Course webpage: All administration for the class (including lecture notes, homework assignment, grades) runs on its Learning Modules/Stellar site. Once it’s set up, you will find a link to it from the course homepage, http://math.mit.edu/18.900/

Homework: There will be weekly homework, to be submitted in-class. Online or email submission is not allowed. No late submissions are allowed. If you need to be excused from one of the problem sets, explain your situation and ask: you need to do that no later than two weeks after the homework was due.

Exams: There will be two in-class midterm exams, and a one-hour final exam. The final exam is not cumulative: it only covers the material after the last midterm. The classes before each midterm, and the last class, will be review sessions, run recitation-style based on problem handouts. You can not take the midterms or exam at any other time (except for official conflict finals). If you need to be excused from one of the midterms, explain your situation and ask: you need to do that no later than two weeks after the midterm date. Missing the final is governed by MIT regulations.

Grading: Homework 60%, Exams 40% (each midterm 1/3, final 1/3). There will be no rounding, dropping worst score, “curving”, or other statistical manipulations.

Material: The course will (approximately) follow this plan:

- Polygons, polygonal curves (5 lectures)
- Billiards (4 lectures)
- Plane curves (3 lectures) – first midterm – Immersed curves (4 lectures)
- Algebraic curves (4 lectures) – Patchworking (2 lectures) – Projective plane (2 lectures) – second midterm
- Complexes, Betti numbers (4 lectures)
- Hyperbolic geometry (3 lectures) – Curved geometries (3 lectures) – exam

Total: 34 lectures + 3 review sessions + 2 midterms + 1 exam.

Date: This version: June 28, 2019.