

Automata, Computability, Formal Languages:
MATH 4660/8666 – 001

INSTRUCTOR: ANDRZEJ ROSLANOWSKI

Office: DSC 235
Phone: 554-3105 (office)
Email: roslanow@member.ams.org
URL: <http://www.unomaha.edu/logic>
Schedule:

	MON	TUE	WED	THU	FRI
10:00–10:50	MATH1950 (DSC 164)	MATH1950 (DSC 164)	MATH1950 (DSC 164)	MATH1950 (DSC 164)	MATH1950 (DSC 164)
11:00–12:00	OFFICE (DSC 235)	R & W (DSC 235)	OFFICE (DSC 235)	I am not available	OFFICE (DSC 235)
12:00–3:00	R & W (DSC 235)	R & W (DSC 235)	R & W (DSC 235)	I am not available	R & W (DSC 235)
4:00–5:15		MATH4660 (DSC 111)		MATH4660 (DSC 111)	

Office hours by appointment also possible.

TEXTBOOK:

Martin D. Davis, Ron Sigal, Elaine J. Weyuker. **Computability, Complexity, and Languages.** *Fundamentals of Theoretical Computer Science.* Morgan Kaufmann 1994.

ATTENDANCE:

Attendance is mandatory, and you are responsible for all assignments, activities and material covered every day. If you will be absent, you **must** notify the instructor prior to that day if arrangements are to be made to make up work or assignments. Make-up exams (midterms) may be given **only if you provide a proof of a legitimate absence and it is at the discretion of the instructor. No one is guaranteed a make-up due to absence.** There will be no make-up quizzes.

YOUR RESPONSIBILITIES:

Homework problems will be assigned regularly. The assignments will be posted at <http://www.unomaha.edu/logic/teaching/teaching.html> However, I will not collect solutions to homework assignments (instead, the problems from the assignments will be featured on weekly quizzes, see below). I will be expecting questions from your homework, and I will also be expecting that you have a general, preliminary understanding of the topics in the new section.

TESTS AND QUIZZES:

Each Thursday (except for the Test Thursdays and the first week of classes) a Quiz will be given. The Quizzes will consist of 2–5 problems chosen from those listed in homework assignments. Tentatively, there will be 11-12 quizzes. You will be informed in advance about the form of the quiz (open/close book, teamwork, etc) and the material covered.

There will be also two midterm exams. The Final Exam will be comprehensive.

CHEATING:

Any student caught cheating will receive an F for the course, and referral to the Dean of the College and/or Vice-Chancellor of Student Services for inclusion of the incident in your permanent records. This is regarded as a **very** serious matter.

GRADING:

There are 500 points available to you during the semester:

- Each Quiz will be worth 10 points but only 10 best quiz scores will be counted. Thus you may receive up to 100 points for the quizzes.
- The midterms will be worth 100 points each, and
- the Final Exam will be worth 200 points.

Letter grades will be assigned on the following basis:

A: > 95%	A-: 90–95%	B+: 85–90%
B: 80–85%	B-: 75–80%	C+: 70–75%
C: 63–70%	C-: 55–63%	D+: 50–55%
D: 45–50%	D-: 40–45%	F: below 40%

Accommodations are provided for students with verified disabilities. For more information contact Services for Students with disAbilities in EAB 117 or 554-2872, TTY 554-3799.