Integrating Diversity in Engineering Capstones

Problem Statement

Disabilities and Innovation: Interfaces with users often lack consideration of disabilities and accessibility
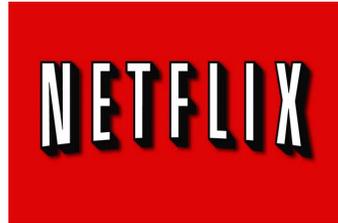
Our Idea

An extra credit option for integrating an accessibility and/or diversity consideration for all capstone projects in order to encourage awareness of and interest in diversity

> Annotated bibliography and implementation of the diversity consideration
> 3% EC for overall grade
> – .5% to write the annotated bibliography
> – 2.5% to implement the consideration

Intervention

> **Start with Capstone teachers and have them implement the EC as a proof of concept**
  - **Statistics on overall class participation and students' mindsets on diversity in engineering before and after (survey)**
> **Bring that teachers' experience to their department and have department-wide proofs of concept**
> **Bring those departments' experiences to the Dean of the CoE**

Expected Results

> **Students think about accessibility/diversity before many will enter the workforce**
> **In action: LSU Students Complete Beach Wheelchair Capstone**