

Math 104: Mathematical Reasoning Workshop

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Spring 2023

Course Description

Math 104 is a co-requisite course to Math 105: Mathematical Reasoning. The goal of this course is to supplement what is learned in Math 105 by reinforcing techniques and concepts. We will discuss content and review questions from Math 105 and introduce more approaches to solve mathematical reasoning problems.

Credit Hours: 1

Grading

There are no examinations or homework in this course. Grades are determined by attendance, collaboration on and completion of worksheets, pre-exam quizzes, and projects, all of which earn you points (details described below). Over the course of the semester, you will have the opportunity to earn roughly 150 points. **As this class is graded on a Satisfactory/Unsatisfactory basis, 100 points is sufficient to earn an "S" in Math 104.**

- **Daily Points**

You can earn up to 4 points every day you attend Math 105, earned via the following rubric:

Worksheet/Quiz day	
Attend class	1 point
Attend class on time	1 point
Attentiveness in class	2 points
TOTAL	4 points

We will meet 29 times this semester, so you can earn **up to 116 points** by attending class.

- **Quiz Points**

Two class periods before a Math 105 exam, we will have an in-class quiz covering the material on the exam, then review the quiz together the following class. This is meant to be a low-stress test for yourself to see what you need to review before the exam. In addition to your daily points, you can earn up to 5 points for each quiz (1 points per 20 percentage points on the quiz). As there will be 2 exams, you will have 2 quizzes. This means that you can earn **up to 10 points** from quizzes.

- **Project Points**

We'll have 2 (maybe 3?) projects this semester that you can work on and present in class. Each project will be worth 10 points, so you can earn **up to 20-30 points** from projects.

- **Extra Credit Points**

I'll occasionally give some extra credit points if you solve some difficult problems or come up with a unique solution to a problem.

Academic Integrity

As an academic community, UIC is committed to providing an environment in which research, learning, and scholarship can flourish and in which all endeavors are guided by academic and professional integrity. All members of the campus community - students, staff, faculty, and administrators - share the responsibility of insuring that these standards are upheld so that such an environment exists. Instances of academic misconduct by students will be handled pursuant to the Student Disciplinary Policy. <http://dos.uic.edu/community-standards/>

Disability Policy

The University of Illinois at Chicago is committed to maintaining a barrier-free environment so that students with disabilities can fully access programs, courses, services, and activities at UIC. Students with disabilities who require accommodations for access to and/or participation in this course are welcome, but must be registered with the Disability Resource Center (DRC). You may contact DRC at 312-413-2183 (v) or 312-413-0123 (TTY).

Religious Holidays

Students who wish to observe their religious holidays shall notify the faculty member by the tenth day of the semester of the date when they will be absent unless the religious holiday is observed on or before the tenth day of the semester. In such cases, the student shall notify the faculty member at least five days in advance of the date when he/she will be absent. The faculty member shall make every reasonable the request, not penalize the student for missing the class, and if an examination or project is due during the absence, give the student an exam or assignment equivalent to the one completed by those students in attendance. If the student feels aggrieved, he/she may request remedy through the campus grievance procedure. <http://oae.uic.edu/religious-calendar/>

Campus Advocacy Network

Under the Title IX law you have the right to an education that is free from any form of gender-based violence and discrimination. Crimes of sexual assault, domestic violence, sexual harassment, and stalking are against the law and can be prevented. For more information or for confidential victim-services and advocacy contact UIC's Campus Advocacy Network at 312-413-1025 or visit UIC Campus Advocacy Network. To make a report to UIC's Title IX oce, email TitleIX@uic.edu or (312) 996-5657.

COVID-19

Following University COVID guidelines for the Spring 2023 semester, Masks continue to be required in classrooms, lecture centers, research labs, the libraries and learning/success centers, health care settings, and on UIC shuttles and buses. Any student entering a classroom without a face covering will be asked to leave and not allowed back into the classroom until a face covering is worn.

Faculty, staff and students who test positive for COVID-19 at a non-UIC testing location should continue to report test results using the UIC COVID-19 Reporting Tool. Test results from on-campus saliva testing locations will be automatically reported to UIC contact tracing. COVID-19 saliva testing continues to be available at Student Center East, Student Center West and the Behavioral Sciences Building, 9 a.m. to 5 p.m., Monday through Friday. UI Health offers UIC saliva testing onsite for employees. For additional information about mandatory testing groups, preparing for the test and obtaining test results, visit the COVID-19 saliva testing webpage.

Most importantly, stay home if you are ill or have COVID-19 symptoms to protect the health of your colleagues and classmates.