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## Basic Engineering Professor Craven Recognized as Outstanding Faculty Adviser

At the latest conference of the Society of Women Engineers, Tennessee Tech University professor Kristine Craven was named outstanding faculty adviser. Craven is a tenured assistant professor at TTU, where she has been working since 2000. She was elected to be the Faculty Adviser for the TTU section of SWE in 2004.

"Working with the TTU SWE students has been amazing and a highlight of my career," said Craven. "The section has really embraced the goals and mission of SWE. I could not have achieved this award without the hard work and enthusiasm of the TTU SWE students."

In addition to serving on various committees, Craven teaches basic engineering courses and junior-level courses in mechanical engineering. Craven has long taken a pivotal role in TTU's chapter of SWE, and is a member of professional societies Sigma Xi, Pi Tau Sigma and the American Society of Mechanical Engineers. She has also served as a paper reviewer, session moderator, secretary/treasurer, program chair, division chair and division past chair with the American Society for Engineering Education.

The local member section of SWE sprang from Craven's and other female engineers' involvement with the Engineering a Future outreach program. Starting in 2003, Engineering a Future has engaged junior high-age girls in a one-day event, which then expanded in 2007 to include a summer camp, that introduces them to basic principles of engineering, through hands-on activities and exercises.

"This event allows us to have a hand in the mentoring TTU students as well as recruiting future TTU students and female engineers," said Craven. "We are as rewarded by our experiences as we hope to reward the young minds that we encounter."



*Last edited 2015.03.17 by unknown.*