COMP 360, Winter 2025

Session:	Winter 2025	**Time:**	Wednesday-Friday 2:35 – 3:55 PM
Room:	McConnell Engineering Building 204	**Web:**	`http://www.cs.mcgill.ca/~hatami/comp`

Instructor

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Office Hours:	Wednesday and Friday 11:00 AM – 12:00 PM		

Teaching Assistants

See `http://www.cs.mcgill.ca/~hatami/comp360-W2025`

Evaluation

- **Homeworks:** 15%
- **Midterms:** 15%
- **Final:** 70%

Course Description

We will cover the following topics:

- Network flows
- Linear programming
- NP-completeness
- Approximation algorithms
- Randomized algorithms

Textbook

I will provide notes for the course. For additional reading, refer to the optional textbook:

Jon Kleinberg and **Eva Tardos**, *Algorithm Design*, Pearson Education (2006).

Prerequisite

COMP 251 or COMP 252, and either **MATH 240**, **MATH 235**, or **MATH 363**.
Restrictions: Not open to students who have taken or are taking COMP 360.

Assignments

There will be 5 assignments, each worth 3% toward your overall grade.

Academic Integrity

McGill University values academic integrity. Therefore, all students must understand the meaning and consequences of cheating, plagiarism, and other academic offenses under the Code of Student Conduct and Disciplinary Procedures (see `http://www.mcgill.ca/integrity` for more information). Most importantly, work submitted for this course must represent your own efforts. Copying assignments or tests from any source, completely or partially, or allowing others to copy your work, will not be tolerated.

Submission of Written Work in French

In accordance with McGill University's Charter of Students' Rights, students in this course have the right to submit in English or in French any written work that is to be graded.