

# Course Syllabus

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## Course Information (Tentative until confirmed by week 1)

Instructor	David Jorjani
Classes	Tuesdays & Thursdays 18:00 – 19:00
Class Link	<a href="https://utoronto.zoom.us/j/83499207770">➡ (https://utoronto.zoom.us/j/83499207770)</a> <a href="https://utoronto.zoom.us/j/82188106409">https://utoronto.zoom.us/j/82188106409</a> ➡ <a href="https://utoronto.zoom.us/j/82188106409">(https://utoronto.zoom.us/j/82188106409)</a> (Passcode: 970749)
Tutorials	Tuesdays & Thursdays 19:00 – 21:00 on Zoom Tues Tutorial <a href="https://utoronto.zoom.us/j/83252820687">Zoom Link</a> ➡ <a href="https://utoronto.zoom.us/j/83252820687">(https://utoronto.zoom.us/j/83252820687)</a> Thurs Tutorial <a href="https://utoronto.zoom.us/j/83730448498">Zoom Link</a> ➡ <a href="https://utoronto.zoom.us/j/83730448498">(https://utoronto.zoom.us/j/83730448498)</a>
Tutorial Schedule	<a href="https://q.utoronto.ca/courses/395569/pages/tutorial-schedule">https://q.utoronto.ca/courses/395569/pages/tutorial-schedule</a> <a href="https://q.utoronto.ca/courses/395569/pages/tutorial-schedule">(https://q.utoronto.ca/courses/395569/pages/tutorial-schedule)</a>
Office Hours	Thursdays 17:00-18:00 <a href="https://utoronto.zoom.us/j/82188106409">https://utoronto.zoom.us/j/82188106409</a> ➡ <a href="https://utoronto.zoom.us/j/82188106409">(https://utoronto.zoom.us/j/82188106409)</a> (Passcode: 970749) or by appointment (please send an email)

## Teaching Assistants

Last Name	First Name	Email
Mishra	Pritish	<a href="mailto:pritish.mishra@mail.utoronto.ca">pritish.mishra@mail.utoronto.ca</a> <a href="mailto:pritish.mishra@mail.utoronto.ca">(mailto:pritish.mishra@mail.utoronto.ca)</a>
Sharma	Raghav	<a href="mailto:raghav@cs.toronto.edu">raghav@cs.toronto.edu</a> <a href="mailto:raghav@cs.toronto.edu">(mailto:raghav@cs.toronto.edu)</a>
Rasul	Abdullah	<a href="mailto:abdullah.rasul@mail.utoronto.ca">abdullah.rasul@mail.utoronto.ca</a> <a href="mailto:abdullah.rasul@mail.utoronto.ca">(mailto:abdullah.rasul@mail.utoronto.ca)</a>
Lai	Ruitao	<a href="mailto:r.lai@mail.utoronto.ca">r.lai@mail.utoronto.ca</a> <a href="mailto:r.lai@mail.utoronto.ca">(mailto:r.lai@mail.utoronto.ca)</a>

Last Name	First Name	Email
Jafarinezhad	Omid	<a href="mailto:o.jafarinezhad@mail.utoronto.ca">o.jafarinezhad@mail.utoronto.ca</a> ( <a href="mailto:o.jafarinezhad@mail.utoronto.ca">mailto:o.jafarinezhad@mail.utoronto.ca</a> )
Jaiswal	Shikhar	<a href="mailto:jaiswal@cs.toronto.edu">jaiswal@cs.toronto.edu</a> ( <a href="mailto:jaiswal@cs.toronto.edu">mailto:jaiswal@cs.toronto.edu</a> )
Wu	Siyi	<a href="mailto:reyna.wu@mail.utoronto.ca">reyna.wu@mail.utoronto.ca</a> ( <a href="mailto:reyna.wu@mail.utoronto.ca">mailto:reyna.wu@mail.utoronto.ca</a> )
Kothiyal	Naomi	<a href="mailto:naomi.kothiyal@mail.utoronto.ca">naomi.kothiyal@mail.utoronto.ca</a> ( <a href="mailto:naomi.kothiyal@mail.utoronto.ca">mailto:naomi.kothiyal@mail.utoronto.ca</a> )

## Course Description

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

If you want prompt and reliable responses, please send your emails to the right point of contact. Otherwise, we'll need to forward them to follow up.

Generic requests about your coursework	Your Point of Contact
Assignment Email Address	<a href="mailto:paul.budnarain@mail.utoronto.ca">paul.budnarain@mail.utoronto.ca</a> <a href="mailto:pritish.mishra@mail.utoronto.ca">pritish.mishra@mail.utoronto.ca</a> ( <a href="mailto:pritish.mishra@mail.utoronto.ca">mailto:pritish.mishra@mail.utoronto.ca</a> )
Deliverable 1 Email address (same for d2, d3, d4, d5)	<a href="mailto:pritish.mishra@mail.utoronto.ca">pritish.mishra@mail.utoronto.ca</a> ( <a href="mailto:pritish.mishra@mail.utoronto.ca">mailto:pritish.mishra@mail.utoronto.ca</a> )
General requests related to projects, tutorials, or assignments	<a href="mailto:pritish.mishra@mail.utoronto.ca">pritish.mishra@mail.utoronto.ca</a> ( <a href="mailto:csc301-2024-09@cs.toronto.edu">mailto:csc301-2024-09@cs.toronto.edu</a> )
Overall course emails outside project, tutorial, or assignment	<a href="mailto:david.jorjani@utoronto.ca">david.jorjani@utoronto.ca</a> ( <a href="mailto:david.jorjani@utoronto.ca">mailto:david.jorjani@utoronto.ca</a> )

## Contacting the Teaching Team


1. Please use the discussion board to ask questions related to deliverables, course schedule, timeline, or any other questions that are not personal. Use email for personal issues or urgent matters that are

not responded to within 48 hours on the discussion board.

1. Always use the **email addresses provided above** so the right people are informed and you get your response in time. Ask yourself what do they need to find the relevant information and reply. **Include relevant identifying details (e.g., GitHub ID, group number, student number, legal name, repo link).**
2. Always send emails from your **official UofT email address** and begin email subject lines with “[CSC301]-[TEAM-NUMBER]” so they are prioritized.
3. 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

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.

key references throughout the term will be the [Developer Roadmap Repository](https://roadmap.sh/roadmaps)  (<https://roadmap.sh/roadmaps>), which we will refer to with specific topics in relevant classes.

## Course Organization

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 teaching team and the students will monitor the discussion board.

## Online Delivery

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.

- 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 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

**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

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

Coursework	(Tentative) Due Date	Weight (%)
Course Quiz	Sep 17	3
Deliverable 1	Sep 26	16
D1 Review	Sep 30	4
Deliverable 2	Oct 17	16
D2 Review	Oct 23	4
Deliverable 3 (AI)	Nov 7	16
Team Check-in (individual & Optional)	Nov 14	0
Deliverable 4	Presentation: Nov 25 / 27 Submission: Nov 28	16
Deliverable 5 (Final demo)	Dec 1	16
Participation & Progress Updates	Ongoing	8

Coursework	(Tentative) Due Date	Weight (%)
(individual)		
End of Term Reflection (individual)	Dec 1	1
Total		100

There is no midterm or final exam.

## Teamwork

work in a team effectively is core to the course. You must be 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 D4**. See Individual Contribution Multiplier (ICM) page on Quercus for details and specifics.

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

[participation assignment \(https://q.utoronto.ca/courses/395569/assignments/1570177\)](https://q.utoronto.ca/courses/395569/assignments/1570177) on Quercus for details and expectations related to participation and progress updates.

## Special Consideration for Lateness, Illness, and Emergencies

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/CbjFegkCrN)**  (<https://forms.office.com/r/CbjFegkCrN>) (~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.

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).

**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.**

: 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

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

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 \(https://www.studentlife.utoronto.ca/as\)](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

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 \(http://academicintegrity.utoronto.ca/\)](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 \(http://www.governingcouncil.utoronto.ca/Assets/Governing+Council+Digital+Assets/Policies/PDF/ppjun011\)](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 \(http://advice.writing.utoronto.ca/wp-content/uploads/sites/2/how-not-to-plagiarize.pdf\)](http://advice.writing.utoronto.ca/wp-content/uploads/sites/2/how-not-to-plagiarize.pdf).

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

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


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 this regard. 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 Sep 8, 2025	 <a href="https://q.utoronto.ca/courses/395569/assignments/1570175">Course Quiz</a> ( <a href="https://q.utoronto.ca/courses/395569/assignments/1570175">https://q.utoronto.ca/courses/395569/assignments/1570175</a> )	due by 11:59pm

Date	Details	Due
Fri Sep 12, 2025	 <a href="#">D0-Team Signup and Project Application</a> ( <a href="https://q.utoronto.ca/courses/395569/assignments/1570178">https://q.utoronto.ca/courses/395569/assignments/1570178</a> )	due by 11:59pm
Tue Sep 16, 2025	 <a href="#">Week 3 Plan</a>	to do: 11:59pm
Wed Sep 17, 2025	 <a href="#">Deliverable 1</a> ( <a href="https://q.utoronto.ca/courses/395569/assignments/1570181">https://q.utoronto.ca/courses/395569/assignments/1570181</a> )	due by 11:59pm
Mon Sep 29, 2025	 <a href="#">D1 Review</a> ( <a href="https://q.utoronto.ca/courses/395569/assignments/1570179">https://q.utoronto.ca/courses/395569/assignments/1570179</a> )	due by 11:59pm
Mon Oct 13, 2025	 <a href="#">Deliverable 2</a> ( <a href="https://q.utoronto.ca/courses/395569/assignments/1570182">https://q.utoronto.ca/courses/395569/assignments/1570182</a> )	due by 11:59pm
Mon Oct 20, 2025	 <a href="#">D2 Review</a> ( <a href="https://q.utoronto.ca/courses/395569/assignments/1570180">https://q.utoronto.ca/courses/395569/assignments/1570180</a> )	due by 11:59pm
Mon Nov 3, 2025	 <a href="#">Deliverable 3: (Formerly AI Assignment: Integrating AI into Your Project)</a> ( <a href="https://q.utoronto.ca/courses/395569/assignments/1570176">https://q.utoronto.ca/courses/395569/assignments/1570176</a> )	due by 11:59pm
Fri Nov 14, 2025	 <a href="#">Team Check in (Optional)</a> ( <a href="https://q.utoronto.ca/courses/395569/assignments/1570188">https://q.utoronto.ca/courses/395569/assignments/1570188</a> )	due by 11:59pm
Sun Nov 23, 2025	 <a href="#">Deliverable 4</a> ( <a href="https://q.utoronto.ca/courses/395569/assignments/1570183">https://q.utoronto.ca/courses/395569/assignments/1570183</a> )	due by 11:59pm
Mon Dec 1, 2025	 <a href="#">Deliverable 5</a> ( <a href="https://q.utoronto.ca/courses/395569/assignments/1570184">https://q.utoronto.ca/courses/395569/assignments/1570184</a> )	due by 11:59pm
Tue Dec 2, 2025	 <a href="#">End of term reflection</a> ( <a href="https://q.utoronto.ca/courses/395569/assignments/1570185">https://q.utoronto.ca/courses/395569/assignments/1570185</a> )	due by 11:59pm
	 <a href="#">Peer &amp; Partner Evaluations</a> ( <a href="https://q.utoronto.ca/courses/395569/assignments/1570187">https://q.utoronto.ca/courses/395569/assignments/1570187</a> )	due by 11:59pm
	 <a href="#">Active &amp; Continuous Participation</a> ( <a href="https://q.utoronto.ca/courses/395569/assignments/1570177">https://q.utoronto.ca/courses/395569/assignments/1570177</a> )	



Date

Details

Due



[Individual Contribution](#)

[Multiplier \(ICM\)](#)

<https://q.utoronto.ca/courses/395569/assignments/1570186>