Welcome to CSC148!

For all course announcements, please check the discussion board regularly.

Frequent Links

- Quercus: for access to weekly preps (the “comprehension” quiz) and grades for the respective Quercus prep quizzes.
- Discussion Board (Piazza): for course-related discussions, announcements, questions and clarifications on assignments, preps, labs, tests, etc.
- MarkUs: for submissions of assignments, and for the weekly preps (the “synthesize” part).

Weekly Resources

In the table below, you’ll find links to the prep exercises, lecture and lab handouts, and readings and resources for each week.

Content	**Week 1** (Jan 6) Python memory model Function design recipe Testing and debugging
Resources & Readings **Reminders**	Prep 1 **Due on Jan 8, 9am!**
	CSC148 Course Syllabus CSC148 Software Guide 1.1, 1.2, 1.3, 1.4, Before Friday’s lecture: 1.5 1.6 1.7 Python Data Model (advanced)
Content	**Week 2** (Jan 13) Object-oriented programming Mechanics of classes in Python Designing classes
Resources & Readings	Prep 2
Reminders	

	2.1, 2.2, 2.3 Class Design Recipe
Content	**Week 3** (Jan 20) Inheritance and abstraction
Resources & Readings	Prep 3
Reminders	
	2.4, 2.5, 2.6, 2.7
Content	**Week 4** (Jan 27) Abstract Data Types Stacks and Queues Efficiency and Big-Oh
Resources & Readings	Prep 4
Reminders	
	3.1, 3.2, 3.3, 3.4 (advanced) Python list implementation
Content	**Week 5** (Feb 3) Linked Lists
Resources & Readings	Prep 5
Reminders	
	4.1, 4.2, 4.3, 4.4
Content	**Week 6** (Feb 10) Recursion
Resources & Readings	Prep 6
Reminders	

	5.1, 5.2
Content	**READING WEEK!** (Feb 17-21)
Content	**Week 7** (Feb 24) **Midterm on Monday, Feb 24, 7-9pm!**
Resources & Readings	No prep
Reminders	
Content	**Week 8** (Mar 3) Trees Mutating Trees
Resources & Readings	Prep 8
Reminders	
	6.1, 6.2, 6.3
Content	**Week 9** (Mar 10) Binary Search Trees Efficiency of BSTs
Resources & Readings	Prep 9
Reminders	
	6.4, 6.5, 6.6, 6.7
Content	**Week 10** (Mar 17) Expression Trees
Resources & Readings	Prep 10
Reminders	

	No lab.
	6.8
Content	**Week 11** (Mar 24) Sorting and efficiency
Resources & Readings	Prep 11
Reminders	
	7.1, 7.2 Extra resources:
Content	**Week 12** (Mar 31) Wrapping up sorting complexity Recursion reminders More complexity examples Wrap-up and exam review **Final lecture on Friday, Apr 4!**
Resources &	
Reminders	

Mathematical & Computational Sciences
UNIVERSITY OF TORONTO
MISSISSAUGA

For general course-related questions, please use the discussion board.
For individual questions, accommodations, etc., please contact
the **csc148h5-2025-instructors at cs.toronto.edu** email.
Make sure to include CSC148 in the subject, and to
state your name and UtorID in the email body.