

Math for Liberal Arts Majors 2

MTWRF, 4th Period (1230-0145), LIT 223

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LIT 429
Office Hours: Wed, Thurs 11-class time

Course Description: The purpose of this course is to provide an understanding of the nature of mathematics and its uses, as well as satisfy the mathematics portion of the Gordon Rule. The course will loosely follow the text listed below. Topics covered will be logic and sets and mathematics and the arts.

Prerequisite(s): None.

Note(s): A minimum grade of C is required to fill the Gordon Rule requirements.

Credit Hours: 3

Text(s): *Using and Understanding Mathematics*, 6th Edition

Author(s): Bennett and Briggs

Grade Distribution (subject to change):

Assignments	40%
Paper	10%
Exams	50%

Letter Grade Distribution (subject to change):

≥ 86	A
70 - 85	B
55 - 69	C
40 - 54	D
≤ 39	E

Course Policies and Graded Work:

- **Attendance:** Attendance does not count towards grade, but it is recommended for successful completion of the course.
- **Assignments:** There will be weekly assignments during the first five weeks of the course, posted on the course page (instructor webpage).
- **Exams (dates subject to change):** There will be three exams during class, weighted

evenly. The exam dates will be every two weeks. The dates are 07 July, 21 July, and 04 August.

- **Paper:** The project will be a paper (not lengthy) on a topic of your choice, but require approval, involving mathematics. Topics, with a brief outline, must be submitted for approval by 19 July. The papers will be due 02 August.

Students with disabilities:

Students with disabilities requesting accommodations should first register with the Disability Resource Center (352-392-8565, www.dso.ufl.edu/drc/) by providing appropriate documentation. Once registered, students will receive an accommodation letter which must be presented to the instructor when requesting accommodation. Accommodation letters must be submitted to the instructor during the first two weeks of the semester.

Academic Honesty:

UF students are bound by The Honor Pledge which states, We, the members of the University of Florida community, pledge to hold ourselves and our peers to the highest standards of honor and integrity by abiding by the Honor Code. On all work submitted for credit by students at the University of Florida, the following pledge is either required or implied: On my honor, I have neither given nor received unauthorized aid in doing this assignment. The Honor Code (<http://www.dso.ufl.edu/sccr/process/student-conduct-honor-code/>) specifies a number of behaviors that are in violation of this code and the possible sanctions. Furthermore, you are obligated to report any condition that facilitates academic misconduct to appropriate personnel.

Tentative Course Outline:

The weekly coverage might change as it depends on the progress of the class.

Week	Content
Week 1	<ul style="list-style-type: none">• Propositional logic• First-order logic• Homework 1 due
Week 2	<ul style="list-style-type: none">• First-order logic• Sets• Exam 1, Homework 2 due
Week 3	<ul style="list-style-type: none">• Sets• Mathematical structure• Homework 3 due
Week 4	<ul style="list-style-type: none">• Mathematical structure• Exam 2, Homework 4 due
Week 5	<ul style="list-style-type: none">• Mathematics and the arts• Pick topics for paper, Homework 5 due
Week 6	<ul style="list-style-type: none">• Mathematics and the arts• Exam 3, Paper due