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MAS4105

MHF3202

## MHF3202

### MHF3202 – Sets and Logic

**Instructor:** Zachary Hamaker

**Meetings:** MWF 11:45am-12:35pm

**Location:** 2 Matherly Hall

**Emails:** [zhamaker@ufl.edu](mailto:zhamaker@ufl.edu)

**Offices:** 430 Little Hall

**Main Text:** *Proof and the Art of Mathematics* by Joel David Hamkins

**Supplementary Texts:** *Book of Proof* by Richard Hammack (available free [online](#)) and *Logicomix: an Epic Quest for Truth* by Apostolos Doxiadis and Christos H. Papadimitriou

**Additional Support:** Our section and Dr. Bartosova's section are running concurrently. We will also have three student assistants (see more on Canvas).

**Grading:** Grades in this class will be out of 500 points:

midterms 50 x3 (150 total)

presentations 50

homework 20 x10 (200 total)

final 100

See more detailed information on Canvas. Grades will be computed on a scale no tougher than the 10-point scale: 90%–100% will be some form of A, 80–90% will be at least some form of B, etc. Grading will be in accord with the UF policy stated at <https://catalog.ufl.edu/ugrad/current/regulations/info/grades.aspx>.

**Important dates:** Midterms 9/17, 10/15, 11/19

### Additional information

**Honor code:** 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](#) 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. If you have any questions or concerns, please consult with the instructor.

**Class Attendance:** Attendance will not be monitored. Requirements for class attendance and make-up exams, assignments, and other work in this course are consistent with university policies that can be found at:

<https://catalog.ufl.edu/ugrad/current/regulations/info/attendance.aspx> .

**Accommodations for Students with Disabilities:** Students with disabilities requesting accommodations should first register with the Disability Resource Center (352-392-8565, <https://disability.ufl.edu> (Links to an external site.) ) by providing appropriate documentation. 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.

**Online Evaluations:** Students are expected to provide professional and respectful feedback on the quality of instruction in this course by completing course evaluations online via GatorEvals. Guidance on how to give feedback in a professional and respectful manner is available at <https://gatorevals.aa.ufl.edu/students/> (Links to an external site.) . Students will be notified when the evaluation period opens, and can complete evaluations through the email they receive from GatorEvals, in their Canvas course menu under GatorEvals, or via <https://ufl.bluera.com/ufl/> (Links to an external site.). Summaries of course evaluation results are available to students at <https://gatorevals.aa.ufl.edu/public-results/> (Links to an external site.)

**Complaints:** The official UF policy for filing a complaint about the course may be found [here](#) .

### Contact information for the Counseling and Wellness

**Center:** <http://www.counseling.ufl.edu/cwc/Default.aspx> , 392-1575; and the University Police Department: 392-1111 or 9-1-1 for emergencies.

**U Matter, We Care:** Your well-being is important to the University of Florida. The U Matter, We Care initiative is committed to creating a culture of care on our campus by encouraging members of our community to look out for one another and to reach out for help if a member of our community is in need. If you or a friend is in distress, please contact [umatter@ufl.edu](mailto:umatter@ufl.edu) so that the U Matter, We Care Team can reach out to the student in distress. A nighttime and weekend crisis counselor is available by phone at 352-392-1575. The U Matter, We Care Team can help connect students to the many other helping resources available including, but not limited to, Victim Advocates, Housing staff, and the Counseling

and Wellness Center. Please remember that asking for help is a sign of strength. In case of emergency, call 9-1-1.

**Department diversity statement:**

The Mathematics Department is committed to diversity and inclusion of all students. We acknowledge, respect, and value the diverse nature, background and perspective of students and believe that it furthers academic achievements

It is our intent to present materials and activities that are respectful of diversity: race, color, creed, gender, gender identity, sexual orientation, age, religious status, national origin, ethnicity, disability, socioeconomic status, and any other distinguishing qualities.

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