

Beneficial Design with Assistive Technology

Perspectives in Assistive Technology

Perspectives in Assistive Technology (ENGR110/210) is a **Winter Quarter** course for students from every discipline and year that explores the design and use of technology that benefits people with disabilities and older adults.

ENGR110 is a Cardinal Course that is a recommended elective for the BSME degree and is approved for the Program in Science, Technology & Society, the Learning, Design & Technology Program in the Graduate School of Education, Symbolic Systems, and the Program in Human Biology.

This course consists of twice-weekly presentations by guest lecturers, field trips to local facilities, an assistive technology faire, a film screening, and student project presentations and demonstrations.

Students pursue team-based projects (3 units) that address real problems faced by users of assistive technology in the local community by fabrication of a functional assistive technology prototype device. For students whose schedule does not permit working on a team project, a 1 unit project and a lecture-only options (1 unit CR/NC) are available.

You should consider enrolling in this course if you:

- have an ongoing interest in learning about technology that benefits people with disabilities and older adults
- would like to work on an assistive technology project that addresses a problem experienced by you, a family member, a friend, a person with a disability, or an older adult
- want to gain confidence in your ability to apply Stanford-acquired knowledge and skills to address real problems

For more information, please visit the course website at <http://engr110.stanford.edu> or contact the instructor, **David L. Jaffe at davejaffe@stanford.edu**