ENGINEERING SERVICE LEARNING PROVIDES MULTIPLE SERVICES THAT BUILD STUDENTS INTO COMPETITIVE CANDIDATES FOR FUTURE EMPLOYERS.

STUDENT DEVELOPMENT
REAL-WORLD EXPERIENCE
REAL WORLD EXPERIENCE

OVERVIEW

▸ Students solve problems for Non-Profit Organizations

▸ The teams are designed to function like an industry team.

▸ Project Protect has their first prototype of a Mobile App designed to provide health information

▸ LEED Lab Team collects water data provided by Facilities to gain more credits for the Operations LEED Certification.

▸ The Unmanned Aerial Vehicle Engineering Service Learning team (UAV) is working to design and implement a UAV system that will provide local, small-scale farmers with an efficient method of disease detection and crop management through precision techniques.
REAL WORLD EXPERIENCE

TEAM STRUCTURE

Internal Duties

- Intellectual Property Officer
- Team Leader
- Team Member
- Team Member

External Duties

- Assistant Project Manager
- Communications Officer
- Procurement & Financial Officer
- Team Leader
- Internal Duties
“I LEARNED HOW TO COLLABORATE WITH OTHERS AND DELEGATING TASKS TO PRODUCE TREMENDOUS PROGRESS WITH THE TEAM.”

Eric Sosa
PROFESSIONAL DEVELOPMENT
“I LEARNED HOW TO BE SELF MOTIVATED AND HOW TO MAKE MY OWN DEADLINES.”

Brenda Yu
“I LEARNED HOW TO COMMUNICATE WITH TEAM AND HOW TO DELEGATE TASKS. THE CHALLENGE WAS FIGURING OUT WHAT WE WERE DOING. WE FIGURED OUT THAT WE HAD A GIANT PROJECT AND WE HAD TO BUILD THE FOUNDATION FOR IT, WHICH COULDN’T HAVE BEEN DONE WITHOUT COMMUNICATING.”

Andrew John De Los Santos
WE POSITIVELY IMPACT THE ENTIRE CAMPUS
WE ENCOURAGE WOMEN TO TAKE LEADERSHIP ROLES TO FACILITATE FUTURE OPPORTUNITIES FOR WOMEN.
“I LEARNED HOW TO WORK WITH PEOPLE FROM DIFFERENT BACKGROUNDS. AS A MANAGING MAJOR, I LOOKED FOR RISKS WHILE THE ENGINEERING MAJORS LOOKED FOR FACTS. THIS WAS A GOOD BALANCE.”

Maya Martinez