

Math 2702 Spring 2021 Syllabus

Do not lose this sheet!

Time/Place: T R 9:40 - 11:05 am, Dunn Hall 249. We will be remote synchronous for the first two weeks of the semester, and reassess after that, perhaps moving to some in-class instruction.

Instructor: J. Campbell, DH 213 **e-mail:** jcampbll@memphis.edu
ph: 678-2482.

Office Hours: Will be held via zoom, by appointment. Please don't hesitate to make an appointment if you need to see me.

Text: The textbook is loaded as a pdf file into eCourseware. Please download it at your earliest convenience. We may provide additional notes and source material for each topic.

Topics: Taken from this list: basic logic, sets and set operations, methods of proof, induction, relations and functions, equivalence relations, recursive definitions and algorithms, binomial theorem, basic counting, pigeonhole principle, elementary number theory.

Grading: Grades will be based upon the following:

Quizzes: 7 minute, one-question short answer quizzes taken via zoom at the end of each Thursday's class. Drop the two lowest, average to count as 15% of your grade.

Homework: Assignments will be given about once every two weeks, sometimes more frequently, never less frequently. Students should be prepared to work individually, and also in groups. This implies a willingness to develop and share ideas with the group. Students will be occasionally called upon to present their individual or group solutions to the rest of the class. This is part of the grade: how willing and able you are to discuss your work. An important aspect of this course is learning to communicate mathematically, and presentations are an important aspect of this process. Written work to turn in is expected to be neatly written, coherent, on time, and **stapled** (no loose sheets). The lowest grade will be dropped, the rest will be averaged to count 35% of your grade.

2 In-class Exams, each worth 15% of your total grade.

1 Final Exam, 20% of your grade.

Grade Ranges: A: 89-100% ; B: 76-88% ; C: 63-75%; D: 52-62% .

I use plus/minus grading, top two/bottom two points in each scale, except no D- (it doesn't exist in the system).

General Philosophy: Your brain should be open.

(Syllabus continues next page.)

Interesting Dates:

MLK Day (holiday): M January 18

Wellness Breaks: M - T March 8-9, R-F April 8-9

Last Day of Classes: T April 27

Study Days: W-R April 28 & 29

Final Exam: T May 4 10:30 am - 12:30 pm

Attendance: Even though we are zooming, attendance will be monitored, and three (unexcused) absences will require a mandatory meeting with Dr. C. One more after that (i.e. 4) will result in the loss of half a letter grade to the overall course grade. The fifth missed (unexcused) class will result in the loss of a full letter grade. More than 5 (unexcused) absences and you need to ask yourself: why did I enroll in this course?

Covid-19 Health and Safety Policy – Masks and Social Distancing

The following are Covid-19 related policies of the University of Memphis. Any reference to 'classroom' refers to when (if) we ever return to classroom instruction.

All students, faculty and staff will wear masks in all public spaces, including our classroom per the COVID-19 policy. The first time a student enters our classroom without wearing a face covering, the student will be asked to leave the class until they return with a covering. Further violations will be referred to the Office of Student Accountability. Students who repeatedly or flagrantly violate these community expectations may be referred for discipline under the Student Code and, if appropriate, immediately removed from campus by the Dean of Students.

Student Health Students who are experiencing symptoms such as sneezing, coughing or a higher than normal temperature should inform me by email so they can be excused from class and should stay home. Students should contact their health care provider or the Student Health Center at

<https://www.memphis.edu/health/>.

Students who have a positive COVID-19 test should contact the Dean of Students via email at Dean of Students.

Student Accommodations If we ever return to fully hybrid instruction involving in-class meetings, students seeking to remain remote for health or other serious reasons should discuss their options with me.

Student Resources Students who need additional resources can contact the Dean of Students Office at

<https://www.memphis.edu/deanofstudents/crisis/index.php>.

For further information see <https://www.memphis.edu/msci/news/covid.php>