Math 100 — Survey of Mathematics

Instructor: John Marriott

Office: Physical Science Building 320

Office Hours: 9:30–10:30 a.m., Monday through Friday, and by appointment.

Webpage: http://www.math.hawaii.edu/~marriott/


Grading: There are six scores: five independent exams and one combined homework grade. The best five out of these six scores are equally weighted, giving the final grade.

Attendance: Attendance is not recorded. Homework will be administered online. No late assignments are accepted. Missed exams receive a zero. The only exception is if you have to miss for university business or for medical reasons, in which case some form of proof is required. It may seem like a good idea to only show up for exams, but some unique content that will be on the exams will be given in lecture.

Dates: • Class is from May 21 to June 29
  • May 28 and June 11 are holidays
  • Last day to receive 100% tuition refund is May 24
  • Last day to receive 50% tuition refund is May 28
  • Last day to drop (no ‘W’ on transcript) is May 28
  • Last day to withdraw from class (‘W’ on transcript) is June 13

Objectives: Math 100 is a terminal course to familiarize you with mathematical reasoning. It is not a course to prepare you for Math 140. This course satisfies the FS credit, and it therefore aims to

1. expose students to the beauty, power, clarity and precision of formal systems.
2. help students understand the concept of proof as a chain of inferences.
3. teach students how to apply formal rules or algorithms.
4. require students to use appropriate symbolic techniques in the context of problem solving, and in the presentation and critical evaluation of evidence.
5. not focus solely on computational skills.
6. build a bridge from theory to practice and show students how to traverse this bridge.