SPRING 2016

ENGINEERING PROJECTS IN COMMUNITY SERVICE
ENGR 270/470

Are you looking for a course to gain real world engineering experience while working on a project to benefit others?

Why this course?
• Gain engineering experience working on real world projects
• Learn and practice engineering design before your senior year
• Work in multidisciplinary teams and learn valuable skills outside your major
• Building something of lasting value and make a difference

TENTATIVE PROJECT TOPICS:
• Aggie Mini-Power Stations (AMPS) – Solar based power stations for our campus
• VET School Web Tool Database – Tracking animals during natural disasters
• Lightweight Handling Package System for Autonomous Flight and Delivery
• EIC Solar Energy & Weather Interactive Data Display
• Brazos Valley Center for Independent Living web admin – Developing an interface to support customer needs
• Engineering Solutions for Fruit & Vegetable Packing Centers in Guatemala
• Designing an irrigation system for organic farming in Mexico (team will have an opportunity to visit Mexico during spring break)

PROJECTS SPONSORED BY NONPROFIT ORGANIZATIONS
ALL MAJORS AND LEVELS WELCOME

Instructor:
Magdalini Lagoudas, Executive Director for Industry & Nonprofit Partnerships, Instructional Associate Professor

For more information, please send email to m-lagoudas@tamu.edu.