

## **Department of Electrical and Computer Engineering**

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Dhadesugoor R. Vaman, *Electrical and Computer Engineering*  
Richard Wilkins, *Electrical and Computer Engineering*

### **PURPOSE AND GOALS**

The primary purpose of the Electrical and Computer Engineering Program is to enhance students' skills in specialized areas and provide opportunities for students to pursue careers in private industry, government research laboratories and design facilities.

The objectives of the program are:

1. To produce graduate students who have advanced training in one of the following areas of emphasis in Electrical Engineering: (i) Microelectronics, (ii) Computer Engineering, (iii) Telecommunications and Signal processing.
2. To produce a significant number of graduates with experience in research.
3. To prepare outstanding students to pursue doctoral degrees.
4. To produce post-graduates who have the technical, cognitive and interpersonal skills that will allow them to secure employment within the State of Texas, or in the nation.