CS 3133 Foundations of Computer Science
A term 2016

Instructor: Gabor Sarkozy
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Office Hours: T 11:00-12:00, R 11:00-12:00
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Time: Lectures: M, T, R, F 10:00-10:50 in FL Lower Perrault Hall.
Text: There is one required textbook for this course, Languages and
machines, 3rd Edition by Thomas A. Sudkamp. The instructor may supply
additional materials to supplement the text.

Goals of the course: The course introduces the theoretical foundations
of computer science. These form the basis for a more complete understanding
of the proficiency in computer science. Topics include computational mod-
els, formal languages, parsing, and an introduction to computability and
complexity theory, including NP-completeness.

Expected background: Discrete structures (CS 2022) and algorithms
(CS 2223).

Specific requirements and grading: Each week (usually on Monday),
a homework assignment will be given. Each week’s homework is to be turned
in on Monday at the end of the class. Your average homework grade (dropping
the two lowest scores) plus class participation will count 1/3 of your
final grade.

You are encouraged to work in groups and talk to other students about
the problems. However, the work you hand in must be your own independent
write-up.

The other 2/3 of your final grade will be your two scores in:

- The mid-term exam (Tuesday, September 20), 1/3 of your final grade
  and
- The final exam (Thursday, October 13), 1/3 of your final grade.

There will be no surprise, quickie exams.

LATE WORK WILL NEVER BE ACCEPTED !!!!!!!!