Instructor: Dr. B. Yang, CW308.7, 306-585-4774, e-mail: boting.yang@uregina.ca

Lecture: Monday, Wednesday and Friday 11:30 am – 12:20 pm, CL 410. (Sept. 2 – Dec. 8)

Office hours: By appointment.


Prerequisites: CS 310 and 340

Grading scheme:

- 5 assignments, 30%
- 1 midterm exam, 30%
- 1 project, 40%

Important Dates:

- The midterm is on November 6 at 11:30 am – 12:20 pm.
- Submission deadline of the project report is December 14 at 11:59 pm.

Lecture outline:

Chapter 1. Algorithm Analysis
Chapter 5. Fundamental Techniques
Chapter 6. Graphs
Chapter 7. Weighted Graphs
Chapter 8. Network Flow and Matching
Chapter 9. Text Processing
Chapter 11. Network Algorithms
Chapter 12. Computational Geometry
Chapter 13. NP-Completeness
Chapter 14. Algorithmic Frameworks (as time permits)

Notes:

1. Please read the sections of the 2020-2021 University of Regina General Calendar dealing with Academic Regulations.
2. Due dates for assignment will be given with the assignment. The assignment is due at the start of class on the due date. All assignments should be submitted to UR courses. Late assignments are not accepted.

3. All assignments should contain your name, student number, and assignment number on the first page.

4. Keep your marked assignments and midterm to verify the grader mark entry.

5. CHEATING WILL NOT BE TOLERATED. Any close resemblances in the submitted code will be assumed to be the result of cheating. Copying of assignments or exams is plagiarism. Allowing your assignments or exams to be copied will be treated the same as copying. You are NOT allowed to work in groups on the assignments and the exams. THE CONSEQUENCE OF PLAGIARISM OR ANY OTHER FORM OF CHEATING MAY RANGE FROM A ZERO GRADE, TO FAILURE IN THE CLASS, TO EXPULSION FROM THE UNIVERSITY. Please note that the dean of the faculty will be informed of any such incident, as per university regulations. Refer to the section on Academic Misconduct and Penalties in the General University Calendar.