

ENGR 499

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GCSP Outside Activities

Outside Activity 3: Viable Business (4/29/2024)

This semester I have taken ENGR 462 with Shayla Rivera, where I have had the privilege to listen to the stories of over a dozen successful entrepreneurs—and former aggies. Through the class, I have had the chance to learn an incredible amount of the internal workings of a fledgling business first getting its feet off the ground. The single greatest takeaway I have had from the class is that nothing occurs in a vacuum; in any situation, your work will be applied in more than just the single situation in which you intend it. By understanding the broader environment surrounding your work and application of your work, you can better fit your solutions to the problems and environments in which they will be applied.

Outside Activity 4: Social Consciousness (4/29/2024)

For the last semester, I have served as the Vice President of Marketing and Communication (VP MarComm) for the Residential Housing Association (RHA). In my role, I have had the privilege to spearhead our outreach to new residents and to help to better involve new students on campus, support the community councils, and represent the student body to the department of reslife as they seek input on housing development, dining improvements, and transportation services. In my experiences in RHA, I have had the privileged to meet with dozens of incredibly dedicated individuals and witness firsthand the impact of their incredible dedication to their work. I am proud to have worked alongside them in making a positive impact to the on-campus community.

Outside Activity 4: Multidisciplinary (4/29/2024)

I plan on getting a minor in Math, and out of the five required classes, I have completed three, have one in progress, and intend to complete the final class in the spring. For the upper-level classes, I have already completed linear algebra, and am currently in differential equations, but for the 400-level class, I intend to take complex analysis because of its numerous applications in controls theory. By taking linear algebra, I have already seen the numerous benefits of understanding matrix properties, and how being able to apply them in sticky situations can make a complex problem much easier. The applications of linear algebra are incredibly broad, from statics and truss analysis to the linearization in differential equations, and being more familiar with those tools has already given me a leg up in approaching various situations.