

# MA 501 Homework #11

FINAL ASSIGNMENT

Due Thursday, May 2, 4:30 pm

(But it would be very nice if you could email it to me sooner!)

The Harvard University Catalogue of 1897–98, <http://www.ms.uky.edu/~lee/ma501sp13/harvard.pdf>, describes the material that applicants to Harvard were to be tested on (this is before the SAT, ACT, etc.). Read pages 296–97 to see a description of the geometric background applicants are expected to have.

Prepare a typed, double spaced response, 3–4 pages, 12 point font, to the following questions. How do Harvard's geometry expectations compare to the current K–12 geometry expectations of the Common Core State Standards for Mathematics, <http://www.corestandards.org/assets/CCSSI.Math%20Standards.pdf>? In what ways are they the same or different? Be specific with examples of geometry topics that may be in one but not the other, or are in both. Now look at the course listings in the Harvard Catalogue, *not just in mathematics*, and the course listings in the current UK Bulletin, <http://www.uky.edu/registrar/bullabbs2.htm>, again *not just in mathematics*. Compare and contrast the kinds of courses in the past that relied upon geometric material with the kinds of courses in the present that rely upon geometric material. Provide specific examples. What is your opinion on potential geometric college demands of our current students as compared with those of a hundred years ago?