ASSISTIVE TECHNOLOGY AND INCLUSIVE ENGINEERING CERTIFICATE

Introduction

A Rehabilitation Engineering Technologist (RET) is a person who applies engineering principles to the design, modification, customization, fabrication, and/or integration of assistive and inclusive technologies for persons with disabilities. RESNA, the Rehabilitation Engineering and Assistive Technology Society of North America, offers an Assistive Technology Professional (ATP/RET) certification program for assistive technology professionals including engineers and technologists.

The Assistive Technology and Inclusive Engineering graduate certificate provides an in-depth introduction to the area of inclusive and assistive technologies for individuals aspiring to either work in the field of technology, disability, and/or aging into disability; and/or to sit for the national RESNA credentialing examination for one of two certifications to recognize assistive technology service providers who have met a national standard of job-based knowledge and experience.

This program directly benefits students and professionals by providing an in-depth introduction to the rapidly growing field of inclusive and assistive technologies and is responsive to industry leaders who have requested this certificate program.

The certificate is open to students from inside and outside the university as well as professionals interested in furthering their education in this fast-growing area.

Admission Requirements:

Degree: BA/BS
GPA: A minimum GPA of 3.00 is recommended

Certificate Requirements

Code	Title	Hours
Required Courses		
BIOE 5057	Rehabilitation and Assistive Technology	3
BIOE 5067	Human Factors and Usability Testing for Bioengineers	3
BIOE 5420	Special Topics in Bioengineering (Introduction to Device Design for Disability and Aging: Human Factors)	3
BIOE 5420	Special Topics in Bioengineering (Anatomy, Physiology and Medical Terminology for Bioengineers)	3
BIOE 5420	Special Topics in Bioengineering (Rehabilitation Engineering Fieldwork Experiences)	3
Total Hours		**15**