

CSC301H1 S

Introduction to Software Engineering

Winter 2024 Syllabus

Course Meetings

CSC301H1 S

| Section | Day & Time | Delivery Mode & Location |
|---------|-----------------------------|--------------------------|
| LEC5101 | Thursday, 6:00 PM - 9:00 PM | Online Synchronous |

Refer to ACORN for the most up-to-date information about the location of the course meetings.

Course Contacts

Course Website: <https://q.utoronto.ca/courses/337246>

Instructor: David Jorjani

Email: david.jorjani@utoronto.ca

Phone: 6474741742

Office Hours and Location: Zoom: Thursdays 8-9pm and by appointment:
<https://utoronto.zoom.us/j/86044916174> Passcode: 894884

Course Overview

An introduction to agile development methods appropriate for medium-sized teams and rapidly-moving projects. Basic software development infrastructure; requirements elicitation and tracking; estimation and prioritization; teamwork skills; basic modeling; design patterns and refactoring; discussion of ethical issues, and professional responsibility.

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Course Learning Outcomes

Prerequisites: CSC209H1, CSC263H1/CSC265H1

Corequisites: None

Exclusions: CSC301H5, CSCC01H3. NOTE: Students not enrolled in the Computer Science Major or Specialist program at A&S, UTM, or UTSC, or the Data Science Specialist at A&S, are limited to a maximum of 1.5 credits in 300-/400-level CSC/ECE courses.

Recommended Preparation: None

Credit Value: 0.5

Course Materials

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](#), which we will refer to with specific topics in relevant classes.

Marking Scheme

| Assessment | Percent | Details | Due Date |
|------------------------|---------|---------|------------------|
| Course Quiz | 2% | | 2024-01-22 |
| Assignment 1 | 2% | | 2024-01-22 |
| Assignment 2 | 5% | | 2024-03-17 |
| Deliverable 1 | 16% | | 2024-01-26 |
| Deliverable 2 | 16% | | 2024-02-16 |
| Deliverable 3 | 18% | | 2024-03-08 |
| Team Check-in | 1% | | 2024-03-10 |
| Deliverable 4 | 20% | | 2024-03-29 |
| Deliverable 5 | 14% | | 2024-04-05 |
| End of term reflection | 1% | | 2024-04-05 |
| Participation | 5% | | No Specific Date |

Most of the work is assessed through team project (deliverables) and each student is consequently graded separately for their impact on the overall team result.

Late Assessment Submissions Policy

10% per day for each coursework.

Policies & Statements

Students with Disabilities or Accommodation Requirements

Students with diverse learning styles and needs are welcome in this course. If you have an acute or ongoing disability issue or accommodation need, you should register with Accessibility Services (AS) at the beginning of the academic year by visiting <https://studentlife.utoronto.ca/departments/accessibility-services/>. Without registration, you will not be able to verify your situation with your instructors, and instructors will not be advised about your accommodation needs. AS will assess your situation, develop an accommodation plan with you, and support you in requesting accommodation for your course work. Remember that the process of accommodation is private: AS will not share details of your needs or condition with any instructor, and your instructors will not reveal that you are registered with AS.

Academic Integrity

All suspected cases of academic dishonesty will be investigated following procedures outlined in the [Code of Behaviour on Academic Matters \(https://governingcouncil.utoronto.ca/secretariat/policies/code-behaviour-academic-matters-july-1-2019\)](https://governingcouncil.utoronto.ca/secretariat/policies/code-behaviour-academic-matters-july-1-2019). If you have questions or concerns about what constitutes appropriate academic behaviour or appropriate research and citation methods, please reach out to me. Note that you are expected to seek out additional information on academic integrity from me or from other institutional resources. For example, to learn more about how to cite and use source material appropriately and for other writing support, see the U of T writing support website at <http://www.writing.utoronto.ca>. Consult the Code of Behaviour on Academic Matters for a complete outline of the University's policy and expectations. For more information, please see [A&S Student Academic Integrity \(https://www.artsci.utoronto.ca/current/academic-advising-and-support/student-academic-integrity\)](https://www.artsci.utoronto.ca/current/academic-advising-and-support/student-academic-integrity) and the [University of Toronto Website on Academic Integrity \(https://www.academicintegrity.utoronto.ca\)](https://www.academicintegrity.utoronto.ca).

Quercus Info (if using)

This Course uses the University's learning management system, Quercus, to post information about the course. This includes posting readings and other materials required to complete class activities and course assignments, as well as sharing important announcements and updates. New information and resources will be posted regularly as we move through the term. To access the course website, go to the U of T Quercus log-in page at <https://q.utoronto.ca>. SPECIAL NOTE ABOUT GRADES POSTED ONLINE: Please also note that any grades posted are for your information only, so you can view and track your progress through the course. No grades are considered official, including any posted in Quercus at any point in the term, until they have been formally approved and posted on ACORN at the end of the course. Please contact me as soon as possible if you think there is an error in any grade posted on Quercus.