



**Program Information**

<b>College:</b>	Southern Poly. College of Eng. and Eng. Technology
<b>Department:</b>	Civil and Environmental Engineering
<b>Program:</b>	Civil Engineering, MSCE

**Program Student Learning Outcomes**

Upon completion of this degree from KSU, students will be able to:

- Select and apply advanced concepts and principles to solve complex problems in a specialty area appropriate to the practice of civil engineering.
- Develop an appropriate design alternative for a civil engineering project that considers realistic requirements and constraints.
- Apply concepts and principles of statistical modeling and probabilistic analysis to assess risk, uncertainty and reliability in civil engineering.
- Conduct literature review in a specialty area appropriate to the practice of civil engineering.
- Effectively communicate, both verbally and in written form.