

**MATH 3310/5310: INTRODUCTION TO MATHEMATICAL
LOGIC
SECTION 1, SPRING 2016**

Professor: Matthew Moore

Office: SC 1224

Office Hours: M 2pm – 5pm, and by appointment

E-Mail: matthew.moore@vanderbilt.edu

Course Website: www.math.vanderbilt.edu/~moorm10/logic/

Lecture Hours and Venue: MWF 11:10am – noon

Textbook: *Mathematical Logic* by Stephen Cole Kleene

Homework: Homework will be assigned every Monday and is due on the following Monday by the end of office hours (at 5pm). Homework will consist of problems from the book as well as “Additional Problems”. All homework can be found on the course website. A subset of the assigned problems will be graded based on correctness and clarity. You are allowed to work with others, but all work that you submit must be your own. Late homework will not be accepted. Your lowest two homework assignments will be dropped.

Quizzes: Every Friday at the start of class there will be a short quiz on the material covered since the previous Friday. Your lowest two quiz grades will be dropped.

Exams: There will be an exam on Monday, February 29th. The exam will consist of two parts: an in-class portion and a take-home portion. The take-home portion of the exam will be due the following Monday, and you may use any kind of non-human aid for this portion (though solutions must be fully self-contained). The final exam is on Monday, May 2 at 9:00am. The final exam will only consist of an in-class exam and will not have a take-home portion.

Course Grading: Your course grade will be calculated based on the breakdown below.

Homeworks	40%
Quizzes	20%
Exams (incl. final)	40%

Letter grades will be assigned as usual

Honor Code: All work submitted for credit must be the student’s own and is subject to the provisions of the Vanderbilt Honor Code. Details can be found at <http://studentorgs.vanderbilt.edu/HonorCouncil/>.

Accommodation Procedure: A student who needs course accommodations due to a disability, special arrangements in case the building must be evacuated, or has emergency medical information that needs to be shared with the instructor,

should contact the instructor as soon as possible. Equal Opportunity, Affirmative Action, and Disability Services (see <http://www.vanderbilt.edu/ead>) at Vanderbilt provides specific accommodations for students with physical or learning disabilities. Upon receiving appropriate documentation from the student, the Opportunity Development Center will make arrangements with the instructor for the accommodations.