Introduction to Logic (730:201:03)

1. **Instructor**: Professor Frances Egan
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Office hours: Mondays 4:30 – 6, and by appointment. (It is best to make an appointment even during office hours, so you don't have to wait.)

Sakai website: Course announcements, assignments, etc. will be posted on the course's Sakai website. Email notification of these postings will be sent to your RU email address.

2. **Required text**: Gustason, W. & Ulrich, D., *Elementary Symbolic Logic (2nd edition)*. Waveland Press.

3. **Course Description**: Introduction to deductive logic, including propositional and predicate logic. Emphasis on the basic concepts of logic, the proper interpretation of the logical apparatus of English, and techniques of symbolization and deductive proof.

Core Curriculum Learning Goal: This course meets learning goal 'x': 'Apply effective and efficient mathematical or other formal processes to reason and to solve problems.' Assessment will be by an SAS generic rubric embedded in the evaluation criteria laid out in this syllabus.

4. **Required coursework**: Final grades will be computed as follows:

mid-term exam	35%
final exam	40%
homework problem sets	25%

5. **Homework problem sets**: In addition to the assigned reading, there will be regular problem assignments. These will typically be assigned at the end of the class, and will be due promptly at the beginning of the next class. Given that homework makes up a significant portion of the final grade, **IT MUST BE ENTIRELY YOUR OWN WORK**. Copying or collaborating on homework will be considered a violation of academic integrity (see below).

6. **Final Exam**: Tuesday May10th, 12 – 2p.m. (per University schedule).

7. **Class Attendance**: Regular class attendance is essential to doing well in this course; hence, **class attendance is mandatory** and will be verified on a regular basis.

Students are expected to attend all classes. If you anticipate missing a class, please use the University's absence reporting website https://sims.rutgers.edu/ssra/ to report the date and reason for your absence. An email is automatically sent to me.

8. **Late Submissions and Make-up Exams:** Late submission of problem sets and make-up exams will be permitted only on prior permission of the instructor and then only with an acceptable excuse.

9. **Academic Integrity**: Violations of academic integrity (cheating on exams, copying or collaborating on homework, leaving class after signing attendance roster, etc.) will be dealt with strictly in accordance with published University policies.
http://academicintegrity.rutgers.edu/academic-integrity-policy/

10. **Syllabus**: We will follow the text closely, spending the first half of the course on sentential logic (chs. 1, 2.1 – 2.3, 3, 4.1) and the second half on predicate logic (5.1, 5.2, 6.1, 7.1, 7.2).