

Algorithmic Design

Lectures. Tuesday/Thursday 1.00-2.30pm in Strathcona Anatomy and Dentistry Building Room M-1

Tutorial: Wednesday 5.30-6.30pm in Burnside Bldg Room 1B39.

Instructor. Adrian Vetta (Burnside Room 1118): adrian.vetta@mcgill.ca

Teaching Assistants.

- Vishnu Narayan (McConnell Room 306): vishnu.narayan@mail.mcgill.ca
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Office Hours.

- Vishnu Narayan: *Monday 3.30-5.00pm in McConnell Room 306.*
- Adrian Vetta: *Thursday 9.00-10.30am in Burnside Room 1118.*
- Mashbat Suzuki: *Friday 12.00-1.30pm in McConnell Room 306.*

Topics. Network Flows, Linear Programming, NP-Completeness, Approximation Algorithms, Heuristics, Randomized Algorithms.

Pre-Requisites. Comp 251 (or Comp 252) and Math 240 (or Math 235).

Course Textbook. *Algorithm Design* by Jon Kleinberg and Eva Tardos, Addison Wesley, 2006.

Recommended Lecture Notes. [Algorithms](#) by Jeff Erickson.

Grading Scheme. Assignments 20%, Midterm 20% and Final 60% (or Assignments 20% Final 80% if this leads to a better mark).

*** In the event of extraordinary circumstances beyond the University's control, the evaluation scheme in a Course is subject to change, provided that there be timely communications to the students regarding the change.**