ECOS
Fall 2006 Wheelchair Ramp Project

One of ECOS’s local projects is building wheelchair ramps for Columbus-area handicapped residents. ECOS students design and construct the ramps in accordance to the City of Columbus building codes and regulations at no cost to the residents.

In the Fall, 2006, ECOS students built their second wheelchair ramp, this time for a women in the northeast part of Columbus (OH) who suffers from multiple sclerosis. The referral came from social workers at OSU Medical Center. The ramp took six weekend days to construct over about a month and a half time period. Students designed the ramp using CAD software available in the College of Engineering. The project was done under a City permit and past final inspection on January 3, 2007. The students budgeted $1,500 for the project and the project cost came in at $1,473.81. It’s rare these days that a construction project is completed on schedule and under budget!

The Team:

ECOS Local Projects Coordinator - Eric Reynolds

ECOS Faculty Advisor - Roger Dzwonczyk

ECOS Design Crew - Alex Wohlgemuth, Anju Gupta, Richard Niese

ECOS Building Crew - Jake Adams, Theresa Vonder Haar, Wing Ki Lee, John Merrill, Nicole Lammeier, Michele Nielsen, Tom Eckardt, Geoff Griffith, Derek Nicol, Tara Schuler, Eric Reynolds, Roger Dzwonczyk, Alex Wohlgemuth, Aimee Gall

The Design:
Construction: