



Seminar for Diversity



Motivation

- Lack of diversity within the College of Engineering (CoE) is very apparent, and supports underlying bias within our environment.
- Once we took ENGR 401, we learned the impact of a diverse and welcoming professional setting.
- Being able to understand the importance of diversity and the appearance of underlying bias is crucial to making engineering more inclusive.



Problem Statement

- Lack of diversity in the CoE can lead to a lack of support for underrepresented students potentially preventing them from succeeding.
- This can then further the overall diversity problem in the professional world of engineering.
 - A problem which influences society and the idea of what an engineer is.
- Thus, informing engineers in college can help stop a potential never-ending cycle.



Intervention

- We propose to establish a 1-credit Seminar class that will teach undergraduates the basics of diversity in engineering.
- The curriculum would focus on panels of people with first hand experiences involving diversity in engineering or the lack of.
- Students would have discussions about their experiences or on weekly readings regarding the respective topic of the week.
- Our goal is to improve undergraduate exposure to the effects of diversity and how representation matters.



Expected Outcome

- Students at the end of the course should be able to comfortably explain the effect of diversity in engineering.
- They should be able to identify acts of microaggressions and bias within their environment.
- We hope educating engineers on these issues can lead to more representation in the engineering field and help eliminate subtle biases and discrimination.



Thank You!