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Logic seminar

Teaching Fall 2022:
Calc 3, MAC2313

Teaching Fall 2022:
Sets and Logic
MHF3202

MHF3202 Fall 2022

Basic Information

Course: MHF3202, section 2787, course 16398

Instructor: Jindrich Zapletal, office LIT456, office hours MWF7, e-mail zapletal@ufl.edu

Meetings: MWF6 in LIT127

Textbook: required Joel David Hamkins, *Proof and the Art of Mathematics*, The MIT Press (2020), [website](#) and supplementary Richard Hammack, *Book of Proof* [website](#) and recommended Apostolos Doxiadis a Christos Papadimitriou, *Logicomix: An Epic Search for Truth*, Bloomsbury USA (2009) [website](#)

Course description

The course is an introduction to the concept of a rigorous mathematical proof. We will learn how to correctly formulate mathematical statements, distinguish between a definition, conjecture, theorem, and proof, and distinguish between correct and incorrect methods of mathematical deduction.

Course requirements and evaluations

Requirement # Pt/eachDetails

Assignments	1020	lowest grade dropped; once 3 days late ok, submitted on Canvas and due by 11:59pm on dates indicated.
Midterms	3 50	During the usual class meeting time, tentatively scheduled for 9/16, 10/14, 11/9.
Final exam	1 100	12/15/2022 @ 12:30 PM – 2:30 PM in LIT127
Group presentation	1 50	TBD

Assignments: There will be 10 assignments due on Tuesdays by 11:59pm on dates

indicated on Canvas in Assignments. Your work will be corrected directly there for you to see comments and your points will be recorded in Grades. The lowest score will be dropped and you can submit 3 days late once (that is, by Friday 11:59pm) without any reason. Otherwise, late submission will not be accepted unless there is a well documented reason to do so.

Exams: There will be 3 midterms during the usual class meeting time. The final exam is scheduled for 12/14/2022. The exams will be closed book and notes on paper. Make up exams need to be substantiated and will be considered on a case by case basis.

Group presentation: To be determined soon

Grades: The total number of points is 475. The grades will be distributed as follows: A above 93%, A- 90-92%, B+ 87-89%, B 83-86%, B- 80-82%, C+ 77-79%, C 73-76%, C- 70-72%, D+ 67-69%, D 63-66%, D- 60-62%, E, I, NG, WF 59% and below. For university grading policies see <https://catalog.ufl.edu/UGRD/academic-regulations/grades-grading-policies>.

Diversity, equity, and inclusion statement

It is my intent that students from all diverse backgrounds and perspectives be well served by this course, that students' learning needs be addressed both in and out of class, and that the diversity that students bring to this class be viewed as a resource, strength, and benefit. It is my intent to present materials and activities that are respectful of diversity: gender, sexuality, disability, age, socioeconomic status, ethnicity, race, religion, and culture. Your suggestions are encouraged and appreciated. Please let me know ways to improve the effectiveness of the course for you personally or for other students or student groups. In particular, I will gladly honor your request to address you by an alternate/ preferred name or gender pronoun. Please advise me of this preference early in the semester so I may make appropriate changes to our records.

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. [Click here to read the Honor Code](#). 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 in this class.

Class attendance

Requirements for class attendance and make-up exams, assignments, and other work in this course are consistent with university policies. [Click here to read the university attendance policies.](#)

Accommodations for students with disabilities

Students with disabilities who experience learning barriers and would like to request academic accommodations should connect with the disability Resource Center. [Click here to get started with the Disability Resource Center.](#) It is important for students to share their accommodation letter with their instructor and discuss their access needs, 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. [Click here for guidance on how to give feedback in a professional and respectful manner.](#) 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 ufl.bluera.com/ufl/. [Summaries of course evaluation results are available to students here.](#)

Complaints

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

Health and wellness

U Matter, We Care: If you or someone you know is in distress, please contact umatter@ufl.edu, 352-392-1575, or visit [U Matter, We Care website](#) to refer or report a concern and a team member will reach out to the student in distress.

Counseling and Wellness Center: Visit the [Counseling and Wellness Center website](#) or call 352-392-1575 for information on crisis services as well as non-crisis services.

Student Health Care Center: Call 352-392-1161 for 24/7 information to help you find the care you need, or visit the [Student Health Care Center website](#).

University Police Department: Visit [UF Police Department website](#) or call 352-392-1111 (or 9-1-1 for emergencies).

UF Health Shands Emergency Room / Trauma Center: For immediate medical care call 352-733-0111 or go to the emergency room at 1515 SW Archer Road,

Gainesville, FL 32608; Visit the [UF Health Emergency Room and Trauma Center website](#)

Academic resources

E-learning technical support: Contact the [UF Computing Help Desk](#) at 352-392-4357 or via e-mail at helpdesk@ufl.edu.

Career Connections Center: Reitz Union Suite 1300, 352-392-1601. Career assistance and counseling services.

Library Support: Various ways to receive assistance with respect to using the libraries or finding resources.

Teaching Center: Broward Hall, 352-392-2010 or to make an appointment 352- 392-6420. General study skills and tutoring.

Writing Studio: 2215 Turlington Hall , 352-846-1138. Help brainstorming, formatting, and writing papers.

Student Complaints On-Campus: Visit the [Student Honor Code and Student Conduct Code](#) webpage for more information.

On-Line Students Complaints: View the [Distance Learning Student Complaint Process](#) .

