

For this assignment, you will be exploring different careers in mathematics and related fields by (I) investigating careers online, (II) utilizing the resources at the Weigand Center for Professional Excellence, and (III) attending the Mathematics Career Night held on October 30, 2019 at 7:00 pm in the Blume Board Room (Frick Center).

Part I: Online Exploration

Paper Due October 6, 2019 by 11:59 pm (submitted on Blackboard)

The University of California, Irvine Mathematics Department has a great website about careers in mathematics and related fields: <https://www.math.uci.edu/math-majors/math-career-resources#sec%201>
Read through the information in Section 1 Careers in Mathematics and click on the associated links and read through the different careers and profiles.

1. Careers In Mathematics (1.1 List of Careers That Use Mathematics; 1.2 Career Profiles; 1.3 Other Resources on Careers)

After reading through the careers and profiles at <http://weusemath.org/> and the MAA, AMS, and SIAM links in the Career Profiles section (and any other links/resources you find helpful), find 2 careers that interest you and research it more fully. Answer the following questions for both careers.

1. Explain why you chose that career. What about it interests you?
2. Why are mathematics courses and/or major important for this career?
3. What types of courses (math and non-math) are recommended for this career? Are you currently taking any of these courses? Could you add some/all of these courses to your schedule?
4. Would you need to go to graduate school?
5. Are professional exams required for this career?

Upload a typed document with the chosen careers and answered questions in Blackboard under the Career Exploration Assignments, Part I.

Part II: WCPE Resources

Paper Due October 27, 2019 by 11:59 pm (submitted on Blackboard)

Go to the Weigand Center for Professional Excellence website (<https://www.elmhurst.edu/academics/academic-centers/cpe/>) to learn about the different resources offered through the Center. Choose at least one resource (e.g., Career Guidance; Shadowing Mentoring; Resume Writing; Interviewing, etc.). Make an appointment with the WCPE to meet about the resource you are interested in. ***After meeting, type a ½-1 page paper explaining which resource(s) you chose and why and how the WCPE was able to help. Upload the paper in Blackboard under the Career Exploration Assignments, Part II.***

Part III: Career Night (October 30, 2019 at 7:00pm in the Blume Board Room)

Paper Due November 10, 2019 by 11:59 pm (submitted on Blackboard)

Attend Mathematics Career Night where we have a panel of alumni from differing careers share their career paths, offer advice, and answer questions. It's a great opportunity to start networking. Type a ½-1 page paper summarizing the career paths of the panelists and what you found most interesting and helpful from the panel. ***Upload the paper in Blackboard under the Career Exploration Assignments, Part III.***