Course Description
This course is designed to study applications of rehabilitation engineering technology to assist people with disabilities to become more fully integrated in society. Students will be provided with a general overview of the different types of assistive technology. The course is intended to equip students with the ability to assist individuals with disabilities select the appropriate assistive technology that will eliminate or reduce their resulting limitations. In addition, the course will familiarize the students with the psychosocial aspects of assistive technology service provision.

Course Objectives
1. The student will become familiar with the principles, practices, and legislation affecting assistive technology.
2. The student will demonstrate the knowledge that are important in evaluating assistive technology.
3. The student will demonstrate familiarity with assistive technology for specific disabling conditions, activities, and environments.
4. The student will demonstrate knowledge of both low- and high-tech adaptive devices.
5. The student will identify functional limitations and the assistive technology that can amend or reduce these limitations.
6. The student will demonstrate an understanding of the factors that are considered during rehabilitation technology selection.
7. The student will demonstrate proficiency in matching available assistive technology to the needs of specific functional limitations in a variety of settings.
8. The student will design/invent an assistive device.

Required Textbook

Recommended Textbook