CONCORDIA UNIVERSITY   DEPARTMENT OF COMPUTER SCIENCE AND SOFTWARE ENGINEERING

COMP 6661	Combinatorial Algorithms	Winter 2023

Course Outline

Instructor: Hovhannes Harutyunyan, office: ER 1133, email: haruty@cs.concordia.ca
Classes: Wednesday 17:45 - 20:15, room MB 3.255

Course Description: Representation and generation of combinatorial objects; search techniques; counting and estimation. Projects on selected applications from combinatorics and graph theory.

Textbook: No textbook. The lectures will be given in class. Most of the lecture notes, slides and research papers will be posted.

Course website: Please regularly consult the course website for supplementary material, assignments, important dates, and other information about the course.

Attendance: Students are responsible for making themselves acquainted with all materials presented in lectures and assigned for reading.

Assignments: Assignments must be submitted on Moodle

Marking Scheme:
Assignments - 20%
Project - 40% (week 12 and 13)
Exam - 40% (week 10 or 11)

Disclaimer: In the event of extraordinary circumstances beyond the University's control, the content and/or evaluation scheme in this course is subject to change.