**New York University Tandon School of Engineering**

Computer Science

CS1122 Introduction to Computer Science

**Spring 2021**

**Professor Eugene Callahan**

Fridays 9:00 AM – 10:50 AM

To contact professor: [email address]

Office hours: [Day(s) of Week] [Time of Day] or by appointment

Course Pre-requisites

* CS-UY 1114
* First year computer science student

Course Description [The course -- what it is, the purpose, and how it fits into the program or supports other courses, needs, etc.]

This is a breadth-first course that introduces computer-science majors to several subdisciplines in the computer-science field. The course is built around the theme that computer science is the study of algorithms and includes much more than programming. The course introduces hardware, virtual machines, software, applications and social issues in computing.

Course Objectives [Four to six objectives - what you want students to accomplish in this course]

Course Structure

[For example, lectures, discussion, recitations, labs, course readings, case studies, fieldwork, etc.]

Readings

The required text for the course is: [Full citation for book(s)]

An optional and recommended text is: [Full citation for book(s)]

[Location of books and readings - for example NYU bookstore, Dibner, Dibner reserves, Dibner electronic journals, etc.]

[Optional: List of journals, databases, and resources that students in the major might find interesting/useful]

Grade Calculation

[Percentage applied to midterm, final exam, assignments, projects, attendance and other]

Course requirements

[Description of expected course participation - for example, reading before class, class participation, attendance, assignments, exams, other requirements]

[Name of Assignment or Exam 1] [Date due] [Percentage of final grade]

[Brief description of assignment/exam, including number of pages, purpose, content, format required]

[Name of Assignment or Exam 2] [Date due] [Percentage of final grade]

[Brief description of assignment/exam, including number of pages, purpose, content, format required]

[Name of Assignment or Exam 3] [Date due] [Percentage of final grade]

[Brief description of assignment/exam, including number of pages, purpose, content, format required]

**Part I: [Topic of first part of the course, if applicable]**

[Date] Topic of Class 1

* [Reading 1]
* [Reading 2]

[Date] Topic of Class 2

* [Reading 1]
* [Reading 2]

[Date] Topic of Class 3

* [Reading 1]
* [Reading 2]
* [Name of assignment that is due]

**Part II: [Topic of second part of the course, if applicable]**

[Date] Topic of Class 4

* [Reading 1]
* [Reading 2]

[Date] Topic of Class 5

* [Reading 1]
* [Reading 2]
* [Reading 3]

[Date] Topic of Class 6

* [Reading 1]
* [Reading 2]
* [Name of assignment that is due]

**[Date] [Exam]**

[Date] Topic of Class 7

* [Reading 1]
* [Reading 2]

[Date] Topic of Class 8

* [Reading 1]
* [Reading 2]

[Date] Topic of Class 9

* [Reading 1]
* [Reading 2]

[Date] Topic of Class 10

* [Reading 1]
* [Reading 2]

[Date] Topic of Class 11

* [Reading 1]
* [Reading 2]

[Date] Topic of Class 12

* [Reading 1]
* [Reading 2]

[Date] Topic of Class 13

* [Reading 1]
* [Reading 2]

[Date] Topic of Class 14

* [Reading 1]
* [Reading 2]

**[Date] [Final Assignment Due]**

**Moses Center Statement of Disability**

If you are student with a disability who is requesting accommodations, please contact New York University’s Moses Center for Students with Disabilities (CSD) at [212-998-4980](tel:212-998-4980) or [mosescsd@nyu.edu](mailto:mosescsd@nyu.edu). You must be registered with CSD to receive accommodations. Information about the Moses Center can be found at [www.nyu.edu/csd](http://www.nyu.edu/csd). The Moses Center is located at 726 Broadway on the 3rd floor.

**NYU School of Engineering Policies and Procedures on Academic Misconduct – complete Student Code of Conduct** [**here**](https://engineering.nyu.edu/campus-and-community/student-life/office-student-affairs/policies/student-code-conduct)

* + 1. Introduction: The School of Engineering encourages academic excellence in an environment that promotes honesty, integrity, and fairness, and students at the School of Engineering are expected to exhibit those qualities in their academic work. It is through the process of submitting their own work and receiving honest feedback on that work that students may progress academically. Any act of academic dishonesty is seen as an attack upon the School and will not be tolerated. Furthermore, those who breach the School’s rules on academic integrity will be sanctioned under this Policy. Students are responsible for familiarizing themselves with the School’s Policy on Academic Misconduct.
    2. Definition: Academic dishonesty may include misrepresentation, deception, dishonesty, or any act of falsification committed by a student to influence a grade or other academic evaluation. Academic dishonesty also includes intentionally damaging the academic work of others or assisting other students in acts of dishonesty. Common examples of academically dishonest behavior include, but are not limited to, the following:
       - 1. Cheating: intentionally using or attempting to use unauthorized notes, books, electronic media, or electronic communications in an exam; talking with fellow students or looking at another person’s work during an exam; submitting work prepared in advance for an in-class examination; having someone take an exam for you or taking an exam for someone else; violating other rules governing the administration of examinations.
         2. Fabrication: including but not limited to, falsifying experimental data and/or citations.
         3. Plagiarism: intentionally or knowingly representing the words or ideas of another as one’s own in any academic exercise; failure to attribute direct quotations, paraphrases, or borrowed facts or information.
         4. Unauthorized collaboration: working together on work meant to be done individually.
         5. Duplicating work: presenting for grading the same work for more than one project or in more than one class, unless express and prior permission has been received from the course instructor(s) or research adviser involved.
         6. Forgery: altering any academic document, including, but not limited to, academic records, admissions materials, or medical excuses.

**NYU School of Engineering Policies and Procedures on Excused Absences – complete policy** [**here**](https://engineering.nyu.edu/campus-and-community/student-life/office-student-affairs/policies#chapter-id-30199)

1. Introduction: An absence can be excused if you have missed no more than **10 days of school**. If an illness or special circumstance has caused you to miss more than two weeks of school, please refer to the section labeled Medical Leave of Absence.
2. Students may request special accommodations for an absence to be excused in the following cases:
   1. Medical reasons
   2. Death in immediate family
   3. Personal qualified emergencies (documentation must be provided)
   4. Religious Expression or Practice

Deanna Rayment, [deanna.rayment@nyu.edu](mailto:deanna.rayment@nyu.edu), is the Coordinator of Student Advocacy, Compliance and Student Affairs and handles excused absences. She is located in 5 MTC, LC240C and can assist you should it become necessary.

**NYU School of Engineering Academic Calendar – complete list** [**here**](https://www.nyu.edu/registrar/calendars/university-academic-calendar.html#1198)**.**

The last day of the final exam period is \_\_\_\_\_. Final exam dates for undergraduate courses will not be determined until later in the semester. Final exams for graduate courses will be held on the last day of class during the week of \_\_\_\_\_. If you have two final exams at the same time, report the conflict to your professors as soon as possible. Do not make any travel plans until the exam schedule is finalized.

Also, please pay attention to notable dates such as Add/Drop, Withdrawal, etc.For confirmation of dates or further information, please contact Susana: [sgarcia@nyu.edu](mailto:sgarcia@nyu.edu)