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Set Theory Syllabus

MHF 4102, Section 3276
 MHF 5107, Section 3277
 MWF 6th (12:50-1:40), Little 127
 Instructor: Douglas Cener

Office: 361 Little Hall, 294-2355
 Email: cener@ufl.edu
 Internet: www.people.clas.cener
 Office Hours: M 7th W 3d, F 4th, and by appointment.

Prerequisites: MHF 2302 (Sets and Logic) or equivalent
 Text: Notes

Topics: Review of sets, relations and functions;
 the language and axioms of set theory;
 construction of the rational and real number systems;
 ordinal and cardinal numbers;
 models of set theory;
 the Axiom of Choice and its equivalents.

GRADING

Class Participation: 50
 Homework: 50
 Two Hour Exams: 50 points each, total: 100

Grading Scale:

A: 180-200 A-: 170-179 B+: 160-169 B: 140-159 B-: 130-139
 C+: 120-129 C: 100-119 C-: 90-99

Tentative dates:

Exam 1 — Friday, October 16
 Exam 2 — Monday, December 7

UF Policies:

Information on current UF grading policies for assigning grade points can be found [here](#).

Requirements for class attendance, make-up exams, assignments and other work in this course are consistent with university policies that can be found [here](#).

University Policy on Accommodating Students with Disabilities: Students requesting accommodation for disabilities must first register with the Disability Resource Center. Once registered, students will receive an accommodation letter which must be presented to the instructor when requesting accommodation. Students with disabilities should follow this procedure as early as possible in the semester.

University Policy on Academic Misconduct: Academic honesty and integrity are fundamental values of the University community. Students should be sure that they understand the Honor Code.

