ENGINEERING PROJECTS IN COMMUNITY SERVICE (ENGR 270/470)
Lightweight Package Handling System for Autonomous Delivery & Retrieval

This project proposes the development of a lightweight package carrier system for use on an existing commercial unmanned aerial vehicle. The student team will focus on designing and building a handling mechanism to autonomously pick and drop a package. The proposed mechanism will be installed on an unmanned aerial vehicle.

Impact on Community
A successful project will have a positive impact on the on-campus community of innovators. The project will be displayed at the Engineering Innovation Center (EIC) to showcase student innovation among current and prospective students.

Desired Majors
- Mechanical engineering
- Electrical engineering
- Aerospace engineering
- Other majors with related experience