

Abstract Submitted  
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**Developing an Undergraduate Program in Energy Systems** JOHN FANCHI — Texas Christian University (TCU) is developing an undergraduate program in engineering that prepares students to become engineers with an emphasis in energy systems. Courses in the program include an overview of energy in society that is suitable for the general student population; a technical overview of traditional energy (coal, oil and gas), nuclear energy, and renewable energy; and courses that cover more specialized energy topics. Students participating in this program will improve their understanding of energy systems; be introduced to outstanding scientific and engineering problems; learn about the role of energy in a global and societal context; and evaluate contemporary issues associated with energy. The energy systems curriculum will improve student understanding of activities that are a major component of the economy. As engineering students graduate with an energy systems emphasis, they will take their places in society with a much more sophisticated understanding of energy-related issues affecting their community. This talk will present the status of the new program.

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