose questions on the assignments, etc. The discussion board will be monitored by the teaching team and the students.

Online Delivery

The course is scheduled to be delivered online. The classes will be recorded on video and will be available for students in the course to view after each session.

Important Notes:

1. Although the course is scheduled to be online, you are encouraged to meet in person with your team and your partner (if possible).
2. Plan to attend and participate in classes and tutorials.
3. Course videos and materials belong to your instructor, the University, and/or other sources depending on the specific facts of each situation and are protected by copyright. In this course, you are permitted to download session videos and materials **for your own academic use**, but you should not copy, share, or use them for any other purpose without the explicit permission of the instructor.

Prerequisites and Exclusions

Prerequisites: CSC209, CSC263/CSC265

It is **your responsibility** to ensure you have all the prerequisites for the course. If you don't have the prerequisites, follow the process laid out by the undergraduate office to request a waiver. We cannot grant waivers outside that process. Otherwise, you will be dropped from the course.

Evaluation & Marking Scheme

You can see a summary of coursework, weights, and due dates in the table below.

Coursework	(Tentative) Due Date	Weight (%)
Course Quiz	Jan 20	2
Assignment 1 (individual)	Jan 20	2
Deliverable 1 (team)	Jan 28	16
D1 Review (team)	Feb 3	4
Deliverable 2 (sub-team)	Feb 14	16
Assignment 2 (individual)	Feb 28	5
Deliverable 3 (team)	Mar 7	16
Team Check-in (individual)	Mar 9	1
D3 Review (team)	Mar 14	4
Deliverable 4	Week 10	16
Deliverable 5 (team)	Apr 4	14
Participation & Progress Updates (individual)	Ongoing	3
End of Term Reflection (individual)	Apr 5	1

Coursework	(Tentative) Due Date	Weight (%)
Total		100

💡 There is no midterm or final exam.

Teamwork

The ability to work in a team effectively is core to the course. It is important that you are working with your team and pulling your weight for the team project. **Your individual contribution is critical; and individual marks will vary depending on your contribution. Your contribution will be assessed through the following methods:**

1. Git logs & contributions. **Every member of the team must contribute to the code in the repo. You may get zero for one or more deliverables if you do not contribute to the code**. Contributions to documentation, meetings, tutorials, etc. will help but are not enough.
2. TA assessment (contributions in tutorials, meetings, and activities)
3. Peer evaluations **after D5.** See Individual Contribution Multiplier (ICM) page on Quercus for details and specifics.

NOTE: This is a demanding course. If you cannot commit to contributing to the course (and project), you may want to consider dropping the course now to save yourself, your team members, your TA (, and your partner) energy.

Participation & Progress Updates

Refer to the participation assignment on Quercus (after tutorials begin) for details and expectations related to participation and progress updates.

Special Consideration for Lateness, Illness, and Emergencies

We recognize that each of you may face unique challenges that can impact your ability to complete your coursework on time. If you are experiencing issues that prevent you from completing your coursework on time, please **complete the [delay notification form](https://forms.office.com/r/qq4cbLGgrw) ⤷ (https://forms.office.com/r/qq4cbLGgrw)** (~2-3 mins). Every student (for assignments) and every team (for deliverables other than presentation) will be granted a grace period of **up to 48 hours**. If you are a student registered with Accessibility Services, your accommodations apply in addition to this grace period.

If you require additional time or further consideration beyond what is granted above, please contact us through the email address related to the coursework you need an extension for (see **assignment and project emails** listed above) from your UofT email address with the following information:

- Your full name, GitHub id, and utorid
- Your team number and your partner name if relevant
- The coursework you are applying for special consideration on.

- The date when you will be able to complete coursework again.
- Your lead TA will assess your request and respond. The only exception is for the presentation, which you need to coordinate directly with the instructor(s).

While this does not guarantee that you will be granted special consideration, we will use our discretion to support your ability to learn and succeed within the course.

IMPORTANT: Notify the instructors or your TA as soon as possible if you find yourself in a difficult situation. It is always easier to resolve situations earlier rather than later and you will save yourself days of extra stress. You may lose up to 10% per day for the coursework submitted late without notification.

Remark Requests

Remark requests sent with clear details will be considered up to one week after the grades are released. Requests submitted after one week will be considered at the discretion of your TA and instructor. Individual Contribution Multiplier (ICM) remark requests must be directly sent to your instructor while carbon copying (cc) your team members and TA.

Accessibility Statement

Students with diverse learning styles and needs are welcome in this course. If you have a disability/health consideration that may require accommodations, please feel free to approach the instructors and/or the **Accessibility Services (https://www.studentlife.utoronto.ca/as)** as soon as possible. We will work with you and Accessibility Services to ensure you can achieve your learning goals in this course. Inquiries are confidential.

Academic Integrity

You must cite your work properly. This includes project work, assignments, and reports you submit including your code. Please review the material suggested in the lectures and consult the **University's site on Academic Integrity (http://academicintegrity.utoronto.ca/)** . The University has a zero-tolerance policy on plagiarism as defined in **section B.I.1.(d) of the University's Code of Behaviour on Academic Matters (http://www.governingcouncil.utoronto.ca/Assets/Governing+Council+Digital+Assets/Policies/PDF/ppjun011** . You should acquaint yourself with the Code. Please review the material in Cite it Right and if you require further clarification, consult the site **How Not to Plagiarize (http://advice.writing.utoronto.ca/wp-content/uploads/sites/2/how-not-to-plagiarize.pdf)**

Cite it Right covers relevant parts of the **U of T** **Code of Behaviour on Academic Matters* (1995) (http://www.governingcouncil.utoronto.ca/policies/behaveac.htm)** .

The University of Toronto is committed to equity, human rights and respect for diversity. All members of the learning environment in this course should strive to create an atmosphere of mutual respect where all members of our community can express themselves, engage with each other, and respect one

another's differences. U of T does not condone discrimination or harassment against any persons or communities.

Policy on Collaboration

You must only submit and present your own work or your team's work or cite your external sources properly as mentioned above. Do not use another team's work. As a precaution, I suggest that you only discuss high-level ideas with other teams' members. You are not permitted to consult other teams' work. Sharing your team's work with other teams is a violation of this policy. If challenged by either a TA or the instructor, you must be able to reproduce and explain any work you submit in an oral exam. Failure to observe this policy is an academic offence, carrying a penalty ranging from a zero on an assignment to suspension from the university.

Policy on Using Artificial Intelligence Tools

As a software engineer in the industry, most teams will allow you to use the latest tools and technologies available to you (legal, security, privacy, and confidentiality considerations permitting). As part of your coursework, you are welcome to use any such tools (e.g., Copilot, Claude, Cursor, ChatGPT) as long as you adhere to the following requirements:

1. You will adhere to all of the university policies in these regards. University policy is the ultimate reference point in this matter.
2. You will clearly specify the tools you have used and to what extent.
3. You will only use such tools, understanding their terms of use and with non-sensitive data and software. This means you are not allowed to share sensitive data shared with you by your partner (e.g., names, emails, addresses, etc.) without their clear and written permission.
4. You can clearly and easily explain and justify the work submitted. Submitting coursework without clearly understanding it fully may be considered plagiarism and penalized accordingly.
5. For any work related to your project, if you are working with a partner, you will receive written permission from your partners specifying the use case and extent.

Course Summary:

Date	Details	Due
Mon Jan 20, 2025	🚀 **Course Quiz** (https://q.utoronto.ca/courses/380033/assignments/1443366)	due by 11:59pm
	📝 **Assignment 1** (https://q.utoronto.ca/courses/380033/assignments/1443368)	due by 11:59pm

Date	Details	Due
Tue Jan 28, 2025	📄 **Week 3 Plan**	to do: 11:59pm
	📝 **Deliverable 1 (https://q.utoronto.ca/courses/380033/assignments/1443372)**	due by 11:59pm
	📝 **Active & Continuous Participation (https://q.utoronto.ca/courses/380033/assignments/1443382)**	
	📝 **Individual Contribution Multiplier (ICM) (https://q.utoronto.ca/courses/380033/assignments/1443379)**	