

# ENGINEERING AND COMMUNITY ENGAGEMENT, CERTIFICATE

---

Requirements for an undergraduate certificate may be completed at any campus location offering the specified courses for the certificate.

## Certificate Learning Objectives

- **Appropriate Technologies:** Students will identify, understand and employ appropriate technologies commonly of use in marginalized communities when designing solutions.
- **Engineering Cultures:** Students will identify and utilize a variety of stakeholders and resources to provide pertinent cultural, political, economic and historical perspectives on community-based engineering design projects.
- **Engineering Design:** Students will demonstrate competency in use of the design process to provide technical solution(s) to problem(s) experienced by marginalized communities.