CISC. 2210 - TR2: “Introduction to Discrete Structures”

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Spring 2022, Tuesdays and Thursdays 2:15pm–3:30pm
[http://www.sci.brooklyn.cuny.edu/~amotz/TR2discretemath.html](http://www.sci.brooklyn.cuny.edu/~amotz/TR2discretemath.html)

Classes:

- We meet twice a week on Tuesdays and Thursdays 2:15pm–3:30pm in room Ingersoll 3143.
- If the in-person classes are canceled, we meet via Zoom on the same days and times.
- In each 75-minute class, a slide-based lecture coupled with Internet videos will be presented. The slides will be posted on the course website.
- There will be Zoom sessions in parallel to the in-person classes, however, the Zoom sessions will not be recorded.

Attendance:

- Except for the first two classes and the exams (not quizzes), attendance is not mandatory.
- Students who attend the in-person classes will be awarded a grade of 100 that will be worth up to 5% of their final grade depending on the number of attended in-person classes.

Communication with the instructor:

- Announcements will be broadcast using the Brooklyn College WebCentral (or CUNYFirst). Students should make sure that the system has their preferred email address.
- Course material (lectures, assignments, announcements, etc.) will be posted on the course website.
  [http://www.sci.brooklyn.cuny.edu/~amotz/TR2discretemath.html](http://www.sci.brooklyn.cuny.edu/~amotz/TR2discretemath.html)
- Office hours will be on Thursdays 15 minutes after the end of the class starting at 3:45pm.
- Students may email questions to amotz.CUNY+2210S22TR2@gmail.com. Emails sent to my other email addresses will be ignored.
Online procedure:

- The zoom link for this semester is https://us02web.zoom.us/j/88119834156?pwd=QTVVMSTNRbFBmS0NBK2ttRnNjNDNDdz09
- Students must join the class prior to the start time, otherwise, you risk not being admitted.
- During zoom classes all students are expected to be muted unless I specifically request a verbal response.
- During zoom classes, students may ask questions using the chat option.
- During zoom classes, students are encouraged to turn their camera on.

Assignments:

- During the semester, there will be reading assignments to help students be better prepared for future topics and writing assignments for students to practice topics covered in previous classes.
- The due dates for the writing assignments will be class dates. Students may submit a written assignment before or after the class or submit a scanned version as a PDF attachment to amotz.CUNY+2210S22TR2@gmail.com.
- Assignments will be graded with a Pass-Fail grade. After the due date, detailed solutions will be posted on the course website.
- Students should try their best to do the assignments alone and get help only if necessary. However, students must understand everything they write and must be ready to explain to me what they wrote.

Exams and Quizzes:

- The tentative date, time, and room for the final exam is ???
- Both midterm exams will be taken during class sessions on the dates that appear in the course schedule.
- The number of quizzes I will give has not been yet determined. Some quizzes will be announced ahead of time and some will be surprise quizzes.
- Exams and quizzes will be fully and accurately graded, and detailed solutions will be posted.
- Answer a question in an exam, in a quiz, or in an assignment, only within the given space for the answer, using legible handwriting for exams and quizzes, and typed text for assignments.
- Students will get 20% of the credit if they leave the answer blank and no credit for a wrong answer.
Project:

- The project is “open ended” and as such there will be no instructions of what to do although I will offer a few examples to illustrate the types of projects that would qualify.
- Submitting a project is not mandatory, however it is a great opportunity for students to boost their final grade.
- The deadline will be about two weeks before the final exam. This is a firm deadline; there will be no exceptions.

Final grade: Your final grade will be composed of the following components:

* 15% – 20% for the first midterm exam.
* 15% – 20% for the second midterm exam.
* 0% – 20% for the quizzes.
* 0% – 10% for the assignments.
* 0% – 15% for the project.
* 0% – 5% for attendance.
* 10% – 70% for the final exam.

Remarks:

- Quizzes are not mandatory and students may skip them or decide not to submit them. The grade of a quiz counts only if it is higher than the final exam grade.
- There will be nine writing assignments. Each submitted assignment counts 1% and will earn a grade of 100 toward the final grade. Students who submit all assignments will earn a grade of 100 toward 10% of their final grade.
- You lose nothing by trying to complete an approved project. Each completed and submitted project will earn a grade of 100. For those whose projects are outstanding the project will count as much as 15% toward the final grade. On the other hand, if a project fails to meet minimum standards the percentage could be zero.
- The percentage allocated to the final exam depends on the number of quizzes taken, the number of assignments submitted, the scope of the project, and attendance.
Honor code:

- Students are expected to do all the exams, quizzes, and project by themselves without any external help from other people, the Internet, or books and notes unless stated otherwise.

- Cheaters will be punished severely. At minimum, they will fail the specific exam or quiz, but they may fail the whole class.

- In addition, students who cheat risk disciplinary measures as stated in the CUNY policy on Academic Integrity:

  Academic Dishonesty is prohibited in the City University of New York and is punishable by penalties, including failing grades, suspension, and expulsion, as provided herein.