

APS 101 : Computer Programming



Professor Hojjat Ghaderi

Welcome to APS101!

- My name is **Hojjat Ghaderi**.
- APS 101:
 - teaches the basics of programming in Java, and
 - is intended for students with little or no programming experience
 - motivation: important concepts you learn: need it for more advanced courses
- 3 lecture hours per week
- 2-hour closed lab each week (starting next week?)
- weekly tutorials

Course Website

The course has a website, and it is required reading.
Access through:.

`https://portal.utoronto.ca`

The course website contains important information:

- assignment handouts,
- announcements,
- lab handouts,
- and more.

Announcements on Website

You are responsible for reading:

- Course webpage, specially:
- Announcements, and
- all assignment announcements (on the Assignments page).

What to Buy

The following is the required textbook for this course:

1. *Multimedia Introduction to Programming Using Java* by Gries&Gries available at the U of T bookstore in the Koffler Centre. This text comes with ProgramLive, a CD containing narration and animation teaching Java. You will need this serial number to run ProgramLive:

U3H5VJJ4.

Marking scheme

Work	Weight	Comment
Quizzes	7%	during tutorial/lecture
Labs (10)	10%	Each lab is worth 1%.
Assignments (3)	25%	A1: 7%; A2: 9%; A3: 9%.
Midterm	15%	50-minute in week 6 lecture.
Final exam	43%	

Assignments

- Assignment handouts will be posted on the course web site.
- Due on Wednesdays by 9am (sharp).
- Assignments are submitted electronically (instructions will be available on the course website and you will practice submitting during an upcoming lab).
- No late assignment will be accepted. These rules may be relaxed in case of serious medical emergencies: If you find yourself in that kind of difficulty, please contact your instructor **as soon as possible** – even before you can return to classes.

Tutorials

There will be weekly tutorials **Tuesdays 3-4pm in WB342**. One of the TAs will discuss course material, assignments, quizzes, and answer your questions. Note that quizzes will be administered during tutorials.

There will be no tutorial during first week of the classes.

- **Quizzes:** There will be quizzes administered at the beginning of some of the tutorials or during some lectures. The questions will mainly focus on most recent lectures (e.g. past 2 weeks). So, come prepared to the tutorials and lectures.

Labs

- There are 10 labs.
- Labs are on Wednesdays 10:00-12:00. There are 10 labs.
- There are two lab rooms: SF1106 and SF1012. See the course website for which lab room you have been assigned to.
- Each week there is an in-lab exercise that you will work on with a partner. To earn the mark for a lab, you must arrive on time, work hard, and pay attention for the two hours of the lab. There will be no lab during first week of the classes.
- Labs start next week.

Academic Offences

All of the work you submit must be your own and your work must not be submitted by someone else.

The department uses software that compares Java programs for evidence of similar code.

Guidelines to avoid plagiarism:

- Never look at another student's assignment solution, whether it is on paper or on the computer screen.
- Never show another student your assignment solution.
- This applies to all drafts of a solution and to incomplete solutions.
- Only discuss the assignment with the course TAs and your instructor.

Term Schedule (Tentative)

- Labs: during weekly lab timeslot
- Quizzes: during tutorilas or lectures
- Assignment 1: due Feb 6
- Midterm: Week 6 in lecture timeslot
- Reading Week: February 18-22
- Assignment 2: due Mar 12
- Assignment 3: due Apr 9
- Final exam: during exams period.

Teaching Assistants (TAs)

- Your TAs are Electrical and Computer Engineering graduate students.
- TAs will lead the labs.
- Some TAs will hold office hours (schedule will be posted on the course website).
- The TAs will mark some of your assignments, midterms, and exams.
- Please **do not** contact your TAs **outside** of office hours (in person, by email or by phone).

Getting Help

- Closed Labs (led by your TA)
- Weekly Tutorials
- TA Office Hours (time and location TBD)
- Instructor Office Hours (in BA 2200):
M 3-4pm, R 4-5pm
- Online Bulletin Board
- Email: hojjat@cdf.toronto.edu (only for for personal issues, such as illness or missed work).

"to do" list

- Get the book.
- Read the course information sheet and check out the course website.
- Get a Clicker if you don't have already one.
- Find out your ECF username, and go to a lab room and make sure you can log in.
- Login to the online bulletin board and practice posting a message.
- If you plan on working on your laptop or home computer, install Java, DrJava, and JUnit.

Feeling overwhelmed?

- Don't worry! This is definitely information overload. :)
- I'll post these slides on the course website under "Lectures".
- I'll repeat some of this information again this week and I'll make announcements about important deadlines in lecture throughout the term.
- If you have any questions, please drop by my office during office hours.

Any questions?