

Math 100 — Homework Assignment 1, due Aug. 28, 2012

1. Write a 2-3 page typed mini research paper in which you **compare three different job profiles for applied mathematicians**.
 - Base your research on **at least two different resources** listed at <http://math.iit.edu/~fass/100.html>.
 - Compare such things as
 - required training (e.g., level of education, special courses inside or outside university, etc),
 - job characteristics (e.g., field of work, specific responsibilities, etc),
 - salary,
 - job outlook for the near future.
 - Formulate at least two questions you want to ask Celestine McGee (Career Management Center, IIT), when she visits us on Sept. 11.
 - Make sure to include the references you consulted at the end of your paper.
 - You may submit a PDF version of the paper electronically to fweening@iit.edu and fasshauer@iit.edu. Otherwise, hand in a printed hardcopy in class on Tuesday, Aug. 28.
2. Prepare a two-minute speech about your favorite applied math job (to be presented in class on Tuesday, Aug. 28). Please send 1 or 2 brief slides (PPT or PDF) to fweening@iit.edu **by 8:00pm on Monday, Aug. 27** so they can be loaded onto a single computer to speed up the transition between presentations.
3. Keep these resources in mind for the future and go back and look at them periodically!