

MATH 8970

Category Theory

Fall 2017

Instructor - Randall R. Holmes

Office: 202 Parker Hall

Hours: MWF 9:40–9:55 or by appointment.

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Course website: <https://web.auburn.edu/holmerr/8970>

Textbook There is no required textbook for the course. The course material will be based on the lectures and some online notes that I have prepared (see Course website).

Grades The course grade is based on take-home quizzes. Class participation (including attendance) can serve to boost the grade. The scale is

90 – 100 %	A
80 – 89	B
70 – 79	C
60 – 69	D
0 – 59	F

If I find that it is warranted, I will adjust the cutoffs downward.

Quizzes Quizzes will be posted at the website. When a new quiz appears you will receive an e-mail message saying that the quiz has been posted.

Quizzes are due at the start of the class hour on the due date. Unexcused late quizzes will receive at most half credit.

Selected quiz problems will be graded carefully. If you receive no feedback on a particular problem, do not assume that you did it correctly. Rather, take a moment to check your solution against the posted solution to be sure you understand.

I ask that you typeset your quiz solutions using \LaTeX . This is the most widely used language for typesetting mathematics, so anyone working in an area where communicating mathematics is important should have experience using the language. I say more about \LaTeX in a separate document (click on “LaTeX” at the website and then click on “Quizzes using LaTeX”).

I also ask that you submit your quizzes electronically to a Dropbox folder that I will share with you. I will send an invitation to share a folder to your tigermail account. If you already have a Dropbox account registered under a different e-mail account and you would like to use that instead, send me the address and I will send out a new invitation.

It is expected that the quizzes will be done *independently*. If you get stuck on a problem and you would like to consult another student, this is acceptable provided you acknowledge the collaboration in your quiz. Frequent collaboration might result in lower scores.

It is fine to use outside sources such as textbooks and Wikipedia for general information, but please do not seek solutions to problems using such sources.

Unexcused late quizzes will receive at most half credit.

Attendance University policy states that students are expected to attend class sessions. If you need to miss a session, please send me an e-mail message explaining the absence.

Contingency plans If normal class activities are disrupted due to illness, emergency, or crisis situation, the syllabus and other course plans and assignments may be modified to allow completion of the course. If this occurs, an addendum to the syllabus and/or course assignments will replace the original materials.