

	Southern Poly. College of Eng. and Eng. Technology
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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.