



ENGINEERING
SERVICE LEARNING



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

STUDENT DEVELOPMENT

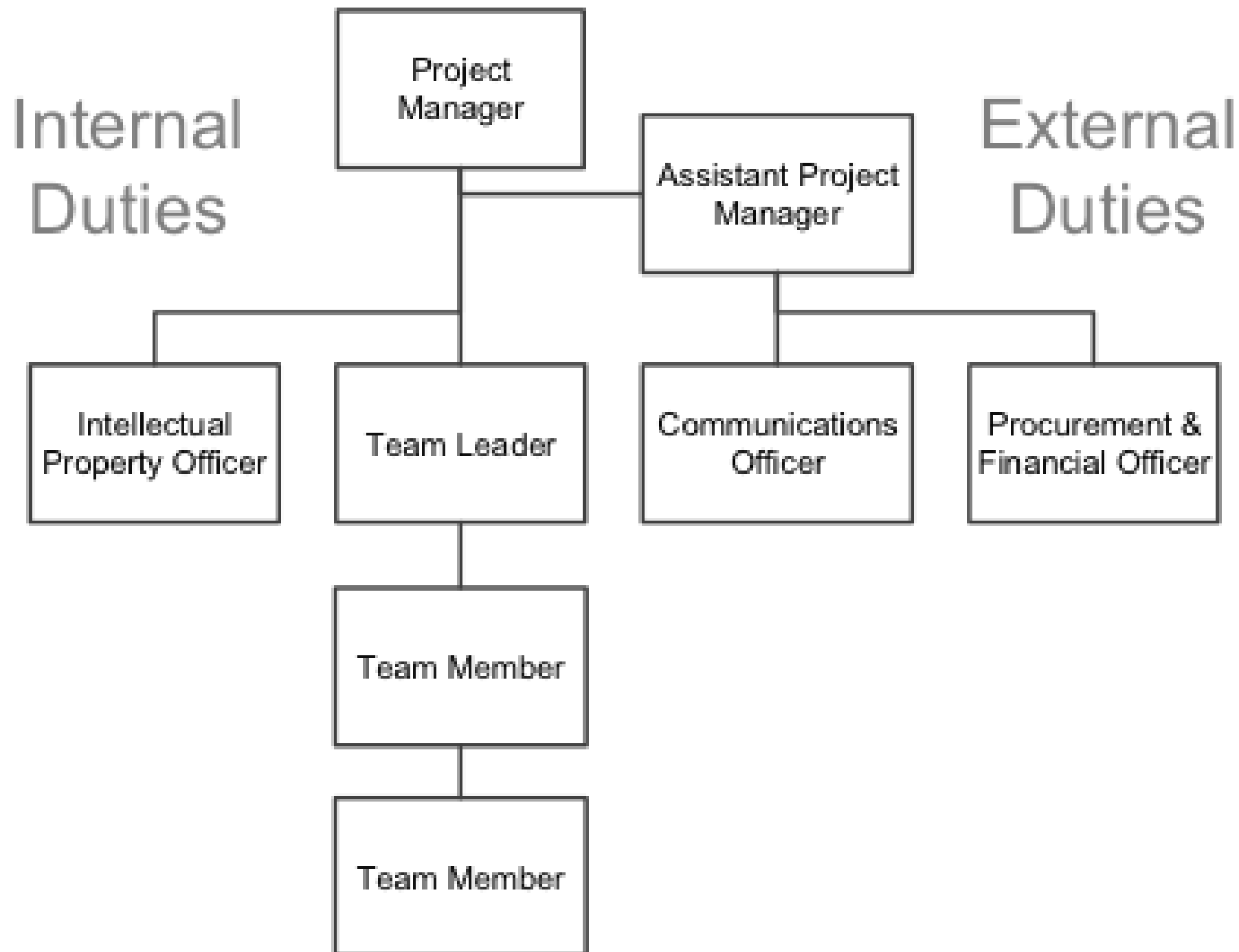
REAL-WORLD
EXPERIENCE



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.

TEAM STRUCTURE





“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

IMPACT







WE ENCOURAGE WOMEN TO
TAKE LEADERSHIP ROLES TO
FACILITATE FUTURE
OPPORTUNITIES FOR WOMEN.

WOMEN LEADERSHIP



“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

