CSCI101-001

Syllabus

DR. Nader Nassar

About me

Dr. Nader Nassar

- Adjunct Professor, Courant Institute of Mathematical Sciences
- Director of Identity Services Engineering, 

- STSM, Solution Architect, Technical Owner, Mentor, Technical Advisor, Thought leader, Public speaker, Author, Researcher.
- Master Inventor

https://www.linkedin.com/in/nadernassar

Office Hours

- Office hour: *By Appointment*
  - Thursday. 6:00- 7:00- PM ET
  - Zoom link: https://nyu.zoom.us/my/nader
- Please send a note for appointment
  - nnassar@nyu.edu

Class details

Syllabus, slides, assignments and resources will be listed on NYU Classes

Textbook: Introduction to Java Programming, Brief Version, 11th Edition
Author: Daniel Liang
SBN-13: 978-0134611037
ISBN-10: 0134611039

Assignments

- ~9 Weekly Assignment, 100 points each, Assignments will be listed on NYU Classes.
- You may turn in homework up to 3 days late, with a penalty of 5 points (=5%) each day.
- Coding assignment must compile and run.
- Assignments later than 3 days, or don't compile **will be given no credits**
- NYU Classes is the only platform where you submit your assignments.
- Emailed assignments will be auto discarded

Quizzes

- 3 quizzes along the semester
- Usually, they will cover everything taught till the current topic/chapter
- Will be announced ahead of time

Class Schedule

Session	Date	Topic	Comments
1	Wednesday, September 6, 2023	Intro to the class; first Java program;(Chapter 1)	Assignment1
2	Monday, September 11, 2023	Elementary programming (Chapter 2)	
3	Wednesday, September 13, 2023	Selection structures (Chapter 3)	Assignment 2
4	Monday, September 18, 2023	Math functions, characters and strings (Chapter 4)	
5	Wednesday, September 20, 2023	Repetition structures (Chapter 5)	
6	Monday, September 25, 2023	Methods (Chapter 6)	Assignment 3
7	Wednesday, September 27, 2023	More on methods (Chapter 6)	
8	Monday, October 2, 2023	1D arrays (Chapter 7)	Quiz 1
9	Wednesday, October 4, 2023	More on arrays (Chapter 7)	
	Monday, October 9, 2023	NO CLASS Monday: Meet on Tuesday' 10/10, Multidimensional arrays (Chapter 8)	
10	Wednesday, October 11, 2023	Multidimensional arrays (Chapter 8)	
	Monday, October 16, 2023	Midterm exam review	
	Wednesday, October 18, 2023	Midterm exam	
11	Monday, October 23, 2023	Objects and Classes (Chapter 9)	
12	Wednesday, October 25, 2023	Objects and Classes (Chapter 9)	Assignment 4
13	Monday, October 30, 2023	Object-Oriented Thinking (Chapter 10)	
14	Wednesday, November 1, 2023	Object-Oriented Thinking (Chapter 10)	Quiz 2
15	Monday, November 6, 2023	Inheritance and Polymorphism (Chapter 11)	
16	Wednesday, November 8, 2023	Inheritance and Polymorphism (Chapter 11)	Assignment 5
17	Monday, November 13, 2023	Exception Handling and I/O (Chapter 12)	
18	Wednesday, November 15, 2023	Exception Handling and I/O (Chapter 12)	Assignment 6
19	Monday, November 20, 2023	Abstract Classes and Interfaces (Chapter 13)	
	Wednesday, November 22, 2023	NO CLASS Fall break	
20	Monday, November 27, 2023	IO	Assignment 7
20	Wednesday, November 29, 2023	Abstract Classes and Interfaces (Chapter 13)	
22	Monday, December 4, 2023	Abstract Classes and Interfaces (Chapter 13)	Assignment 8
23	Wednesday, December 6, 2023	Recursion (Chapter 18)	Quiz 3
24	Monday, December 11, 2023	Processing	
25	Wednesday, December 13, 2023	Final review; Q&A for the first exam.	
26	DATE:TBD	Final exam	LOC: TBD

Grading

Grade distribution

- Assignments === 25%
- Attendance & Participation === 5%
- Quizzes (3 x 5%) === 15%
- Midterm === 25%
- Final Exam === 30%

Grading Schema

Grade	Score
A-, A	90-94%, 95-100%
B-, B, B+	80-83%, 84-87%, 88-89%
C-, C, C+	70-73%, 74-77%, 78-79%
D-, D, D+	60-63%, 64-66%, 68-69%
F	0–59%

Lab Tutors

There will be tutoring sessions both online and in-person,
Tutoring will be in ET times
The tutors will help the students

(1) To answer conceptual questions
(2) Navigate through their homework (but NOT solve their homeworks from a to z)"

The tutoring sessions start on ***To Be Announced***

- Tutors can not solve homework problems for you. But help you understand a concept or identify why the code is not functioning.
- Before you come to me with any problem, make sure you try the tutoring lab first.
- If you come with a problem, you have to show me the work you have done first.
- Report to me any issue you might face in the the tutoring lab.

Expectations of you

- Come to class!
  - (I know it's super early)
  - **The class will get harder.** Especially the second half, and everything builds on previous topics
  - You can ask questions, get help, the book will make more sense
  - Come to office hours or see the tutors if things aren't making sense. Don't fall behind - it'll be hard to catch up
- **Read the Book! The students who do well in the class stay on top of the reading**
- Participate!
  - It'll be more fun, promise
  - You'll stay awake
  - It might help your grade…


Happy
Coding!